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PREFACE

The syllabus for Class XII has been compiled in accordance with the curriculum set by CBSE and the guidelines provided by the CBSE from time to time.

The course aims to provide certain objectives which have been enlisted in the syllabus booklet.

The chapterwise allocation of marks has been provided for the students, list of help books / textbooks and other literature related to the specific subject has also been provided.

Students are advised to read their "NCERT" text books, first and along with it refer to those added materials.

We hope that our work proves to be helpful to the students and to the faculty members.

GENERAL GUIDELINES FOR THE STUDENTS

1. Students should be present in the class at the start of the period and reach in time for all other activities and functions.
2. Attendance on the last day of school before vacation and first day of the school after vacations is absolutely essential.
3. Students are required to behave politely at all times and should not use indecent languages or, indulge in fights and quarrels with other children in the school. Any behaviour likely to cause hurt to others in the matter of language, religion or community is strictly prohibited.
4. Children should refrain themselves from the following activities :
Spitting in or near the school building, disfiguring or otherwise damaging the school property, smoking any form of gambling use of drugs, intoxicants, rowdyism and rude behaviour, use of violence in any form and casteism and communalism.
5. No students should scratch or damage the school property or write or draw on the walls or cause damage in any way to any item belonging to the school or to others in the school. Any damage done will render the students liable for recovery of damages.
6. In the absence of the teacher from the classroom students are required to observe silence and obey the monitor of the class.
7. Every student should have his/her own textbook, stationery and other material required for studies, Articles should not be exchanged, nor should money borrowed or lent.
8. A student who uses unfair means in the examination will render himself/herself liable to such punishment as is considered necessary by the Principal/Co-ordinator.
9. The general behaviour of students should be good not only within in the school but also outside. Any reported objectionable conduct within or outside the school will make the student liable for disciplinary action.
10. Student found possessing or, reading any books or magazine of indecent nature are liable for disciplinary action.
11. Every student should take care of his/her personal belongings, School authorities will not be responsible for loss of such belongings.
12. It is the duty of all students to keep their classrooms and other places in and around the school clean and in order. All waste paper and other discardable materials should be thrown in the dustbin.
13. No student is allowed to write on the black board unless asked to do so by the teacher.
14. Before leaving the class room at the end of the day they should arrange the desks and chairs in proper order, put off the lights and fans, close the windows, throw the waste and unwanted materials into the dustbin and then leave the class room.
15. A student should come to the school in proper uniform which should be properly washed & ironed.
16. A student should greet/wish everybody with a pleasant smile.
17. Violation of the rules and regulations of the school and the code of conduct will render the concerned student liable to punishment including removal from the rolls of the school.
18. Regular attendance is very important and the students have to meet the criteria as given by CBSE.

ASSESSMENT PATTERN FOR ACADEMIC YEAR 2020-21

1. Academic session 2020-21 will be divided as follows :

CBSE Periodic Assessment-1	April to May, 2020
CBSE Periodic Assessment-2	May to July, 2020
CBSE Mock Test-1 (Half Yearly)	August, 2020
Pre-Board-1	November, 2020
Pre-Board-2	December, 2020
Board Examinations	March, 2021

2. Two rounds of Periodic Assessments will be conducted in all the subjects before the Half Yearly Exams. The dates for all the exams have been given in the almanac.

3. **It is compulsory for all the students to appear in all the tests/examinations in all the main subjects and the additional sixth subject if any. A child will be marked zero in case the absence is not accompanied by a proper leave application. In case the child is absent due to illness then medical leave will be granted on submission of the medical certificate from a registered doctor immediately on joining back and retest will be taken.**

Leave will not be granted for attending weddings, family functions etc. No half day leave will be granted during the assessment. We would appreciate if the child does not absent himself/herself during the assessments.

4. Evaluation will be based on the students' academic performance during the year. Weightage for the Periodic Assessments and other examinations are given below :

Periodic Assessment (2)	50 Marks Each
Mock Test-1	100 Marks
Pre-Board-1	100 Marks
Pre-Board-2	100 Marks

5. Students scoring 40% in aggregate and in each individual subject and securing 85% attendance will be eligible for appearing in the board exam.

6. Grades will also be given in the following areas of learning-Work Experience, Physical education & General studies.

7. Parents are requested to go through the answer sheets, sign them and return to the class teacher/subject teacher. All the answer sheets are returned to the students after the assessment.

8. **Students found using unfair means during any Periodic Assessment or terminal exams/pre board will be marked zero in that subject. No retest will be conducted for such students. Roll Nos. of students who do not follow the school rules or behave in an indisciplined manner may be withheld based on the code of conduct issued by CBSE.**

9. **Parents are requested to attend the Parent Teacher Meetings regularly, as per schedule given in the almanac.**

UNIT WISE DISTRIBUTION OF THE SYLLABUS (2020-21)**CLASS XII**

Unit	Dates		No. of Days
	From	To	
Unit 1	02.03.2020	13.03.2020	08
Unit 2	16.03.2020	27.03.2020	10
Unit 3	30.03.2020	18.04.2020	13
Unit 4	20.04.2020	01.05.2020	10
Unit 5	04.05.2020	15.05.2020	09
Summer Vacation	18.05.2020	12.06.2020	
Unit 6	15.06.2020	26.06.2020	10 (Block Teaching)
Unit 7	29.06.2020	10.07.2020	11
Unit 8	13.07.2020	24.07.2020	10
Unit 9 & Rev.	27.07.2020	07.08.2020	09
Unit 10	24.08.2020	11.09.2020	15
Unit 11	14.09.2020	25.09.2020	11 (Block Teaching)
Unit 12	28.09.2020	16.10.2020	15
Completion of Syllabus : Friday, 16.10.2020			
Autumn Break	22.10.2020	25.10.2020	
Winter Break	25.12.2020	02.01.2021	

REVISION SCHEDULE :

	Dates		No. of Days
	From	To	
Rev. for Pre-Board 1	19.10.2020	10.11.2020	15
Rev. for Pre-Board 2	07.12.2020	18.12.2020	09

EXAMINATION SCHEDULE :

Assessment	Dates		
	From	To	
Periodic Asst. 1	30.03.2020	04.05.2020	
Periodic Asst. 2	11.05.2020	27.07.2020	
MOCK TEST 1	10.08.2020	21.08.2020	
Pre-Board 1	12.11.2020	04.12.2020	Tentative Dates : 12.11.20, 18.11.20, 23.11.20, 27.11.20, 01.12.20, 03.12.20 & 04.12.20
Pre-Board 2	22.12.2020	11.01.2021	22.12.20, 24.12.20, 04.01.21, 06.01.21, 08.01.21 & 11.01.21
Practicals - 1	24.08.2020	26.08.2020	
Practicals - 2	Mock Practical in January 2021		
Final Practicals	: To be announced by CBSE in Jan./ Feb. 2021		
Farewell for Class XII	: Friday, 11.12.2020		
Blessing Ceremony	: To be announced later.		

ENGLISH CORE

Prescribed Books :**1. Flamingo (NCERT)****2. Vistas Supplementary Reader (NCERT)****Unit 1 02.03.2020 to 13.03.2020 (08)**

Topics : (RS) Note Making,
Comprehension
Lit : Last Lesson,
My mother at 66
Enemy

Learning Outcomes : Children will be able to make a precis of an extensive text and design note to enhance speed and perfect documentation
Art Integration/Activity : Designing notes with varied patterns.

Graphic organizer : Last lesson and Enemy

Unit 2 16.03.2020 to 27.03.2020 (10)

Topics : Lit : Deep Water,
An Elementary School...

W. Skills : Letters and Application

Learning Outcomes : Children will be able to critically appreciate a situation and express their own views. They will be able to depict their ideas pictorially

Art Integration/Activity : Collection Pasting of Sample official letters. Class Eval. At regular intervals. Pictorial Diary highlighting the theme of Deep Water.

Unit 3 30.03.2020 to 18.04.2020 (13)

Topics : Lit : Lost Spring, Tiger King,

W. Skills : Invitation and Reply

Learning Outcomes : The children will be able to realize their responsibilities as a socially aware community. Enhancement of fluency of expression of their thoughts and ideas.

Art Integration/Activity : Procuring invitation cards on various topics. Class Eval at regular intervals

PPT on Ragpickers of Seemapuri

Unit 4 20.04.2020 to 01.05.2020 (10)

Topics : Lit : The Rattrap,
Keeping Quiet

W. Skills : Poster making on relevant topic
Learning Outcomes : The children will be able to realize their responsibilities as a socially aware community. Enhancement of fluency of expression of their thoughts and ideas.

Art Integration/Activity : A Pictorial representation of abuse of power of man against nature. Best presentation to be evaluated.

Unit 5 04.05.2020 to 15.05.2020 (09)

Topics : Lit : Evans Tries an O level

W. Skills : Advertisement

Learning Outcomes : The children should be able to design attractive commercial ads and brief but complete classified advertisement.

Art Integration/Activity : Designing Ads both Classified and commercial. Graphic organizer designing the course of Evans's plan and final escape

Unit 6 15.06.2020 to 26.06.2020 (10)

Topics : Lit : A thing of Beauty,
Aunt Jennifer's Tigers,
Should Wizard hit Mommy

W. Skills : Advertisement Cont.

Report Writing and Debate

Learning Outcomes : The students would be able to appreciate the beauty of nature and hone their poetic abilities. They will grow a new fondness for poetry reading and writing.

Art Integration/Activity : Enactment of the Jack and Jo as a story teller and listener.

Class assessment of a debate session on a social issue to be a part of ASL Topic

Unit 7 29.06.2020 to 10.07.2020 (11)

Topics : Lit : Poets and Pancakes,
A roadside Stand

Learning Outcomes : Students will gather information about the various departments of a film studio and make a comparative study of the development in this field.

Art Integration/Activity : Designing a flow chart on the structure and function of the various departments of the Gemini Studios.

Unit 8 13.07.2020 to 24.07.2020 (10)

Topics : Lit : Interview,
The third Level

W. Skills : Debate

Learning Outcomes : The students should be able to voice their views on socially relevant issues. Improvement of relevant vocabulary and clarity of ideas is expected.

Art Integration/Activity : Debate : Women the storehouse of unharnessed power

Unit 9 & Rev. 27.07.2020 to 07.08.2020 (09)

Topics : Revision

Unit 10 24.08.2020 to 11.09.2020 (15)

Topics : Going Places,
Memories of Childhood,

W. Skills :

Learning Outcomes : The students should be able to make a conscious choice of the career options as per their passion and also the various factors that influence a person's career choice

Art Integration/Activity : A composition on fondest and the most bitter memories of childhood

Unit 11 14.09.2020 to 25.09.2020 (11)

Topics : Lit : Indigo,
Journey to the End of the Earth

Learning Outcomes : Students should be able to trace the path of history, appreciate the effort of the

freedom fighters and realize their commitment towards their country. Their reading and analytical power is expected to improve.

Art Integration/Activity : Debate : Respect and patience towards women have their sources in the upbringing of the male child.

Unit 12 28.09.2020 to 16.10.2020 (15)

Topics : Lit : On the face of it...
Revision of Writing Skill and conduct of ASL

Learning Outcomes : The students are expected to become fluent debaters with clarity of ideas on different social issues with a decent vocabulary.

EXAMINATION SCHEDULE :

Periodic Asst.-1 30.03.2020 to 04.05.2020

Topics : Unit-1 to 3

Periodic Asst.-2 11.05.2020 to 27.07.2020

Topics : Unit-4 & 5

MOCK TEST-1 10.08.2020 to 21.08.2020

Topics :

Pre-Board-1 12.11.2020 to 04.12.2020

Topics :

Pre-Board-2 22.12.2020 to 11.01.2021

Topics :

हिन्दी ऐच्छिक (कोड संख्या)

प्रस्तावित पुस्तकें :

1. अन्तरा भाग-2/अन्तराल भाग-2
एन.सी.ई.आर.टी.
2. अभिव्यक्ति और माध्यम भाग-2
एन.सी.ई.आर.टी.

हिन्दी भाषा-शिक्षण के उद्देश्य :

मानव समाज को विधाता की ओर से जो सबसे बड़ा वरदान मिला है, वह है भाषा। बिना भाषा माध्यम के हम इतने सुंदर उच्चकोटि साहित्य के सृजन में असमर्थ हैं। मानव किसी ना किसी भाषा को तो स्वतः अनुकरण द्वारा सीख ही जाता है, परन्तु भाषा का लेखन व उसके उच्चस्वरूपक ज्ञान उ सेस प्रयासक रनाप इताहै।

भारतेन्दु हरिश्चंद्र का कहना है :

‘निज भाषा उन्नति अहै, सब उन्नति को मूल।

बिनु निज भाषा ज्ञान के मिटै न हिय को सूल’ ॥

हिन्दी भारत की राज भाषा है। भारतीय होने के नाते अपनी राज भाषा का ज्ञान हम सबको होना ही चाहिए। भाषा के सही ज्ञान द्वारा ही हम अपने मन के भावों को प्रकट करने में सक्षम हो सकते हैं। हिन्दी भाषा शिक्षण के चार कौशल श्रवण कौशल, पाठन कौशल, वाचन कौशल एवं लेखन कौशल है। इन सभी कौशलों का प्रयोग हिन्दी शिक्षण में आवश्यक है। अतः छात्रों में भावाभिव्यक्ति का कौशल भरना, शुद्ध व साहित्यिक भाषा का प्रयोग सिखाना तथा इसी भाषा के माध्यम से छात्रों को राजनैतिक, साहित्यिक, सामाजिक व समसामयिक विषयों की जानकारी देकर ऐसा युवावर्ग तैयार करना जो समाज, देश तथा विश्व की प्रगति में अपना अभूतपूर्व योगदान दे सकें।

Unit 1 02.03.2020 to 13.03.2020 (08)

अन्तरा : पाठ: 1 जयजंकर प्रसाद-देवसेना का गीत, कानॉलिया का गीत

अन्तराल : सूरदास की झोंपड़ी-प्रेमचंद

अधिगम बिंदु : साहित्यिक परिचय व रचनाएँ, प्रसंग/संदर्भ, छंद, अलंकार, काव्य सौन्दर्य, भाव सौन्दर्य, ए वंप रच चाँ। छ त्रोंद व् वाराअ दर्शव ाचन, भावानुसार पठन अभ्यास, सूरदास के व्यक्तित्व का स्पष्टीकरण, मूल कथ्य का स्पष्टीकरण, एवं प्रश्न चर्चा !

अभिव्यक्ति और माध्यम : रचनात्मक लेखन-1

अधिगम के प्रतिफल : विभिन्न माध्यमों के लिए लेखन, रेडियो, प्रिंट मीडिया, रेडियो समाचार लेखन, इंटरनेट एवं हिन्दी का नेट संसार, पत्रकारिता लेखन,

Unit 2 16.03.2020 to 27.03.2020 (10)

अन्तरा : पाठ: 2 सूर्यकान्त त्रिपाठी निराला- गीत गाने दो, सरोज स्मृति

अन्तराल : पाठ 2 आरोहण (सजीव)

अधिगम बिंदु : साहित्यिक परिचय व रचनाएँ, प्रसंग/संदर्भ, छंद, हिन्दी में शोकगीत पर चर्चा अलंकार, काव्य सौन्दर्य, भाव सौन्दर्य, एवं प्रश्न चर्चा। पर्वतीय प्रदेश के निवासियों का जीवन के लिए संघर्ष पर चर्चा, भौगोलिक चुनौतियों से परिपूर्ण जीवन की समस्याएँ प्रश्न चर्चा।

अधिगम के प्रतिफल : परिभाषा, विभिन्न रूप तथा समाचार लेखन, छह ककार, फीचर लेखन।

विशेष रिपोर्ट, स्तंभ लेखन, संपादक के नाम पत्र, लेख, साक्षात्कार।

<p>Unit 3 30.03.2020 to 18.04.2020 (13) अन्तरा : पाठ: 3 केदार नाथ सिंह क-बनारस, ख-दिशा गद्य खंड : पाठ 1 रामचंद्र शुक्ल (प्रेमधन की स्मृति छाया) अधिगम बिंदु : साहित्यिक परिचय व रचनाएँ, प्रसंग/संदर्भ, छंद, अलंकार, काव्य सौन्दर्य, भाव सौन्दर्य, एवं प्रश्न चर्चा। साहित्यिक परिचय व रचनाएँ, पाठ के कथ्य की व्याख्या, भाषा शैली, शब्द चयन, प्रमुख गद्यांशों की सप्रसंग व्याख्या, एवं पर चर्चा। अभिव्यक्ति और माध्यम : पत्र लेखन अधिगम के प्रतिफल : आलेख लेखन का अभ्यास, कविता लेखन-कविता कैसे बनती है। कविता क्या है ? पत्रों के प्रकार बताते हुए किसी समाचार पत्र के संपादक को पत्र। आवेदन अथवा प्रार्थना पत्र।</p>	<p>कथाओं का मर्म स्पष्टीकरण एवं प्रश्न चर्चा। अधिगम के प्रतिफल : शब्द चयन, प्रतीक चित्रात्मकता, छंद विधान, बिंब, भाव, संप्रेषण आदि। समस्या समाधान हेतु विभिन्न कार्यालयों को पत्र। स्ववृत्त लेखन। Unit 5 04.05.2020 to 15.05.2020 (09) अन्तरा : पाठ: 5 रघुवीर सहाय क-तोड़ो, ख-वसंत आया गद्य खंड : पाठ 3 ब्रजमोहन व्यास (कच्चा चिट्ठा) अधिगम बिंदु : साहित्यिक परिचय व रचनाएँ, प्रसंग/संदर्भ, छंद, अलंकार, काव्य सौन्दर्य, भाव सौन्दर्य, एवं प्रश्न चर्चा। साहित्यिक परिचय व रचनाएँ, पाठ के कथ्य की व्याख्या, भाषा शैली, शब्द चयन, प्रमुख गद्यांशों की सप्रसंग व्याख्या, एवं प्रश्न चर्चा। अभिव्यक्ति और माध्यम : नए एवं अप्रत्याशित विषयों पर लेखन। अधिगम के प्रतिफल : नाटक लेखन एवं अन्य विधाएँ, समय का बंधन, नाटक के तत्व, भाषा का पात्रानुसार चयन, संवाद शिल्प संरचना आदि। रोजगार संबंधी पत्र। विज्ञापन लेखन</p>	<p>अधिगम बिंदु : साहित्यिक परिचय व रचनाएँ, प्रसंग/संदर्भ, छंद, अलंकार, काव्य सौन्दर्य, भाव सौन्दर्य, एवं प्रश्न चर्चा। साहित्यिक परिचय व रचनाएँ, पाठ के कथ्य की व्याख्या, भाषा शैली, शब्द चयन, प्रमुख गद्यांशों की सप्रसंग व्याख्या, एवं प्रश्न चर्चा। अधिगम के प्रतिफल : यथा-दीवार घड़ी, दरवाजा, फोन, दिया और तूफान, कामकाजी महिला की शाम, परीक्षा के दिनों में, ईश्वर आदि। स्तरानुसार विषय लेखन अभ्यास। Unit 7 29.06.2020 to 10.07.2020 (11) अन्तरा : पाठ: 7 मलिक मुहम्मद जायसी क-बारह मासा, ख-पद गद्य खंड : पाठ 4 फणीश्वरनाथ रेणु (संवादिया) अधिगम बिंदु : साहित्यिक परिचय व रचनाएँ, प्रसंग/ संदर्भ, छंद, अलंकार, काव्य सौन्दर्य, भाव सौन्दर्य, एवं प्रश्न चर्चा। साहित्यिक परिचय व रचनाएँ, संवादिया का अर्थ महत्त्व, वर्तमान एवं पूर्व में नारी की स्थिति पाठ के कथ्य की व्याख्या, भाषा शैली, संवादिया का चरित्र चित्रण एवं प्रश्न चर्चा। अभिव्यक्ति और माध्यम : पत्र लेखन अधिगम के प्रतिफल : विद्यालय संबंधी समस्या का उल्लेख। संपादक के नाम पत्र। नागरिक शिकायत हेतु पत्र। दूरदर्शन, संचार माध्यमों से संबंधित पत्र, कार्यक्रम संबंधी सुझाव, रोजगार संबंधी कार्यक्रम, विज्ञापन</p>
<p>Unit 4 20.04.2020 to 01.05.2020 (10) अन्तरा : पाठ: 4 विष्णु खरे क-सत्य, ख-एक कम गद्य खंड : पाठ 2 पं. चंद्रधरशर्मा गुलेरी (सुमिरिनी के मनके) अधिगम बिंदु : साहित्यिक परिचय व रचनाएँ, प्रसंग/संदर्भ, छंद, अलंकार, काव्य सौन्दर्य, भाव सौन्दर्य, एवं प्रश्न चर्चा। साहित्यिक परिचय व रचनाएँ, विविध जन समस्याओं से संबंधित पत्र। शीर्षक : सुमिरिनी के मनके का अर्थ व भावार्थ, तीनों</p>	<p>Unit 6 15.06.2020 to 26.06.2020 (10) अन्तरा : पाठ: 6 तुलसी दास क-भरत राम का प्रेम, ख-पद गद्य खंड : पाठ 3 ब्रजमोहन व्यास (कच्चा चिट्ठा)</p>	<p>Unit 8 13.07.2020 to 24.07.2020 (10) अन्तरा : पाठ: 8 विद्यापति, क-पद</p>

<p>गद्य खंड : पाठ 5 भीष्म साहनी (गांधी नेहरू, यास्सेर आराफांत)</p> <p>अधिगम बिंदु : साहित्यिक परिचय व रचनाएँ, प्रसंग/संदर्भ, छंद, अलंकार, काव्य सौन्दर्य, भाव सौन्दर्य, एवं प्रश्न चर्चा। साहित्यिक परिचय व रचनाएँ, तीनों महापुरुषों का समन्वय, पाठ के कथ्य की व्याख्या, भाषा शैली, व्याख्या एवं प्रश्न चर्चा।</p> <p>अभिव्यक्ति और माध्यम : स्ववृत, अपठित गद्यांश/काव्यांश</p> <p>अधिगम के प्रतिफल : स्ववृत लेखन अभ्यास आदि। Unit 9 & Rev. 27.07.2020 to 07.08.2020 (09)</p> <p>अन्तरा : पाठ: 9 घनानन्द क-कवित, ख-सवैया</p> <p>गद्य खंड : पाठ 5 असगर वजाहत (शेर, पहचान, चार हाथ, साझा)</p> <p>अधिगम बिंदु : साहित्यिक परिचय व रचनाएँ, प्रसंग/संदर्भ, छंद, अलंकार, काव्य सौन्दर्य, भाव सौन्दर्य, एवं प्रश्न चर्चा। साहित्यिक परिचय व रचनाएँ, तीनों महान चरित्रों के हानियों के परिणामों की व्याख्या, जीवन मूल्यों की पहचान भाषा शैली, व्याख्या एवं प्रश्न चर्चा।</p> <p>अभिव्यक्ति और माध्यम : अपठित गद्यांश/काव्यांश Unit 10 24.08.2020 to 11.09.2020 (15)</p> <p>अन्तरा : पाठ 7 निर्मल वर्मा जहाँ कोई वापसी नहीं</p> <p>गद्य खंड : पाठ 9 ममता कालिया</p>	<p>दूसरा देवदास (शेर, पहचान, चार हाथ, साझा)</p> <p>अधिगम बिंदु : साहित्यिक परिचय व रचनाएँ, प्रसंग/संदर्भ, छंद, अलंकार, काव्य सौन्दर्य, भाव सौन्दर्य, एवं प्रश्न चर्चा। साहित्यिक परिचय व रचनाएँ, पाठ के कथ्य की व्याख्या, भाषा शैली, शब्द चयन, प्रमुख गद्यांशों की सप्रसंग व्याख्या, एवं प्रश्न चर्चा।</p> <p>अभिव्यक्ति और माध्यम : पुनरावृत्ति</p> <p>अधिगम के प्रतिफल : रचनात्मक लेखन द्वारा अपनी विचार धारा को प्रस्तुत करने की क्षमता का विकास।</p> <p>Unit 11 14.09.2020 to 25.09.2020 (11)</p> <p>गद्य खंड : पाठ 8 रामविलास शर्मा यथास्मै रोचते</p> <p>पाठ 10 हजारी प्रसाद दिवेदी कुटज</p> <p>अधिगम बिंदु : साहित्यिक परिचय व रचनाएँ, पाठ के कथ्य की व्याख्या, भाषा शैली, शब्द चयन, प्रमुख गद्यांशों की सप्रसंग व्याख्या, एवं प्रश्न चर्चा। साहित्यिक परिचय व रचनाएँ, पाठ के कथ्य की व्याख्या, भाषा शैली, शब्द चयन, प्रमुख गद्यांशों की सप्रसंग व्याख्या, एवं प्रश्न चर्चा।</p> <p>अभिव्यक्ति और माध्यम : पुनरावृत्ति</p> <p>अधिगम के प्रतिफल : स्वरचित कहानी निर्माण से अंतर्मुखी प्रतिभा का विकास।</p> <p>अन्य कथाओं को पढ़कर नाटक से समीक्षा करने की कला में निपुणता उत्पन्न करना।</p>	<p>बोलने की कला में निपुणता का गुण उत्पन्न होना।</p> <p>Unit 12 28.09.2020 to 16.10.2020 (15)</p> <p>: पाठ 4 अपना मालवा-खाऊ उजाड़ू सभयता में (प्रभाष जोशी)</p> <p>अधिगम बिंदु : छात्रों द्वारा आदर्श वाचन, भावानुसार पठन अभ्यास, सूरदास के व्यक्तित्व का स्पष्टीकरण, मूल कथ्य का स्पष्टीकरण, एवं प्रश्न चर्चा।</p> <p>अभिव्यक्ति और माध्यम : पुनरावृत्ति पाठ 3 विस्कोहर की माटी (विश्वनाथ त्रिपाठी)</p> <p>अधिगम बिंदु : छात्रों द्वारा आदर्श वाचन, भावानुसार पठन अभ्यास, सूरदास के व्यक्तित्व का स्पष्टीकरण, मूल कथ्य का स्पष्टीकरण, एवं प्रश्न चर्चा।</p> <p>अभिव्यक्ति और माध्यम : पुनरावृत्ति</p> <p>अधिगम के प्रतिफल : श्रवण कौशल व लिखित, मौखिक परीक्षा के माध्यम से विद्यार्थियों के अंदर छिपी बहुमुखी प्रतिभा से अवगत होकर सुखद अनुभूति का अनुभव। स्वमुल्यांकन करने की क्षमता का विकास। निरंतर प्रयास, लगन व परिश्रम का सामर्थ्य उत्पन्न होना, लक्ष्य की ओर बढ़ने की प्रेरणा अंतःकरण में उत्पन्न होना।</p> <p>EXAMINATION SCHEDULE : Periodic Asst.-1 30.03.2020 to 04.05.2020</p> <p>अन्तरा : पाठ: 1 जयजंकर प्रसाद- देवसेना का गीत, कानौलिया का गीत</p>
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MATHEMATICS

अन्तराल : सूरदास की झोंपड़ी
विभिन्न माध्यमों के लिए लेखन, रेडियो, प्रिंट मीडिया,
रेडियो समाचार लेखन, इंटरनेट एवं हिन्दी का नेट
संसार, पत्रकारिता लेखन,

अपठित गद्यांश/काव्यांश, पत्र लेखन

Periodic Asst.-2 11.05.2020 to 27.07.2020

अन्तराल : पाठ: 2 सूर्यकान्त त्रिाठी निराला-
गीत गाने दो, सरोज स्मृति

अन्तराल : पाठ 2 आरोहण (सजीव)

आलेख लेखन का अभ्यास,

कविता लेखन-कविता कैसे बनती है। कविता क्या
है? पत्रों के प्रकार बताते हुए किसी समाचार पत्र
के संपादक को पत्र। आवेदन अथवा प्रार्थना पत्र।

अपठित गद्यांश/काव्यांश, पत्र लेखन।

MOCK TEST-1 10.08.2020 to 21.08.2020

1. अन्तराल भाग-2/अन्तराल भाग-2

पाठ 1 से 5 तक दोनों पुस्तक से

2. अभिव्यक्ति और माध्यम भाग-2 पाठ 1 और 2

3. रचनात्मक - संपूर्ण

Pre-Board-1 12.11.2020 to 04.12.2020

1. अन्तराल भाग-2/अन्तराल भाग-2 : संपूर्ण

2. अभिव्यक्ति और माध्यम : संपूर्ण

3. रचनात्मक: : संपूर्ण

Pre-Board-2 22.12.2020 to 11.01.2021

1. अन्तराल भाग-2/अन्तराल भाग-2 : संपूर्ण

3. रचनात्मक: : संपूर्ण।

2. अभिव्यक्ति और माध्यम : संपूर्ण

Prescribed Book :

NCERT Text Book

Refrence Book :

1. Exempler Problems by NCERT

2. DOE Support material

Teaching Objective of Senior Secondary

Level Mathematics :

The main goal of mathematics education in schools is the mathematisation of the child's thinking. Clarity of thought and pursuing assumptions to logical conclusions is central to the mathematical enterprise. There are many ways of thinking, and the kind of thinking one learns in mathematics is an ability to handle abstractions, and an approach to problem solving. Universalization of schooling has important implications for mathematics curriculum.

In our vision, school mathematics takes place in a situation where :

- (1) Children learn to enjoy mathematics
- (2) Children learn important mathematics
- (3) Mathematics is a part of children's life experience which they talk about
- (4) Children pose and solve meaningful problems
- (5) Children use abstractions to perceive relationships and structure
- (6) Children understand the basic structure of mathematics and
- (7) Teachers expect to engage every child in class.

Unit 1 02.03.2020 to 13.03.2020 (08)

Topic : **Ch-3 & 4 Matrices & Determinants-**

Concept, notation, order, equality, types of matrices, zero and identity matrix, transpose of a

matrix, symmetric and skew symmetric matrices. Operation on matrices : Addition and multiplication and multiplication with a scalar. Simple properties of addition, multiplication and scalar multiplication. Non-commutativity of multiplication of matrices and existence of non zero matrices whose product is the zero matrix (restrict to square matrices of order 2). Concept of elementary row and column operations. Invertible matrices and proof of the uniqueness of inverse, if it exists; (Here all matrices will have real entries).

Learning Outcomes : Students will be able to understand concept of Matrices & Determinants. They will be able to do operation on it. They will be able to evaluate determinants of order 2 and 3. They will be able to apply the concept in consistency and solving system equations.

Unit 2 16.03.2020 to 27.03.2020 (10)

Topic : **Ch-1 Relation & Function-**

Types of relations : reflexive, symmetric, transitive and equivalence relations. One to one and onto functions, composite functions, inverse of a function.

Learning Outcomes : Students will be able to understand different types of relations and functions. They will be able to identify one-one and onto functions. They will enjoy to find inverse of functions.

Art Integration/Lab Activity : To demonstrate a function which is not one-one but is not onto.

Unit 3 30.03.2020 to 18.04.2020 (13)

Topic : **Ch-2 Inverse Trigonometry-**

Definition, range, domain, principal value branch. Graphs of inverse trigonometric functions. Elementary properties of inverse trigonometric functions.

Learning Outcomes : Students will be able to

understand domain, range and graphs of inverse trigonometric functions. They will be able to solve and simplify trigonometric equation and expression.

Art Integration/Lab Activity : To draw the graph of inverse of $\sin x$ using concept of mirror reflection.

Unit 4 20.04.2020 to 01.05.2020 (10)
Topic : **Chap -5 Continuity and Differentiability-**

Continuity and differentiability, derivative of composite functions, chain rule, derivative of inverse trigonometric functions, derivative of implicit functions. Concept of exponential and logarithmic functions.

Derivatives of logarithmic and exponential functions. Logarithmic differentiation, derivative of functions expressed in parametric forms. Second order derivatives. Rolle's and Lagrange's Mean Value Theorems (without proof) and their geometric interpretation.

Learning Outcomes : Students will be able to apply concept of continuity in real life. They will be able to evaluate differentiation of various functions. They will be able to apply concept of continuity and differentiability in Rolle's and Lagrange's Mean Value Theorems.

Art Integration/Lab Activity :

1. To verify Rolle's theorem
2. To verify Lagrange's Mean Value theorem.

Unit 5 04.05.2020 to 15.05.2020 (09)
Topic : **Ch-6 Applications of Derivatives-**

Applications of derivatives : rate of change of bodies, increasing/decreasing functions, tangents and normals, use of derivatives in approximation, maxima and minima (first derivative test motivated

geometrically and second derivative test given as a provable tool). Simple problems (that illustrate basic principles and understanding of the subject as well as real-life situations).

Learning Outcomes : Students will be able to apply concept of differentiation to find rate measure, increasing, tangents and normal. They will be able to find minimum and maximum of given function or situation.

Art Integration/Lab Activity :

1. To construct an open box of maximum volume from a given rectangular sheet
2. To verify that amongst all the rectangles of the same perimeter, the square has the maximum area.

Unit 6 15.06.2020 to 26.06.2020 (10)
Topic : **Ch-7 Integration-**

Integration as inverse process of differentiation. Integration of a variety of functions by substitution, by partial fractions and by parts, Evaluation of simple integrals of the following types and problems based on them. Definite integrals as a limit of a sum, Fundamental Theorem of Calculus (without proof). Basic properties of definite integrals and evaluation of definite integrals.

Learning Outcomes : Students will be able to integrate given function in various forms. They will be able to apply partial fractions and by parts. They will be able to understand concept of definite integral and its properties.

Art Integration/Lab Activity : To evaluate the definite integral as a limit of sums.

Unit 7 29.06.2020 to 10.07.2020 (11)
Topic : **Ch-7 Integration cont. and Ch-8 Applications of the Integrals-**

Applications in finding the area under simple

curves, especially lines, circles/ parabolas/ ellipses (in standard form only), Area between any of the two above said curves (the region should be clearly identifiable).

Learning Outcomes : Students will be able find area under the closed region made by line/parabola/circle/ellipse using concept of integration.

Unit 8 13.07.2020 to 24.07.2020 (10)
Topic : **Ch-9 Differential Equations-**

Definition, order and degree, general and particular solutions of a differential equation. Formation of differential equation whose general solution is given. Solution of differential equations by method of separation of variables, solutions of homogeneous differential equations of first order and first degree. Solutions of linear differential equation of the type :

$$\frac{dy}{dx} + py = q, \text{ where } p \text{ and } q \text{ are functions of } x \text{ or constants.}$$

$$\frac{dx}{dy} + px = q, \text{ where } p \text{ and } q \text{ are functions of } y \text{ or constants.}$$

Learning Outcomes : Students will be able to find order and degree of differential equation. They will be able to form differential equation under given condition. They will be able to solve differential equation using concept of separation of variables, homogeneous and linear differential equation.

Unit 9 & Rev. 27.07.2020 to 07.08.2020 (09)
Topic : Revision

Unit 10 24.08.2020 to 11.09.2020 (15)
Topic : **Ch-10 Vectors-**

Vectors and scalars, magnitude and direction of a vector. Direction cosines and direction ratios of a vector. Types of vectors (equal, unit, zero, parallel and collinear vectors), position vector of a point, negative of a vector, components of a vector,

addition of vectors, multiplication of a vector by a scalar, position vector of a point dividing a line segment in a given ratio. Definition, Geometrical Interpretation, properties and application of scalar (dot) product of vectors, vector (cross) product of vectors, scalar triple product of vectors.

Revision for Mock Test

Learning Outcomes : Students will be able to find magnitude and direction of a vector. They will be able find dot and cross product of given two vectors. They will be able to apply it in finding projection, area and volume.

Unit 11 14.09.2020 to 25.09.2020 (11)

Topic : **Ch-11 Three - dimensional Geometry-**

Direction cosines and direction ratios of a line joining two points. Cartesian equation and vector equation of a line, coplanar and skew lines, shortest distance between two lines. Cartesian and vector equation of a plane. Angle between (i) two lines, (ii) two planes, (iii) a line and a plane. Distance of a point from a plane.

Learning Outcomes : Students will be able to find direction cosines and direction ratios of a line in various forms. They will be able to find equation of lines and planes in various forms. They will be able to find shortest distance between given two lines. They will be able to find angles between two lines, two planes and line and plane. They will be able to find distance between a point and plane.

Art Integration/Lab Activity :

1. To demonstrate equation of plane in normal form.
2. To measure the shortest distance between two skew lines and verify it analytically.

Unit 12 28.09.2020 to 16.10.2020 (15)

Topic : **Ch-12 Linear Programming Problems-**

Introduction, related terminology such as constraints, objective function, optimization, different types of linear programming (L.P.) problems, mathematical formulation of L.P. problems, graphical method of solution for problems in two variables, feasible and infeasible regions (bounded or unbounded), feasible and infeasible solutions, optimal feasible solutions (up to three non-trivial constraints).

Topic : **Ch-13 Probability-**

Conditional probability, multiplication theorem on probability, independent events, total probability, Bayes' theorem, Random variable and its probability distribution, mean and variance of random variable.

Learning Outcomes : Students will be able to optimize given situation using concept of linear programming (L.P.) problems.

Students will be able to find probability using concept of Conditional probability, Bayes' theorem. They will be able find probability distribution including mean and variance of random variable.

Art Integration/LabActivity : To explain the computation of conditional probability of a given event A, when event B has already occurred, through a pair of dice.

REVISION SCHEDULE :

Rev. Pre-Board-1 19.10.2020-10.11.2020 (15)

Topic : Full syllabus recap with Previous year CBSE papers and sample Papers and testing

Rev. Pre-Board-2 07.12.2020-18.12.2020 (09)

Topic : Full syllabus recap with Previous year CBSE papers and sample Papers and testing

EXAMINATION SCHEDULE :

Periodic Asst.-1 30.03.2020 to 04.05.2020

Topic : Unit 1 to 3

Periodic Asst.-2 11.05.2020 to 27.07.2020

Topic : Unit 1 to 3

MOCK TEST-1 10.08.2020 to 21.08.2020

Topic : Unit 1 to 8

Pre-Board-1 12.11.2020 to 04.12.2020

Topic :

Pre-Board-2 22.12.2020 to 11.01.2021

Topic :

PHYSICS

Prescribed Book :

Physics Text Book NCERT

Reference books :

New Simplified Physics By : S.L. Arora

Objectives :

With this background, the Physics curriculum at the higher secondary stage attempts to :

Strengthen the concepts developed at the secondary stage to provide firm ground work and foundation for further learning Physics at the tertiary level more effectively and learning the relationship with daily-life situations;

- ◆ Develop conceptual competence in the learners and make them realize and appreciate the interface of Physics with other disciplines;
- ◆ Expose the learners to different processes used in Physics-related industrial and technological applications;
- ◆ Develop process-skills and experimental, observational, manipulative, decision-making and investigatory skills in the learners;

- ◆ Promote problem-solving abilities and creative thinking to develop interest in the learners in the study of Physics as a discipline;
- ◆ Understand the relationship between nature and matter on scientific basis, develop positive scientific attitude, and appreciate the contribution of Physics towards the improvement of quality of life and human welfare;
- ◆ Physics teaching-learning at the higher secondary stage enables the learners to comprehend the contemporary knowledge and develop aesthetic sensibilities and process skills.

The experimental skills and process-skills developed together with conceptual Physics knowledge prepare the learners for more meaningful learning experiences and contribute to the significant improvement of quality of life. The learners would also appreciate the role and impact of Physics and technology, and their linkages with overall national development.

Unit 1 02.03.2020 to 13.03.2020 (08)

Topic : Ch-1 Electric charges and field

Learning Outcomes : Students acquire the basic knowledge of Electric charges, concept of electrostatic force in vector form, different distribution of charges, Electric field produced by different distribution of charges and its mathematical analysis. Student will be able to relate the phenomena of charging of a body with daily life.

Art integration/Lab Activities : Presentation from the students

- ❖ Different Graphs
- ❖ Diagrams
- ❖ Question bank

Unit 2 16.03.2020 to 27.03.2020 (10)
Topic : Ch-2 Electrostatic Potential and Capacitance

Learning Outcomes : Student will be able to relate the Electrical potential with electric field. Student will be able to understand the working of charge storing device i.e, capacitor

Art integration/Lab Activities : Presentation from the Students

- ❖ Lab demonstration
- ❖ Question bank
- ❖ CBSE Sample Paper

Unit 3 30.03.2020 to 18.04.2020 (13)

Topic : Ch-3 Current Electricity

Learning Outcomes : Students are able to understand the concept of Potential difference and current and also the process of finding the unknown current in a loop using KVL and KCL. Students will be able to understand the practical application of resistors and cells and its different combination in real life. Students will be able to operate different electrical instruments like Potentiometer, Meter bridge, Galvanometer, Voltmeter, ammeter etc. also they learned

Art integration/Lab Activities :

1. To determine resistance per cm of a given wire by plotting a graph for potential difference versus current.
2. To find resistance of a given wire using metre bridge and hence determine the resistivity (specific resistance) of its material.
3. To verify the laws of combination (series) of resistances using a metre bridge.
4. To verify the laws of combination (parallel) of resistances using a metre bridge.
5. To compare the EMF of two given primary cells using potentiometer.

6. To determine the internal resistance of given primary cell using potentiometer.

Unit 4 20.04.2020 to 01.05.2020 (10)

Topic : Ch-4 Magnetic Effect of Current

Learning Outcomes : Student will learn about the relation between electricity and Magnetism and different methods to find the Magnetic field due to different types of conductor. Student will learn about the force between two parallel conductors and its mathematical analysis depending upon the directions of current.

Student will learn about the conversion of galvanometer into ammeter and voltmeter of desired range.

Art integration/Lab Activities : Experimental demonstration of Oersted's experiment.

Experimental demo of Plotting of Magnetic Field lines for Bar Magnet

Unit 5 04.05.2020 to 15.05.2020 (09)

Topic : Ch-5 Magnetism and matter

Learning Outcomes : Students will learn about the different magnetic materials and their properties.

Students will learn about earth's magnetism and its element.

Unit 6 15.06.2020 to 26.06.2020 (10)

Topic : Ch-6 Electromagnetic Induction & Ch-7 Alternating Current

Learning Outcomes : Students will learn about the different method to induce an emf in a given conductor which is useful to understand the concept of Mutual and self induction.

Students acquire the basic knowledge about the Principle construction working and real life application of Transformer and AC Generator

Art integration/Lab Activities : 10. To find the frequency of AC mains with a sonometer.

Unit 7 29.06.2020 to 10.07.2020 (11)
Topic : Ch-8 Electromagnetic Wave
Learning Outcomes : Student acquires knowledge about the Practical application of EMW in our Daily life.
Art integration/Lab Activities : Group Discussion to discuss the Practical Applications of EMW in field of Communication, Medical, etc.

Unit 8 13.07.2020 to 24.07.2020 (10)
Topic : Ch-9 Ray Optics
Learning Outcomes : Student will learn about the different types of mirror and lenses and respective ray diagrams for image formation along the mathematical tactics and Analysis.
 Student will learn the different optical phenomena of in our daily life like Colour of a sky and cloud, Advanced sunrise and delayed sunset etc.

Art integration/Lab Activities :

- To find the value of v for different values of u in case of a concave mirror and to find the focal length.
- To find the focal length of a convex mirror, using a convex lens.
- To find the focal length of a convex lens by plotting graphs between u and v or between $1/u$ and $1/v$.
- To find the focal length of a concave lens, using a convex lens.
- To determine angle of minimum deviation for a given prism by plotting a graph between angle of incidence and angle of deviation.
- To determine refractive index of a glass slab using a travelling microscope.

Unit 9 & Rev. 27.07.2020 to 07.08.2020 (09)
Topic : Chapter 10- Wave Optics
Learning Outcomes : Student will learn about the Wave nature of light

Learner will be able to learn interference, diffraction pattern and polarisation.
Art integration/Lab Activities : Presentation from the Students

- ❖ Question bank
- ❖ CBSE Sample Paper

Unit 10 24.08.2020 to 11.09.2020 (15)
Topic : Ch-11 Dual nature of matter and Atom
Learning Outcomes : Learners will be able to understand the dual nature of light (Wave and Particle) along with experimental and mathematical verification

Art integration/Lab Activities : Presentation from the Students

- ❖ Question bank
- ❖ CBSE Sample Paper

Unit 11 14.09.2020 to 25.09.2020 (11)
Topic : Ch-12 Atoms and Ch-13 Nuclei
Learning Outcomes : Learners will be able to understand the Concept of atoms and nuclei with help of different models developed by different scientists (Rutherford's model, bohr's model etc.)

Art integration/Lab Activities : Presentation from the Students

- ❖ Question bank
- ❖ CBSE Sample Paper

Unit 12 28.09.2020 to 16.10.2020 (15)
Topic : Ch-14 Semiconductor Electronics
Learning Outcomes : Learners will be able to understand the Concept of Conductors, Insulator and semiconductor with the help of Band Energy Theory.
 Learners will be able to understand the Classification of semiconductors along with

Practical applications in PN diode, Rectifiers, Optoelectronic devices.
Art integration/Lab Activities :

- To draw the I-V characteristic curve for a p-n junction in forward bias and reverse bias.

9. To draw the characteristic curve of a zener diode and to determine its reverse break down voltage.

EXAMINATION SCHEDULE :

Periodic Asst.-1 30.03.2020 to 04.05.2020
 Topic : Ch-1, Ch-2

Periodic Asst.-2 11.05.2020 to 27.07.2020
 Topic : Ch-4, Ch-3

MOCK TEST-1 10.08.2020 to 21.08.2020
 Topic : Ch-1, 2, 3, 4, 5, 6, 7, 8

Pre-Board-1 12.11.2020 to 04.12.2020
 Topic : Full Syllabus

Pre-Board-2 22.12.2020 to 11.01.2021
 Topic : Full Syllabus

CHEMISTRY

Prescribed Book :

Unit 1 02.03.2020 to 13.03.2020 (08)
Topic : solution
Learning Objectives : Students must have idea of different type of solution, calculation of concentration, application and colligative property and use

Learning Outcomes : Students understand what is solution how we categorised it and laws applicable and its importance

Manual activities and Art integration : Experiment of osmosis, Graphical representation of positive and negative deviation, Activity related to elevation and depression in freezing point etc

Unit 2 16.03.2020 to 27.03.2020 (10)

Topic : Chemical kinetics

Learning Objectives : Students must have idea of chemical kinetics , rate of reaction its calculation and application

Learning Outcomes : Students understand about chemical kinetics , rate of reaction its calculation and application

Manual activities and Art integration :

Numericals related to topic, graph related to exothermic and endothermic reaction . role of catalyst,

Unit 3 30.03.2020 to 18.04.2020 (13)

Topic : Electrochemistry

Learning Objectives : Students must have idea of different types of cell, terms related to it, working of cell and its example

Learning Outcomes : Students understand about different types of cell, terms related to it, working of cell and its example

Manual activities and Art integration :

Chart related to different cell,

Unit 4 20.04.2020 to 01.05.2020 (10)

Topic : General principles and process of Isolation, Surface chemistry

Learning Objectives : Students must have idea of metallurgy, its steps principles involved, and uses

Learning Outcomes : Students understand about metallurgy, its steps principles involved, and uses

Manual activities and Art integration : Chart of metallurgy and activity related to method of concentration of ore

Unit 5 04.05.2020 to 15.05.2020 (09)

Topic : Biomolecule

Learning Objectives : Students must have idea

of biomolecule its classification application and uses

Learning Out comes : Students understand about biomolecule its classification application and uses

Manual activities and Art integration : Model of DNA, comparison chart of DNA and RNA,

Unit 6 15.06.2020 to 26.06.2020 (10)

Topic : P block

Learning Objectives : Students must have idea about p block elements its general behavior, reason, and exceptions

Learning Outcomes : Students understand about p block elements its general behavior, reason, and exceptions

Manual activities and Art integration :

Intersection quiz, word map questions

Unit 7 29.06.2020 to 10.07.2020 (11)

Topic : d block

Learning Objectives : Students must have idea about d block elements its general behavior, reason, and exceptions

Learning Outcomes : Students understand about d block elements its general behavior, reason, and exceptions

Manual activities and Art integration :

Intersection quiz, word map questions

Unit 8 13.07.2020 to 24.07.2020 (10)

Topic : Coordination compound, polymer

Learning Objectives : Students must have idea about coordination compound, nomenclature, isomerism and bonding in coordination compound

Learning Outcomes : Students understand about coordination compound, nomenclature, isomerism and bonding in coordination compound

Manual activities and Art integration :

Mind map, chart, conversions

Unit 9 & Rev. 27.07.2020 to 07.08.2020 (09)

Topic : Haloalkane and arene

Learning Objectives : Students must have idea of nomenclature, GMOP, chemical preparation and name reaction

Learning Outcomes : Students understand about nomenclature, GMOP, chemical preparation and name reaction

Manual activities and Art integration :

Mind map, chart, conversions

Unit 10 24.08.2020 to 11.09.2020 (15)

Topic : Alcohol, phenol and Ether

Learning Objectives : Students must have idea of nomenclature, GMOP, chemical preparation and name reaction

Leaning Outcomes : Students understand about nomenclature, GMOP, chemical preparation and name reaction

Manual activities and Art integration :

Mind map, chart, conversions

Unit 11 14.09.2020 to 25.09.2020 (11)

Topic : Carbonyl compound and carboxylic acid

Learning Objectives : Students must have idea of nomenclature, GMOP, chemical preparation and name reaction

Learning Outcomes : Students understand about nomenclature, GMOP, chemical preparation and name reaction

Manual activities and Art integration :

Mind map, chart, conversions

Unit 12 28.09.2020 to 16.10.2020 (15)

Topic : Amine, Chemistry and every day life

Learning Objectives : Students must have idea of nomenclature, GMOP, chemical preparation and name reaction

Learning Outcomes : Students understand about nomenclature, GMOP, chemical preparation and name reaction

Manual activities and Art integration :

Mind map, chart, conversions

EXAMINATION SCHEDULE :

Periodic Asst.-1 30.03.2020 to 04.05.2020

Topic : Ch-1 to Ch-4

Periodic Asst.-2 11.05.2020 to 27.07.2020

Topic : Ch-5 to Ch-7

MOCK TEST-1 10.08.2020 to 21.08.2020

Topic :

Pre-Board-1 12.11.2020 to 04.12.2020

Topic :

Pre-Board-2 22.12.2020 to 11.01.2021

Topic :

BIOLOGY

Prescribed Book :

1. NCERT Biology
2. X-am Idea
3. Truemann to the point series
4. Champion Biology (Dinesh Publications)
5. Practical File : Samar Practical file
6. Practical manual : Comprehensive

Objectives :

- ❖ To promote understanding of basic principles of Biology.
- ❖ To encourage learning of emerging knowledge and its relevance to individual and society.
- ❖ To promote rational/scientific attitude to issues related to population, environment and development.
- ❖ To enhance awareness about environmental

issues, problems and their appropriate solutions.

- ❖ To create awareness amongst the learners about diversity in the living organisms and developing respect for other living beings.
- ❖ To appreciate that the most complex biological phenomena are built on essentially simple processes.

Unit 1 02.03.2020 to 13.03.2020 (08)

**Topic : Ch-1 : Reproduction in Organisms
Ch-2 : Sexual Reproduction in Flowering Plants**

Learning outcomes :

1. Gain knowledge about concepts of reproduction and will be able to relate it with variation and evolution
2. Will be able to relate organism's body design to complexity of reproduction method
3. Able to use gained knowledge for practical purpose or in day today life i.e will be able to identify fruit or seed type
4. Can apply knowledge gained on pollination in crop breeding
5. Able to correlate flower type with pollination methodology adopted

Art integration :

1. Collage of different asexual reproduction methods
2. Flow chart on steps of sexual reproduction
3. Creative diagrams of Micro and mega-sporogenesis
4. Exit cards of structure of mega and micro-sporangium
5. Flow chart on zygote development

Unit 2 16.03.2020 to 27.03.2020 (10)

**Topic : Ch-3 : Human Reproduction
Ch-4 : Reproductive Health**

Learning outcomes :

1. To relate basic functioning of human body wrt reproduction
2. To apply basic knowledge gained in practical aspects of life
3. Can correlate the healthy reproductive systems with good fetal development
4. Can relate to healthy habits to better reproductive health
5. Can apply knowledge gained in educating masses

Art integration :

1. Word wall for difficult terms along with meaning
2. Creative diagrams of reproductive systems
3. Flowchart on gametogenesis
4. Role play on method of contraception and their functions
5. Flowchart on ART

Unit 3 30.03.2020 to 18.04.2020 (13)

Topic : Ch-5 : Principles of Inheritance and Variation

Learning outcomes :

1. Gain knowledge about concepts of genes / alleles and apply the concepts to higher domains when needed
2. Can correlate the blood groups and gene nature
3. Can correlate the skin color as additive effect of genes
4. Can apply knowledge gained in predicting the inheritance pattern of any genetic disorder in a family tree

Art integration :

1. Word wall of terms of genetics with meaning
2. Punnet square presentation of any cross
3. Tabulation of blood groups and alleles involved

4. Chart of genetic disorder and their symptoms
Unit 4 20.04.2020 to 01.05.2020 (10)
 Topic : Ch-6 : Molecular Basis of Inheritance
 Learning outcomes :

1. Gain knowledge about concepts of DNA and apply the concepts to higher domains when needed i.e RAPD, RFLP and AFLP.
2. Can correlate the error in DNA copying to variation
3. Can comprehend the differences between pro and eukaryotic transcription and can relate it to their internal structure
4. Can correlate the sequencing of human genome as path breaking study for genetic disease treatments

Art integration :

1. Model making of DNA using straw and pastel sheet
2. Making nucleosome model using ball and wires
3. Flow chart on DNA replication
4. Table for enzymes in molecular biology with functions

Unit 5 04.05.2020 to 15.05.2020 (09)
 Topic : Ch-7 : Evolution + Revision
 Learning outcomes :

1. Will be able to categorise groups/phylas animals as old or recent on the basis of their evolutionary roots
2. Can relate to phylogeny of any organism
3. Can correlate and trace out ancestors of any group

Art integration :

1. Diagram of Miller and Urey's experimental set up
2. Human evolution chart

3. Graphs of different ways of natural selection
Unit 6 15.06.2020 to 26.06.2020 (10)
 Topic : Ch-8 : Human Health and Diseases
 Ch-10 : Microbes in Human Welfare
 Learning outcomes :

1. To apply basic concepts in daily life for better prevention from deadly infectious diseases like AIDS
2. Can read a vaccination card
3. Can correlate the importance of immunity types under different situations i.e snake bite / accident etc
4. Can compare traditional vaccines with a much newer concepts like edible vaccines and genetically engineered vaccines
5. To apply basic concepts in daily life i.e making curd, cheese, idli, cleaning fruit juices using proteases and other beverages at small scale

Art integration :

1. Table on infectious diseases with casual, organism, symptoms, mode of spread and treatment
2. Diagram of life cycle of HIV – AIDS virus
3. Flow chart on working mechanism of immune responses
4. Table of name of microbes , their products and use
5. Flow chart on sewage treatment

Unit 7 29.06.2020 to 10.07.2020 (11)
 Topic : Ch-9 : Strategies for Enhancement in Food Production
 Learning outcomes :

1. Gain knowledge about concepts of breeding and apply the concepts to higher domains
2. Can correlate the concept of gene markers in breeding programmes

Art integration :

1. Flow chart on MOET
2. Mind map on plant breeding
3. Exit cards for Tissue culture

Unit 8 13.07.2020 to 24.07.2020 (10)
 Topic : Ch-11 : Biotechnology - Principles and Processes
 Learning outcomes :

1. Gain knowledge about concepts of genetic engineering and apply the concepts to higher domains
2. Can relate to the need of different enzymes and vectors in plants and animals
3. Can relate the knowledge gained to current research field of nif genes transfer in non leguminous plants

Art integration :

1. Diagram of mechanism of action of Eco RI to form rDNA
2. Diagram of bioreactors
3. Flow chart on steps of forming a recombinant protein

Unit 9 & Rev. 27.07.2020 to 07.08.2020 (09)
 Topic : Ch-12 Biotechnology and its Application
 Learning outcomes :

1. Gained knowledge about concepts can be applied to the concepts of higher domains
2. Can relate to the benefits reaped by genetically engineered insulin over normal insulin

Art integration :

1. Flow charts on production of Bt-cotton plant
2. Exit cards on steps of nematode resistant plant
3. Diagram of insulin

Unit 10 24.08.2020 to 11.09.2020 (15)
Topic : Ch-13 Organisms and Populations
Ch-14 Ecosystem

Learning outcomes :

1. Able to relate to their distribution of organisms on the basis of factors and organism's attributes
2. Able to comprehend the need of methods to escape stressful conditions by certain group of organisms
3. Able to relate to emphasis of interactions among different populations in ecosystems to their survival value

Art integration :

1. World wall of ecological terms with meaning
2. Presentation on population interactions and their examples

Unit 11 14.09.2020 to 25.09.2020 (11)

Topic : Ch-14 : Ecosystem
Ch-15 : Biodiversity and its Conservation

Learning outcomes :

1. Gained knowledge can be applied to save and conserve biodiversity and natural resources
2. Can relate and value the services provided free of cost by nature

Art integration :

1. Charts on patterns of biodiversity
2. Flow chart on FOAM

Unit 12 28.09.2020 to 16.10.2020 (15)

Topic : Ch-16 : Environmental Issues

Learning outcomes :

1. Knowledge gained will be applied in being a responsible citizen and saving resources
2. Able to relate to working of different devices and policies and their role in pollution control
3. Able to relate to climate changes as a

consequences of enhanced greenhouse effect

Art integration :

1. Diagram of electrostatic precipitator and scrubber
2. Small play on air pollution and its consequences

EXAMINATION SCHEDULE :

Periodic Asst.-1 30.03.2020 to 04.05.2020

Topic : Ch-1, Ch-2 and Ch-3

Periodic Asst.-2 11.05.2020 to 27.07.2020

Topic : Ch-5, Ch-6

MOCK TEST-1 10.08.2020 to 21.08.2020

Topic :

Pre-Board-1 12.11.2020 to 04.12.2020

Topic : Full Syllabus

Pre-Board-2 22.12.2020 to 11.01.2021

Topic : Full Syllabus

COMPUTER SCIENCE

Learning Outcomes :

1. Basic computational thinking. Learn how to reason with variables, state transitions, conditionals, and iteration.
2. Notion of data types, and higher order data structures such as lists, and dictionaries.
3. Concepts of data handling: Strings creating and importing modules.
4. Structure of simple SQL queries.
5. Cyber safety.

Have a clear understanding of cyber ethics and cybercrime. Understand the value of technology in societies, gender and disability issues, and the technology behind biometric ids.

Unit 1 02.03.2020 to 13.03.2020 (08)

Topic : Review of Python

Objective : Revise basics of Python

Unit 2 16.03.2020 to 27.03.2020 (10)

Topic : Functions

Objective : Understand the concept of functions and recursion.

Unit 3 30.03.2020 to 18.04.2020 (13)

Topic : Using Python Libraries

Objective : Learn how to create and use Python libraries.

Unit 4 20.04.2020 to 01.05.2020 (10)

Topic : Data File Handling

Objective : Learn file handling.

Unit 5 04.05.2020 to 15.05.2020 (09)

Topic : Program Efficiency

Objective : Learn about the concept of efficiency in algorithms and computing in general.

Unit 6 15.06.2020 to 26.06.2020 (10)

Topic : Data Structures in Python

Objective : Learn basic data structures: lists, stacks, and queues.

Unit 7 29.06.2020 to 10.07.2020 (11)

Topic : Data Visualization using Pyplot

Unit 8 13.07.2020 to 24.07.2020 (10)

Topic : Computer Networking

Objective : Get a basic understanding of computer networks : network stack, basic network hardware, basic protocols, and basic tools.

Unit 9 & Rev. 27.07.2020 to 07.08.2020 (09)

Topic : Interface Python with SQL

Objective : Connect a Python program with an SQL database, and learn aggregation functions in SQL.

Unit 10 24.08.2020 to 11.09.2020 (15)

Topic : More on SQL

Objective : Learn SQL statements.

Unit 11	14.09.2020 to 25.09.2020	(11)
Topic	: More on SQL	
Objective	: Learn SQL statements.	
Unit 12	28.09.2020 to 16.10.2020	(15)
Topic	: Society Law and Ethics	
Objective	: Have a clear understanding of cyber ethics and cybercrime. Understand the value of technology in societies, gender and disability issues, and the technology behind biometric ids.	

INFORMATICS PRACTICES

Prescribed Book :

Learning Outcomes :

1. Basic computational thinking. Learn how to reason with variables, state transitions, conditionals, and iteration.
2. Numpy, Operations on Numpy, Data Visualization using Pyplot
3. Concepts of data handling Pandas, web development with Django.
4. Interface Python with SQL
5. Society Law and Ethics

Unit 1 **02.03.2020 to 13.03.2020** **(08)**

Topic : Ch-1 : Numpy

Learning Outcomes : 1D Array, 2D Array, Arithmetic Operations, Covariance

Unit 2 **16.03.2020 to 27.03.2020** **(10)**

Topic : Ch-2 : Data Visualization using Pyplot

Learning Outcomes : Plot Bar Graph, Histograms, Box Plots

Unit 3 **30.03.2020 to 18.04.2020** **(13)**

Topic : Ch-2 : Data Visualization using Pyplot

Learning Outcomes : Scatter Plots

Unit 4 **20.04.2020 to 01.05.2020** **(10)**

Topic : Ch-3 : Python Pandas

Learning Outcomes : Series, Data frames, Vector Operations

Unit 5 **04.05.2020 to 15.05.2020** **(09)**

Topic : Ch-4 : Introduction to Software Engineering

Learning Outcomes : Waterfall Model, Evolutionary Model, Component Based Model

Unit 6 **15.06.2020 to 26.06.2020** **(10)**

Topic : Ch-5 : Practical aspects of Software Engineering

Learning Outcomes : Scrum, Version Control System

Unit 7 **29.06.2020 to 10.07.2020** **(11)**

Topic : Ch-6 : Web Development with Django

Learning Outcomes : Web Server

Get and Post Methods, files

Unit 8 **13.07.2020 to 24.07.2020** **(10)**

Topic : Ch-7: Interface Python with SQL

Learning Outcomes : Python Mysql Connectivity

Unit 9 & Rev. 27.07.2020 to 07.08.2020 **(09)**

Topic : Ch-7: Interface Python with SQL

Learning Outcomes : Python Mysql Connectivity

Unit 10 **24.08.2020 to 11.09.2020** **(15)**

Topic : CH 8: More on SQL

Learning Outcomes : Aggregate Functions

Unit 11 **14.09.2020 to 25.09.2020** **(11)**

Topic : Ch-8: More on SQL

Learning Outcomes : Sorting, Group by

Unit 12 **28.09.2020 to 16.10.2020** **(15)**

Topic : Ch-9: Society Law and Ethics

Learning Outcomes : Licensing, privacy laws, cyber crime

EXAMINATION SCHEDULE :

Periodic Asst.-1 **30.03.2020 to 04.05.2020**

Topic : Ch- 1, 2

Periodic Asst.-2 **11.05.2020 to 27.07.2020**

Topic : Ch-3, 4, 5

MOCK TEST-1 **10.08.2020 to 21.08.2020**

Topic :

Pre-Board-1 **12.11.2020 to 04.12.2020**

Topic :

Pre-Board-2 **22.12.2020 to 11.01.2021**

Topic :

ART & CRAFT

Prescribed Book :

General Objectives :

- ◆ To help students to understand the arrangement of elements in a way that appeals to the senses.
- ◆ To develop the skills of art with the intention of stimulating thoughts and emotions.
- ◆ To develop the creativity and creative ability in students.
- ◆ To make children independent in creating their own style and skills.

Unit 1 **02.03.2020 to 13.03.2020** **(08)**

Practical : Practical : Model with pencil drawing (two or three) object and Drapery

Theory : Short notes on Art, What is Art, parts of painting modern Art, Miniature painting, Graphic Art commercial Art & Sculpture.

Unit 2 **16.03.2020 to 27.03.2020** **(10)**

Practical : Composition on any subject (Railway Station) Sketch with

POLITICAL SCIENCE

Prescribed Book :

Art Integration :

In all the chapters art integration will be done through : Maps, Picture Explanation, Time Line and Flow Chart.

Book-1 : Contemporary World Politics

Unit 1 02.03.2020 to 13.03.2020 (08)

Topic Ch-1 Cold war,

Ch-2 End of Bio Polarity

Unit 2 16.03.2020 to 27.03.2020 (10)

Topic : Ch-2 End of Bio Polarity (Contd.)

Ch-3 U. S. Hegemony

Unit 3 30.03.2020 to 18.04.2020 (13)

Topic : Ch-4 Alternative countries of

power

Ch-5 South Asia

Unit 4 20.04.2020 to 01.05.2020 (10)

Topic : Ch-5 South Asia (Contd.)

Ch-6 U.N.O

Unit 5 04.05.2020 to 15.05.2020 (09)

Topic : Ch-7 Security

Ch-8 Globalisation

Unit 6 15.06.2020 to 26.06.2020 (10)

Topic : Ch-9 Environment

Book-II : India Since Independence

Topic Ch. 1 Nation building

Unit 7 29.06.2020 to 10.07.2020 (11)

Topic : Ch-2 Era of One Party Dominance

Ch-3 Politics of Planned

Development

Unit 8 13.07.2020 to 24.07.2020 (10)

Topic : Ch-3 Politics of Planned

Development (Contd.)

Ch-4 India's External Relations

pencil draw more than three figures.

Theory : Main features of Rajasthan origin and development of Mewar, Bundi, Bikaner of Jodhpur, KishanGarh and Jaipur.

Unit 3 30.03.2020 to 18.04.2020 (13)

Practical : Start new model with Pencil Drawing.

Theory : Origin & development of 17th cent AD to 18th cent AD of Pahari School.

Unit 4 20.04.2020 to 01.05.2020 (10)

Practical : Composition on any subject (Rainy day or flood) sketch with pencil draw more than three figures

Theory : Mughal School of Miniature painting 16th cent AD to 19th AD. Its features painting during Akbar & Jahangir period.

Unit 5 04.05.2020 to 15.05.2020 (09)

Practical : Model start with pencil (two or three object with Drapery).

Theory : Mughal period Jahangir & Aurangzeb period & painting.

Study of five plates (Painting of Mughal period & Artist).

Unit 6 15.06.2020 to 26.06.2020 (10)

Practical : Composition with pencil sketch (on any subject) festival.

Theory : Study of Deccan school of miniature painting 16th cent AD to 19thcent AD.

Unit 7 29.06.2020 to 10.07.2020 (11)

Practical : New model start with pencil.

Unit 8 13.07.2020 to 24.07.2020 (10)

Practical : Figure sketching.

Theory : Short notes on Vijay Nagar, Behamani, Bijapur & Gol Konda Art. Complete the Deccan period.

Unit 9 & Rev. 27.07.2020 to 07.08.2020 (09)

Practical : Composition with pencil sketch (on any subject)

Theory : New Era in Indian art-An Introduction.

Unit 10 24.08.2020 to 11.09.2020 (15)

Practical : Model start with pencil (two or three object with Drapery)

Theory : Study of contemporary Indian art

Unit 11 14.09.2020 to 25.09.2020 (11)

Practical : Composition with pencil sketch (on any subject)(two or three object with Drapery)

Theory : Study of the sculpture

Unit 12 28.09.2020 to 16.10.2020 (15)

Practical : Model start with pencil (two or three object with Drapery)

Theory : Revision

EXAMINATION SCHEDULE :

Periodic Asst.-1 30.03.2020 to 04.05.2020

Practical : Main features of Rajasthan origin and development

Periodic Asst.-2 11.05.2020 to 27.07.2020

Practical : Mughal School of Miniature painting

MOCK TEST-1 10.08.2020 to 21.08.2020

Practical : New Era in Indian art- An Introduction, Study of graphic prints, contemporary Indian art & sculpture

Pre-Board-1 12.11.2020 to 04.12.2020

Practical : Rajasthan To Deccan school of Miniature painting

Pre-Board-2 22.12.2020 to 11.01.2021

Practical : Rajasthan To New Era (Indian art) Still life & Composition (portfolio submission)

Unit 9 & Rev. 27.07.2020 to 07.08.2020 (09)

Topic : Ch-5 Challenges & Restoration of Congress

Unit 10 24.08.2020 to 11.09.2020 (15)

Topic : Ch. 6 Crisis of Constitutional order
Ch-7 Regional Aspirations

Unit 11 14.09.2020 to 25.09.2020 (11)

Topic : Ch-7 Regional Aspirations (Contd.)
Ch-8 Rise of Movements

Unit 12 28.09.2020 to 16.10.2020 (15)

Topic : Ch-9 Recent Developments

ACCOUNTANCY

Prescribed Book : D.K. GOEL

General Objectives :

- To familiarize students with new and emerging areas in the preparation and presentation of financial statements.
- To acquaint students with basic accounting concepts and accounting standards.
- To develop the skills of designing need based accounting database.
- To appreciate the role of ICT in business operations.
- To develop an understanding about recording of business transactions and preparation of financial statements.
- To enable students with accounting for Not-for-Profit organizations, accounting for Partnership Firms and company accounts.

Unit 1 02.03.2020 to 13.03.2020 (08)

Topic : Accounting of partnership firm-
Fundamental

Learning Outcomes :

- state the meaning of partnership, partnership firm and partnership deed.

- describe the characteristic features of partnership and the contents of partnership deed.
- discuss the significance of provision of Partnership Act in the absence of partnership deed.
- differentiate between fixed and fluctuating capital, outline the process and develop the understanding and skill of preparation of Profit and Loss Appropriation Account.

Art Integration : Preparing different Ledger in proper formats

Unit 2 16.03.2020 to 27.03.2020 (10)

Topic : Change in profit sharing ratio among existing partner

Learning Outcomes : state the meaning of sacrificing ratio, gaining ratio and the change in profit sharing ratio among existing partners.

Art Integration : Preparing Journal using proper formats

Unit 3 30.03.2020 to 18.04.2020 (13)

Topic : Admission of partner

Learning Outcomes :

- develop the understanding of accounting treatment of revaluation assets and reassessment of liabilities and treatment of reserves and accumulated profits by preparing revaluation account and balance sheet.
- explain the effect of change in profit sharing ratio on admission of a new partner.

Art Integration : Preparing different Ledger in proper formats

Unit 4 20.04.2020 to 01.05.2020 (10)

Topic : Admission of partner continue

Learning Outcomes :

- develop the understanding of accounting

treatment of revaluation assets and reassessment of liabilities and treatment of reserves and accumulated profits by preparing revaluation account and balance sheet.

- explain the effect of change in profit sharing ratio on admission of a new partner.

Unit 5 04.05.2020 to 15.05.2020 (09)

Topic : Retirement & Death of partnership
Learning Outcomes :

- explain the effect of retirement / death of a partner on change in profit sharing ratio.
- develop the understanding of accounting treatment of goodwill, revaluation of assets and re-assessment of liabilities and adjustment of accumulated profits and reserves on retirement / death of a partner and capital adjustment.
- develop the skill of calculation of deceased partner's share till the time of his death and prepare deceased partner's executor's account.
- discuss the preparation of the capital accounts of the remaining partners and the balance sheet of the firm after retirement / death of a partner.

Art Integration : Flow Chart Explaining Various Accounts

Unit 6 15.06.2020 to 26.06.2020 (10)

Topic : Dissolution of partnership.
Not for profit organization

Learning Outcomes :

- understand the situations under which a partnership firm can be dissolved.
- develop the understanding of preparation of realisation account and other related accounts.

Art Integration : Preparing different Ledger in proper formats

Unit 7 29.06.2020 to 10.07.2020 (11)

Topic : Company accounts-Issue of shares

Learning Outcomes :

- state the meaning of share and share capital and differentiate between equity shares and preference shares and different types of share capital.
- understand the meaning of private placement of shares and Employee Stock Option Plan.
- explain the accounting treatment of share capital transactions regarding issue of shares.

Art Integration : Preparing Journal Using Proper Formats

Unit 8 13.07.2020 to 24.07.2020 (10)

Topic : Company accounts-Issue of shares continue

Learning Outcomes :

- develop the understanding of accounting treatment of forfeiture and re-issue of forfeited shares.
- describe the presentation of share capital in the balance sheet of the company as per schedule III part I of the Companies Act 2013.

Art Integration : Preparing Journal using proper formats

Unit 9 & Rev. 27.07.2020 to 07.08.2020 (09)

Topic : Issue of debentures, Redemption of debentures,

Learning Outcomes :

- explain the accounting treatment of different categories of transactions related to issue of debentures.

- develop the understanding and skill of writing of discount / loss on issue of debentures.
- understand the concept of collateral security and its presentation in balance sheet.
- develop the skill of calculating interest on debentures and its accounting treatment.
- state the meaning of redemption of debentures.
- develop the understanding of accounting treatment of transactions related to redemption of debentures by lump sum, draw of lots and Creation of Debenture Redemption Reserve.

Art Integration : Preparing Journal using proper formats

Unit 10 24.08.2020 to 11.09.2020 (15)

Topic : Financial statement analysis, Tools of financial analysis, Comparative statement, Common size Statement,

Learning Outcomes :

- develop the understanding of major headings and sub-headings (as per Schedule III to the Companies Act, 2013) of balance sheet as per the prescribed norms / formats.
- state the meaning, objectives and limitations of financial statement analysis.
- discuss the meaning of different tools of 'financial statements analysis'.
- develop the understanding and skill of preparation of comparative and common size financial statements.

Art Integration : Flow Chart

Unit 11 14.09.2020 to 25.09.2020 (11)

Topic : Accounting Ratio

Learning Outcomes :

- state the meaning, objectives and significance of different types of ratios.
- develop the understanding of computation of current ratio and quick ratio.
- develop the skill of computation of debt equity ratio, total asset to debt ratio, proprietary ratio and interest coverage ratio.
- develop the skill of computation of inventory turnover ratio, trade receivables and trade payables ratio and working capital turnover ratio.
- develop the skill of computation of gross profit ratio, operating ratio, operating profit ratio, net profit ratio and return on investment.

Art Integration : Flow Chart Explaining Various Ratios

Unit 12 28.09.2020 to 16.10.2020 (15)

Topic : Cash Flow statement Revision

EXAMINATION SCHEDULE :

Periodic Asst.-1 30.03.2020 to 04.05.2020

Topic : Ch-1, 2

Periodic Asst.-2 11.05.2020 to 27.07.2020

Topic : Ch-3, 4

MOCK TEST-1 10.08.2020 to 21.08.2020

Topic :

Pre-Board-1 12.11.2020 to 04.12.2020

Topic : Whole Syllabus

Pre-Board-2 22.12.2020 to 11.01.2021

Topic : Whole Syllabus

BUSINESS STUDIES

Prescribed Book : NCERT

Reference Books :

1. G.S. Alag
2. Subhash Dey
3. Alka Dhawan
4. Tappan Pathak (bull's eye)

General Objectives :

- ❖ Student will gain knowledge, skills and experience to management and business world.

Objectives :

- ❖ To empower the learner to learn how to manage business, understanding importance of management and to become efficient.

Unit 1 02.03.2020 to 13.03.2020 (08)

Topic : Marketing Management

Learning Outcomes : After going through this unit, the student would be able to :

- Understand the concept of marketing.
- Explain the features of marketing.
- Discuss the functions of marketing.
- Explain the marketing philosophies.
- Understand the concept of marketing mix.
- Describe the elements of marketing mix.
- Understand the concept of product as an element of marketing mix.
- Understand the concept of branding, labelling and packaging.
- Understand the concept of price as an element of marketing mix.
- Describe the factors determining price of a product.
- Understand the concept of physical distribution.
- Explain the components of physical distribution.

- Describe the various channels of distribution.

Art Integration :

- ◆ Case studies
- ◆ Flow charts
- ◆ Role play

Unit 2 16.03.2020 to 27.03.2020 (10)

Topic : Marketing Management

Topic : Consumer protection

Learning Outcomes : After going through this unit, the student would be able to :

- Understand the concept of promotion as an element of marketing mix.
- Describe the elements of promotion mix.
- Understand the concept of advertising.
- Understand the concept of sales promotion.
- Discuss the concept of public relations

After going through this unit, the student would be able to :

- Understand the concept of consumer protection.
- Describe the importance of consumer protection.
- Discuss the scope of Consumer Protection Act, 1986
- Understand the concept of a consumer according to the Consumer protection Act 1986.
- Explain the consumer rights
- Understand the responsibilities of consumers
- Understand who can file a complaint and against whom ?
- Discuss the legal redressal machinery under Consumer protection Act 1986.
- Examine the remedies available to the consumer under Consumer protection Act 1986.
- Describe the role of consumer organizations and NGOs in protecting consumers' interest

Art Integration :

- ◆ Case studies
- ◆ Flow charts

Unit 3 30.03.2020 to 18.04.2020 (13)

Topic : Principles of Management

Learning Outcomes : After going through this unit, the student would be able to :

- Understand the concept of principles of management.
- Explain the significance of management principles.
- Discuss the principles of management developed by Fayol.
- Explain the principles and techniques of 'Scientific Management'.

Art Integration :

- ◆ Case studies
- ◆ Flow charts

Unit 4 20.04.2020 to 01.05.2020 (10)

Topic : Principles of Management

Topic : Business environment

Learning Outcomes : After going through this unit, the student would be able to :

- Compare the contributions of Fayol and Taylor.

After going through this unit, the student would be able to :

- Understand the concept of 'Business Environment'.
- Describe the importance of business environment
- Describe the various dimensions of 'Business Environment'.
- Understand the concept of demonetization
- Examine the impact of government policy changes on business in India with reference to liberalisation, privatization and globalisation since 1991.

- Discuss the managerial response to changes in business environment.

Art Integration :

- ◆ Case studies
- ◆ Flow charts

Unit 5 04.05.2020 to 15.05.2020 (09)

Topic : Financial Management

Topic : Project Work

Learning Outcomes : After going through this unit, the student would be able to :

- Understand the concept of financial management.
- Explain the role of financial management in an organisation.
- Discuss the objectives of financial management
- Discuss the three financial decisions and the factors affecting them.
- Describe the concept of financial planning and its objectives.
- Explain the importance of financial planning.
- Understand the concept of capital structure.

Art Integration : ◆ Flow charts

Unit 6 15.06.2020 to 26.06.2020 (10)

Topic : Financial Management

Topic : Financial Market

Learning Outcomes : After going through this unit, the student would be able to :

- Describe the factors determining the choice of an appropriate capital structure of a company.
- Understand the concept of fixed and working capital.
- Describe the factors determining the requirements of fixed and working capital

After going through this unit, the student would be able to :

- Understand the concept of financial market.
- Explain the functions of financial market.
- Understand capital market and money market as types of financial markets.
- Understand the concept of money market.
- Describe the various money market instruments.
- Discuss the concept of capital market.
- Explain primary and secondary markets as types of capital market.
- Differentiate between capital market and money market.
- Discuss the methods of floating new issues in the primary market.
- Distinguish between primary and secondary markets.
- Give the meaning of a stock exchange.
- Explain the functions of a stock exchange.
- Discuss the trading procedure in a stock exchange.
- Give the meaning of depository services and demat account as used in the trading procedure of securities.
- State the objectives of SEBI.

Explain the functions of SEBI. Art Integration :

- ◆ Case studies
- ◆ Flow charts

Unit 7 29.06.2020 to 10.07.2020 (11)

Topic : Nature and Significance of Management

Learning Outcomes : After going through this unit, the student would be able to :

- Understand the concept of management.
- Explain the meaning of 'Effectiveness and Efficiency.
- Discuss the objectives of management.
- Describe the importance of management.

- Examine the nature of management as a science, art and profession.
- Understand the role of top, middle and lower levels of management
- Explain the functions of management.
- Discuss the concept and characteristics of coordination.
- Explain the importance of coordination.

Art Integration :

- ◆ Case studies
- ◆ Flow charts

Unit 8 13.07.2020 to 24.07.2020 (10)

Topic : Planning

Learning Outcomes : After going through this unit, the student would be able to :

- Understand the concept of planning.
- Describe the importance of planning.
- Understand the limitations of planning.
- Describe the steps in the process of planning.
- Develop an understanding of single use and standing plans
- Describe objectives, policies, strategy, procedure, method, rule, budget and programme as types of plans

Art Integration :

- ◆ Case studies
- ◆ Flow charts

Unit 9 & Rev. 27.07.2020 to 07.08.2020 (09)

Topic : Controlling
Revision

Learning Outcomes : After going through this unit, the student would be able to :

- Understand the concept of controlling.
- Explain the importance of controlling.
- Describe the relationship between planning and controlling
- Discuss the steps in the process of controlling.

Art Integration : ◆ Flow charts

Unit 10 24.08.2020 to 11.09.2020 (15)
 Topic : Organising Staffing

Learning Outcomes : After going through this unit, the student would be able to :

- Understand the concept of organizing as a structure and as a process.
- Explain the importance of organising.
- Describe the steps in the process of organizing
- Describe functional and divisional structures of organisation.
- Explain the advantages, disadvantages and suitability of functional and divisional structure.
- Understand the concept of formal and informal organisation.
- Discuss the advantages, disadvantages of formal and informal organisation.
- Understand the concept of delegation.
- Describe the elements of delegation.
- Appreciate the importance of Delegation.
- Understand the concept of decentralisation.
- Explain the importance of decentralisation.
- Differentiate between delegation and decentralization

After going through this unit, the student would be able to :

- Understand the concept of staffing.
- Explain the importance of staffing
- Understand the specialized duties and activities performed by Human Resource Management.
- Describe the steps in the process of staffing
- Understand the meaning of recruitment.
- Discuss the sources of recruitment.
- Explain the merits and demerits of internal and external sources of recruitment.

Art Integration :

- ◆ Case studies
- ◆ Flow charts
- ◆ Role play

Unit 11 14.09.2020 to 25.09.2020 (11)
 Topic : Staffing Directing

Learning Outcomes : After going through this unit, the student would be able to :

- Understand the meaning of selection.
- Describe the steps involved in the process of selection.
- Understand the concept of training and development
- Appreciate the importance of training to the organisation and to the employees.
- Discuss the meaning of induction training, vestibule training, apprenticeship training and internship training.
- Differentiate between training and development.
- Discuss on the job and off the job methods of training.

After going through this unit, the student would be able to :

- Describe the concept of directing.
- Discuss the importance of directing.
- Describe the various elements of directing
- Understand the concept of motivation.
- Develop an understanding of Maslow's Hierarchy of needs.

Art Integration :

- ◆ Case studies
- Flow charts

Unit 12 28.09.2020 to 16.10.2020 (15)
 Topic : Directing Revision

Learning Outcomes : After going through this unit, the student would be able to :

- Discuss the various financial and non-financial incentives.
- Understand the concept of leadership.
- Understand the various styles of leadership.
- Understand the concept of communication
- Understand the elements of the communication process.
- Discuss the concept of formal and informal communication.
- Discuss the various barriers to effective communication.

Suggest measures to overcome barriers to communication

Art Integation :

- ◆ Case studies
- ◆ Flow charts
- ◆ Role play

EXAMINATION SCHEDULE :

Periodic Asst.-1 30.03.2020 to 04.05.2020

Topic : Marketing Management
 Consumer protection

Periodic Asst.-2 11.05.2020 to 27.07.2020

Topic : Principles of Management
 Business environment

MOCK TEST-1 10.08.2020 to 21.08.2020

Topic : Marketing Management
 Consumer protection
 Principles of Management
 Business environment
 Financial Management
 Financial Market
 Nature and Significance of Management

Pre-Board-1 12.11.2020 to 04.12.2020

Topic : All Chapters

Pre-Board-2 22.12.2020 to 11.01.2021

Topic : All Chapters

ECONOMICS

Prescribed books :

NCERT, Indian Economic development by TR Jain and VK ohari.

Teaching objective of economics at senior secondary level :

Economics is one of the social science which has great influence on every human being. At senior secondary stage the learners are in a position to understand abstract ideas, exercise and power of thinking and to develop their own perception about economic activities. The objective of teaching economics is;

- ❖ Understanding of some basic economic concepts and development of economic reasoning
- ❖ Realization of learner's role in nation building and sensitivity to economic issues that the nation is facing today
- ❖ Development of understanding that there can be more than one view on any economic issues and necessary skills to argue logically with reasoning

Unit 1 02.03.2020 to 13.03.2020 (08)

Unit: 1 : development policies and experience (1947-1990)

Contents : Ch-1 : Indian economy on the eve of independence

Ch-2 : Indian Economy (1950-90)

Learning outcome :

All topics were explained with proper examples and notes. Students became familiar with the state of agriculture, industries, foreign trade and demographic profile on the eve of independence. Students were able to understand the factors responsible for under development and stagnancy of the economy

Students were able to understand the goals, achievements and failures of five year plan. They got to know about developmental policies and limits and derivations of planned economy

Art integration/ Lab activity :

Charts of demographic profile were prepared by the students

Tabular presentation of different five year plans and their goals

Unit 2 16.03.2020 to 27.03.2020 (10)

Unit 2 : economic reforms since 1991

Contents : Ch-3 : liberalisation, privatisation and globalisation : an appraisal

Learning outcome : Were able to understand the reasons of reforms and the mechanism through which policies were introduced. They were made aware about positive and negative impact of LPG

Art integration/ Lab activity : Charts of different policies implemented under LPG

Unit 3 30.03.2020 to 18.04.2020 (13)

Unit-3 : current challenges facing the Indian economy

Contents : Ch-4 : poverty

Ch-5 : Human capital formation

Ch-6 : Rural development

Ch-7 : Employment: growth information and other issues

Ch-8 : Infrastructure

Ch-9 : Environment and

sustainable development

Learning outcome : Students were able to comprehend causes and measures to remove poverty along with the ability to assess poverty alleviation programs

Students were able to interpret the causes, importance and problems of human capital formation. They learned about the different

programs launched by government on education and health

Students were able to understand the major issues associated with rural development and critical role of credit and marketing systems in rural areas. They learned about the significance of lingering and current challenges along with the importance of organic farming

Were able to understand types of unemployment along with the causes and different measures to solve this problem

Ability to understand role of infrastructure, energy and the problems and prospects of energy and health sectors in India

Ability to understand the concept of environment, causes and effects of environmental degradation along with the environmental challenges facing India combined with the concept of sustainable development

Art integration/ Lab activity : Flow chart of vicious circle of poverty

Tabular presentation of government's spending on education and health in different years

diagrammatic presentation of distribution of poultry and livestock in India through pie chart

Diagrammatic presentation of distribution of employment by gender and by regions through pie chart and distribution of work force through tabular presentation. Growth of employment and GDP through line graphs. Presentation of workers in formal and informal sectors through histogram

Pie chart of different sources of electricity
Animated story on Chippko and Appiko movement

Unit 4 20.04.2020 to 01.05.2020 (10)

Unit-4 : Development experience of India :

a comparison with neighbors

Contents : Ch-10 : Comparative development experience of India

Learning outcome : Students were able to learn about the comparative trends in various economic and human development indicators of India, China and Pakistan. They were able to assess the strategies that these countries adopted during their development process

Art integration/ Lab activity : Presentation of different indicators of development through maps

**PART-B : INTRODUCTORY
MACROECONOMICS**

Unit 5 04.05.2020 to 15.05.2020 (09)

Unit 5 : introduction of macroeconomics and national income accounting

Contents : 5.1 Some basic concepts
5.2 Circular flow of income
5.3 Methods of calculating national income
5.4 Aggregates related to national income
5.5 Real and nominal GDP and welfare

Learning outcome : Students learned the nature of different types of goods with different examples. They learned how to calculate national income and its related aggregates by using value added income and expenditure methods. They were explained about the limitations of GDP as an index of economic welfare by giving different examples.

Art integration/Lab activity : Flow chart of measuring national income

Unit 6 15.06.2020 to 26.06.2020 (10)

Unit 6 : Money and Banking

Contents : 6.1 Money, its meaning and supply of money
6.2 Money creation by commercial banking system
6.3 Central bank and its functions

Learning outcome : Students learned the meaning and supply of money by providing practical examples. They were explained the process of credit creation by using schedule of a commercial bank and the functions of central bank were taught by providing different types of real life examples.

Art integration/ Lab activity : Preparation of flow charts representing the credit creation process by commercial banks

Unit 7 29.06.2020 to 10.07.2020 (11)

Unit 7 : Determination of income and employment

Contents : 7.1 Aggregate demand and its components
7.2 propensity to consume and propensity to save
7.3 Short run equilibrium output
7.4 Investment multiplier and its mechanism
7.5 Meaning of full employment and involuntary unemployment
7.6 Excess demand and Deficient demand and measures to correct them

Learning outcome : Students were able to comprehend the basic concepts of aggregate demand, aggregate supply with its components with the help of schedule and diagram. They were explained the meaning of equilibrium at full employment and at underemployment with the help of diagrams. They also learned the situation of excess and deficient demand with the help of diagrams and many empirical evidences. They learned how to correct the situations by fiscal and monetary.

Art integration/Lab activity : Diagrammatic representation of inflationary and deflationary gap

Unit 8 13.07.2020 to 24.07.2020 (10)

Unit-8 : Government budget and the economy

Contents : 8.1 Meaning and components of government budget
8.2 Budget deficits
8.3 Objectives and functions of government budget

Learning outcome : Students were able to comprehend the meaning and objectives of budget. They learned how to make the budget by understanding its components. They learned how to calculate budget deficits.

Art integration/Lab activity : Flow chart of components of budget

Unit 9 & Rev. 27.07.2020 to 07.08.2020 (09)

Unit-9 : Balance of Payments

Contents : 9.1 Balance of payments account
9.2 Foreign exchange rate
Determination of exchange rate in a free market

Learning outcome : Students were able to assess the different components of BoP. They also learned how equilibrium exchange rate is determined by different methods and its impacts on trade.

Art integration/Lab activity : Presentation through diagrams of floating exchange rate

Unit 10 24.08.2020 to 11.09.2020 (15)

Revision of unit 1, 2 and 3

Learning outcome : All topics were revised with proper notes and HOTS questions

Unit 11 14.09.2020 to 25.09.2020 (11)

Revision of unit 5 and 6

Learning outcome : All topics were revised thoroughly with sample papers

Unit 12 28.09.2020 to 16.10.2020 (15)

Revision of unit 7, 8 and 9

Learning outcome : All topics were revised with sample papers

GEOGRAPHY

Prescribed Books :

1. Fundamentals of Human Geography (NCERT)
2. India-People and Economy (NCERT)
3. Practical Geography (NCERT)

Rationale :

Geography is introduced as an elective subject at the senior secondary stage. After ten years of general education, students branch out at the beginning of this stage and are exposed to the rigours of the discipline for the first time. Being an entry point for the higher education, students choose geography for pursuing their academic interest and, therefore, need a broader and deeper understanding of the subject. For others, geographical knowledge is useful in daily lives of young people. Its contribution lies in the content, cognitive processes, skills and values that geography promotes and thus helps the students explore, understand and evaluate the environmental and social dimensions of the world in a better manner.

Since geography explores the relationship between people and their environment, it includes studies of physical and human environments and their interactions at different scales local, state/region, nation and the world. The fundamental principles responsible for the varieties in the distributional pattern of physical and human features and phenomena over the earth's surface need to be understood properly. Application of these principles would be taken up through selected case studies from the world and India. Thus, the physical and human environment of India and study of some issues from a

geographical point of view will be covered in greater detail. Students will be exposed to different methods used in geographical investigations.

Objectives :

The course in geography will help learner :

- ❖ Familiarise with key concepts and principles of Geography
- ❖ Describe locations and correlate with Geographical Perspectives
- ❖ List/describe what students might see, hear, and smell at a glance.
- ❖ List/describe ways a place is linked with other places.
- ❖ Compare conditions and connections in one place to another.
- ❖ Describe and interpret the spatial pattern features on a thematic map.
- ❖ Search for, recognize and understand the processes and patterns of the spatial arrangement of the natural features as well as human aspects and phenomena on the earth's surface.
- ❖ Understand and analyse the interrelationship between physical and human environments and utilize such knowledge in reflecting on issues related to community.
- ❖ Apply geographical knowledge and methods of inquiry to emerging situations or problems at different levels-local, regional, national and global.
- ❖ Develop geographical skills, relating to collection, processing and analysis of spatial data/information and preparation of report including maps and graphs and use of computers where ever possible, and to be sensitive to issues.

Book-1

Unit 1 02.03.2020 to 13.03.2020 (08)

Topic : Ch-1 Human Geography
 Ch-2 The World Population

Practical : Data-It's sources and compilation
Learning outcomes :

Ch-1. (i) Students will acquainted with the important branches of geography (ii) Students will be able to recall the link of human geography with the mother discipline i.e. Geography.

Ch-2. (i) Students will be able to know the number of men and women a country has, number of children are born each year, number of people die and the reasons of their death. (ii) They will know whether they live in villages or cities, their literacy rates, work they do.

Art Integration/Activities :

1. Group discussion on 'Naturalization of Humans' and 'Humanization of Nature'.
2. Interactive session on 'Factors influencing the distribution and density of population in the world.'
3. Map Activity: on the world map, locate the largest country in each continent in terms of area.

Unit 2 16.03.2020 to 27.03.2020 (10)

Topic : Ch-3 Population Composition
 Ch-4 Human Development

Practical : Data-It's sources and compilation
Learning outcomes :

Ch-3. Students will learn about how people can be distinguished by their age, sex and their place of residence, occupation, education and life expectancy.

Ch-4. (i) Students will be able to differentiate growth & development.

<p>(ii) They will be able to understand the concept of human development in relation to nations and communities.</p> <p>Art Integration/Activities :</p> <ol style="list-style-type: none"> 1. An interactive session will be held on 'what data is, its sources and compilation of data.' 2. A 5-minute role play to show how choices are limited due to lack of capability in areas of either income, education or health. <p>Unit 3 30.03.2020 to 18.04.2020 (13) Topic : Ch-5 Primary Activities Ch-6 Secondary Activities</p> <p>Practical : Data Processing</p> <p>Learning outcomes :</p> <p>Ch-5. Students will become familiar with various primary activities and will be able to compare and differentiate them with regions they are practiced in.</p> <p>Ch-6. (i) Students will know about locating factors of industries. (ii) They will be able to classify manufacturing industries on the basis of raw material used, ownership, and size.</p> <p>Art Integration/Activities :</p> <ol style="list-style-type: none"> 1. Map Activity : On the world map, locate areas of nomadic herding, commercial livestock rearing, subsistence gathering, extensive commercial grain farming, mixed farming and Mediterranean farming. 2. Map Activity : Locate on the World map, Ruhr region, Silicon Valley, Appalachian region, Great lakes region 3. Class discussion on 'bio-degradable Vs non-biodegradable and which kind of material is better to use and why ?' <p>Unit 4 20.04.2020 to 01.05.2020 (10) Topic : Ch-7 Tertiary and Quaternary Activities</p>	<p>Practical : Data Processing</p> <p>Learning outcomes :</p> <p>Ch-7. (i) Students will get to know how tertiary activities are related to the service sector and manpower is an important component of the service sector. (ii) They will be able to differentiate tertiary, secondary, quaternary and quinary activities with examples of each.</p> <p>Art Integration/Activities :</p> <ul style="list-style-type: none"> • Practical work (choropleth map, Dot map, Bar diagram, linear graph, composite bar diagram and pie-chart) <p>Unit 5 04.05.2020 to 15.05.2020 (09) Topic : Ch-8 Transport and Communication Ch-9 International Trade</p> <p>Learning outcomes :</p> <p>Ch-8. (i) Students will be able to understand as to how transport provides the network of links and carriers through which trade takes place. (ii) They will be able to recall some notable transcontinental railways, inland waterways, pipelines and sea routes in the world.</p> <p>Ch-9. (i) Students will become familiar with history, aspects, basis and types of international trade. (ii) They will know that WTO is the only international organization dealing with the global rules of trade between nations.</p> <p>Art Integration/Activities :</p> <p>Map Activity : On the world map, locate terminal stations of trans-Siberian, Canadian, Australian railways, Suez Canal, Panama Canal, Rhine waterway, St. Lawrence seaway, Major airports and seaport (listed in CBSE chapter wise list of map items),</p>	<p>Unit 6 15.06.2020 to 26.06.2020 (10) Topic : Ch-10 Human Settlements</p> <p>Practical : Geographical representation of data</p> <p>Learning outcomes :</p> <p>Ch-10. (i) Students will be able to classify rural and urban settlements. (ii) They will be able to recall the factors affecting the rural settlements, their problems and patterns. (iii) They will learn about the problems of human settlements in developing countries.</p> <p>Art Integration/Activities :</p> <ol style="list-style-type: none"> 1. An interactive session will be held on 'Healthy City' in which suggestions given by WHO will be discussed. 2. Map Activity : On the world map, Locate mega cities- Tokyo, Delhi, Shanghai, Mumbai, Saopaulo <p>Book-2</p> <p>Unit 7 29.06.2020 to 10.07.2020 (11) Topic : Ch-1 Population Ch-2 Migration Ch-3 Human Development</p> <p>Learning outcomes :</p> <p>Ch-1. Students will get to know the patterns of distribution, density, growth and composition of India's population.</p> <p>Ch-2. Students will be able to explain the term-migration, its types, causes and consequences.</p> <p>Ch-3. Students will learn about human development in India and indicators of a healthy life, social empowerment and economic attainment.</p> <p>Art Integration/Activities :</p> <ol style="list-style-type: none"> 1. Map Activity (As per the items listed in the CBSE map list)
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2. Class Discussion on 'How Development for India is a mixed bag of opportunities as well as neglect and deprivations.'

Unit 8 13.07.2020 to 24.07.2020 (10)

Topic : Ch-4 Human Settlement
Ch-5 Land, Resources and Agriculture

Practical : Field Survey

Learning outcomes :

Ch-4. Students will learn about types of rural settlement, evolution of towns and urbanization in India.

Ch-5. (i) Students will be able to recall the land use categories in India, common property resources, cropping seasons and crops grown and problems of Indian agriculture.
(ii) They will learn the strategies for agricultural development after independence in India.

Art Integration/Activities :

1. Map Activity (As per the items listed in the CBSE list of maps in course)
2. Discussion on making of questionnaire on 'Poverty' as a topic for field survey and precautions to be taken during interview of people in the field.

Unit 9 & Rev. 27.07.2020 to 07.08.2020 (09)

Topic : Ch-6 Water Resources
Ch-7 Mineral and Energy Resources

Practical : Field Survey

Learning outcomes :

Ch-6. (i) Students will learn about water resources in India and its demand and utilization.
(ii) They will become familiar with emerging water problems in India and its management and conservation techniques.

Ch-7. (i) Students will become familiar with the availability of various types of mineral and energy resources in India.

(ii) They will be able to suggest some ways to conserve mineral resources for sustainable development.

Art Integration/Activities :

1. Class discussion on 'water crisis & ways and means of water conservation'
2. Map Activity (As per the items listed in the CBSE list of maps in course)

Unit 10 24.08.2020 to 11.09.2020 (15)

Topic : Ch-8 Manufacturing Industries
Ch-9 Planning and sustainable Development

Learning outcomes :

Ch-8. (i) Students will be able to recall the industrial regions and the factors influencing the location of industries in India.

(ii) They will be able to classify manufacturing industries on the basis of raw material used, ownership, and size.

Ch-9. Students will become familiar with the term 'Planning' and 'Sustainable Development' in Indian context with help of case studies on Indira Gandhi Canal Command Area and Integrated Tribal Development Project in Bharmaur Region

Art Integration/Activities :

1. Map Activity (As per the items listed in the CBSE list of maps in course)
2. Interactive session on 'Role of Policy of globalization liberalization and privatization in the development of industries in India.'

Unit 11 14.09.2020 to 25.09.2020 (11)

Topic : Ch-10 Transport and Communication
Ch-11 International Trade

Practical : Use of Computer in Data Processing

Learning outcomes :

Ch-10. In this chapter, students will learn about the main means of transportation in India and will be able to highlight their importance in the economic development of our country.

Ch-11. (i) Students will learn about changing patterns of the composition of India's import and direction of trade.

(ii) They will learn about the role of sea ports as gateways of India's international trade.

Art Integration/Activities : Visiting computer lab to learn as to how computer is used in data processing

Unit 12 28.09.2020 to 16.10.2020 (15)

Topic : Ch-12 Geographical Perspective on Selected Issues and Problems

Learning outcomes :

Ch-12. (i) In this chapter, students will learn about types and sources of pollution.

(ii) They will also learn problems of slums, land degradation and will be able to suggest measures for reduction of land degradation.

EXAMINATION SCHEDULE :

Periodic Asst.-1 30.03.2020 to 04.05.2020

Topic : Book-1 : Ch-1, 2, 3, 4, 5

Periodic Asst.-2 11.05.2020 to 27.07.2020

Topic : Book-1 : Ch-6, 7, 8, 9, 10

MOCK TEST-1 10.08.2020 to 21.08.2020

Topic : Book-1 Ch-1 to 10

Pre-Board-1 12.11.2020 to 04.12.2020

Topic : Unit-1 to 12

Pre-Board-2 22.12.2020 to 11.01.2021

Topic : Unit-1 to 12

HOME SCIENCE

Prescribed Book :

Objectives :

The syllabus at Senior Secondary level develops an understanding in the learners that the knowledge and skills acquired through Home Science facilitates development of self, family and community.

It endeavors to :

- ◆ Acquaint learners with the basics of human development with specific reference to self and child.
- ◆ Help to develop skills of judicious management of various resources.
- ◆ Enable learners to become alert and aware consumers.
- ◆ Impart knowledge of nutrition and lifestyles to enable prevention and management of diseases.
- ◆ Inculcate healthy food habits.
- ◆ Help to develop understanding of textiles for selection and care of clothes.
- ◆ Develop skills of communication to assist in advocacy and dissemination of knowledge to community.

Unit 1 02.03.2020 to 13.03.2020 (08)

Topic : Ch-1 Growth and Development
 Ch-2 Adolescence

Learning outcomes : students will be able to understand different phases of development.

students will be able psychological and physiological needs of adolescent.

Art integration : Collage on different phases of growth and development.

Unit 2 16.03.2020 to 27.03.2020 (10)

Topic : Ch-3 Influence of identity formation
 Ch-4 Specific issues and concern

Learning outcomes : students will be able to understand different factors that affect identity formation.

students will be able to understand eating disorders and other concerns of adolescence.

Art integration : Skit on identity formation

Unit 3 30.03.2020 to 18.04.2020 (13)

Topic : Ch-5 Adulthood
 Ch-6 Old Age

Learning outcomes : students will be able to collect, organize and reflect information about old age problems.

students will be able to know the effect of managing new responsibilities such as career marriage and family in adulthood.

Art integration : Diary entry of a day spent with your grandparents.

Unit 4 20.04.2020 to 01.05.2020 (10)

Topic : Ch-7 Meal plan for different age groups
 Ch-8 Modification of diet

Learning outcomes : student will be able to record observation about meal planning, and its importance.

Art integration : Culinary skills

Unit 5 04.05.2020 to 15.05.2020 (09)

Topic : Ch-9 Diet during illness
 Ch-10 Therapeutic modification of diet

Learning outcomes : learning of scientific concepts of meal planning in day-to-day life and its modification in different ailments

Art integration : Culinary skills

Unit 6 15.06.2020 to 26.06.2020 (10)

Topic : Ch-11 food groups
 Ch-12 food adulteration
 Ch-13 Food safety and quality

Learning outcomes :

· exhibits creativity in planning, making use of available food groups and prevention of adulteration..

Art integration : Culinary skills

Unit 7 29.06.2020 to 10.07.2020 (11)

Topic : Ch-14 Family income
 Ch-15 Saving and investment

Learning outcomes : Classifies different sources of family income and importance of saving and investment.

Art integration : Mind map of different investment plans

Unit 8 13.07.2020 to 24.07.2020 (10)

Topic : Ch-16 Principles of Art and Design
 Ch-17 Selection and purchase of Fabric

Learning outcomes : To understand and apply principles of design in manufacturing of clothes.

Art integration : Illustration principles of design in clothing.

.make samples of basic stitches.

Unit 9 & Rev. 27.07.2020 to 07.08.2020 (09)

Topic :
Learning outcomes : To understand the factors that affect selections of clothes and their care.
Art integration : Make samples of basic stitches and embroidery

Unit 10 24.08.2020 to 11.09.2020 (15)

Topic : Ch-20 Water safety
 Ch-21 Income generating Schemes

Learning outcomes :

· makes efforts to protect environment, e.g., following good practices for purification and judicious use of water.

Art integration : Play on water conservation.

Unit 11 14.09.2020 to 25.09.2020 (11)
Topic : Ch-22 Career options in home science

Learning outcomes : Critically rationalize on various career options of home science.

Art integration : Flow chart of career options

Unit 12 28.09.2020 to 16.10.2020 (15)
Topic : Revision and Practicals

EXAMINATION SCHEDULE :

Periodic Asst.-1 30.03.2020 to 04.05.2020

Topic : Ch-1 & Ch-2

Periodic Asst.-2 11.05.2020 to 27.07.2020

Topic : Ch-5 to Ch-7

MOCK TEST-1 10.08.2020 to 21.08.2020

Topic :

Pre-Board-1 12.11.2020 to 04.12.2020

Topic :

Pre-Board-2 22.12.2020 to 11.01.2021

Topic :

PSYCHOLOGY

Books recommended :

NCERT Class XII + Supplementary reading material by CBSE

Learning Objectives :

- ❖ To develop appreciation about the human mind and behavior in the context of learners immediate society and environment.
- ❖ To develop learners an appreciation of the nature of psychological knowledge and its application to various aspects of life.
- ❖ To ensure learners to become perceptive, socially aware and self-reflective.
- ❖ To facilitate student's quest for personal growth and effectiveness, and to enable them

to become responsive and responsible citizens.

Unit 1 02.03.2020 to 13.03.2020 (08)

Topic : Ch-1 Variations in Psychological Attributes & Introduction to Testing, Introduction to Psychology Practical, Practical-1

Learning Outcomes :

- Understand psychological attributes on which people differ from each other
- Understand how intelligence has different meantime in different culture

Art Integration : Flow charts, analytical maps, mind maps of concepts, timeline

Unit 2 16.03.2020 to 27.03.2020 (10)

Topic : Ch-2 Self & Personality, Practical-2

Learning Outcomes : Describe the concept of self and learn some ways for self-regulation behavior

Art Integration : Flow charts, analytical maps, mind maps of concepts, timeline

Unit 3 30.03.2020 to 18.04.2020 (13)

Topic : Ch-2 Self & Personality, Practical-2

Learning Outcomes : Describe some techniques for personality assessment

Art Integration : Flow charts, analytical maps, mind maps of concepts, timeline

Unit 4 20.04.2020 to 01.05.2020 (10)

Topic : Ch-2 Self & Personality, Practical-2, Ch-3 Meeting Life Challenges.

Learning Outcomes : Understand the nature, types and sources of stress as life challenges

Art Integration : Acronyms chart and maps

Unit 5 04.05.2020 to 15.05.2020 (09)

Topic : Ch-2 Self & Personality, Practical-2, Ch-3 Meeting Life Challenges & Case Study Introduction

Learning Outcomes :

- Learn ways of coping with stress
- Understand the factors that promote positive health and well being

Unit 6 15.06.2020 to 26.06.2020 (10)

Topic : Ch-4 Psychological Disorders & Case Study

Learning Outcomes : Understand the basic issues in abnormal behavior and the criteria used to identify such behavior

Art Integration : Flow charts, analytical maps, mind maps of concepts, timeline

Unit 7 29.06.2020 to 10.07.2020 (11)

Topic : Ch-4 Psychological Disorders

Unit 8 13.07.2020 to 24.07.2020 (10)

Topic : Ch-5 Therapeutic Approaches & Practical-3

Learning Outcomes :

- Familiarizing themselves with the basic nature and process of psychotherapy
- Know how people with mental disorder can be rehabilitated

Unit 9 & Rev. 27.07.2020 to 07.08.2020 (09)

Topic : Ch-5 Therapeutic Approaches Ch-9 Developing Psychological skills & Practical-4

Art Integration : Detailed linkage mind maps

Unit 10 24.08.2020 to 11.09.2020 (15)

Topic : Ch-9 Developing Psychological skills Ch-8 Psychology and life & Practical-5

Learning Outcomes :

- Understand the need to develop skills among psychologists
- Know the significance of developing communication skills
- Explain the nature and process of counselling
- Understand how psychology can be applied to common problems on our life.
- Explain the causes and consequences of social problems from psychological perspectives

Unit 11 14.09.2020 to 25.09.2020 (11)

Topic : Ch-6 Attitude & Social Cognition

Learning Outcomes : Understand what are attitudes, how they are formed and changed.

Explain why people help or don't help others in distress

Art Integration : Flow charts, analytical maps, mind maps of concepts, timeline

Unit 12 28.09.2020 to 16.10.2020 (15)

Topic : Ch-7 Social Influence and Group Processes & Finalization of Case Study and Practical Files

Learning Outcomes :

- Understand the nature and types of groups and know how they are formed.
- Describe the process of cooperation and competition

Art Integration : Flow charts, analytical maps, mind maps of concepts, timeline

EXAMINATION SCHEDULE :**Periodic Asst.-1 30.03.2020 to 04.05.2020**

Topic : Ch-1

Periodic Asst.-2 11.05.2020 to 27.07.2020

Topic : Ch-2 & 3

MOCK TEST-1 10.08.2020 to 21.08.2020

Topic :

Pre-Board-1 12.11.2020 to 04.12.2020

Topic : Ch- 1, 2, 3, 4, 5, 6, 7, 8, 9.

Pre-Board-2 22.12.2020 to 11.01.2021

Topic : Ch- 1, 2, 3, 4, 5, 6, 7, 8, 9.

PRACTICALS :**Practicals-1 24.08.2020 to 26.08.2020**

Topic : Practical- 1, 2, 3, 4,
Case study draft

Practicals-2 Mock Practical in January 2021

Topic : Practical- 1,2,3,4,
Case study assessment

MASS MEDIA STUDIES (835)**Prescribed Book : CBSE Resource Material****Unit 1 02.03.2020 to 13.03.2020 (08)**

UNIT-1 : Ch-1 Advertising Concept &
Process

Sub-Topics : 1. Product
2. specifications
3. Targeting
4. buyers

Learning Outcomes : The learners will be able to :

- understand the research and development goes under formulating a product.
- identify the customer needs
- understand the segregation of market eg geographic, demographic, behaviouristic, psychographic

Integration of Art : Find out the top 10 advertising companies in India and compare their work with any international advertising house. Substantiate the reason for any deviation found.

Documentary

Unit 2 16.03.2020 to 27.03.2020 (10)

UNIT-1 : Ch-2 Functions of Advertising

Employability Skills :

Unit 1 : Communicative Skills

Sub-Topics : 1. Promotion of product
2. Drive sales
3. Build a brand identity
4. Increase the buzz

Employability Skills :

1. Importance of active listening at workplace
2. Steps to active listening

Learning Outcomes : The learners will be able to :

- understand the various functions of advertising.
- Describe the steps to active listening skills

Integration of Art : Preparing posters of steps for active listening

Watching a Short film

Unit 3 30.03.2020 to 18.04.2020 (13)

UNIT-1 : Ch-2 Types of Advertising

Employability Skills :

Unit-1 : Communicative Skills

Sub-Topics :

1. Print-newspapers, magazines, brochures, fliers, posters
2. O OH-billboards, kiosks, tradeshow events
3. Broadcast advertising-Radio, TV, digital Internet + mobile
4. In film' promos
5. Celebrity endorsements
6. Cross promotions
7. Merchandise
8. Games (Mobile and computer)
9. Covert advertising

Employability Skills :

Writing skills to the following : Sentence, Phrase
Kinds of Sentences, Parts of Sentence, Parts of
Speech, Articles Construction of a Paragraph

Learning Outcomes : The learners will be able to :

- understand the different types of advertising.

- differentiate between all the types of advertising such as broadcast, celebrity endorsement etc.

- to demonstrate basic writing skills

Integration of Art : Find out which are the latest cross promotion advertisement products in the Indian market. What are the promotion strategies being adopted? For example: "bundled" offerings, joint media appearances and events, unconventional cause-related marketing, resource booklets and videos, co-branding, coop advertising, and shared space.

Unit 4 20.04.2020 to 01.05.2020 (10)

UNIT-1 : Ch-4 Forms of Advertising

Sub-Topics :

- Product Advertising
- Institutional Advertising (Corporate)
- Social Service – PSA Advocacy Advertising
- Comparative Advertising Cooperative Advertising Direct Mail.
- A Point-of-Purchase Advertising.
- Informational Advertising.

Learning Outcomes : The learners will be able to :

- establish a clear concept on all the forms of advertising.
- differentiate between all the forms of advertising.
- understand the importance these advertising forms in practical life.

Integration of Art : There was the "Pepsi Challenge" contest in 1975 sponsored by the Cola Company in direct competition to Coca Cola its main rival brand. It is an on-going phenomenon. This is the most famous example of comparative advertising. Find out the process and the controversies involved in it.

Unit 5 04.05.2020 to 15.05.2020 (09)

UNIT-2 : Ch-1 FILM

UNIT-4 : Ch-1 FILM

Sub-Topics : Ch-1 : Film

- Pre-shooting stage.
- Shooting Stage.
- Post-shooting Stage.

UNIT IV : CREATIVE CONTRIBUTIONS OF THE KEY PEOPLE Chapter 1: Film: 1. Contributions made by Writer, Director, Producer, Actor, Cinematographer, Audiographer, Editor, Art Director, Music composer.

Learning Outcomes : The learners will be able to :

- understand the process of film making.
- comprehend the major roles and responsibilities of the key people.
- understand the complexity of being professionals.

Integration of Art :

- Watching a short video on Foley effects.
- Watching a title sequence using multimedia.

Unit 6 15.06.2020 to 26.06.2020 (10)

UNIT-2 : Ch-2 TV

UNIT-4 : Ch-1 TV

Employability Skills : Unit 2: Self-management

Sub-Topics : UNIT II : INTRODUCTION TO THE PRODUCTION PROCESS

Chapter 2 : TV

- Pre-shooting stage.
- Shooting Stage.
- Post-shooting Stage.

UNIT IV: CREATIVE CONTRIBUTIONS OF THE KEY PEOPLE

Chapter 2 : TV : Contributions made by Writer, Director, Producer, Actor, Cinematographer, Audiographer, Editor, Art Director, Music composer.

Employability Skills :

- Finding and listing motives (needs and desires);

- Finding sources of motivation and inspiration (music, books, activities); expansive thoughts; living fully in the present moment; dreaming big

- Describe the meaning of personality

- Describe how personality influence others

- Describe basic personality traits

- Describe common personality disorders paranoid, antisocial, schizoid, borderline, narcissistic, avoidant, dependent and obsessive.

Learning Outcomes : The learners will be able to :

- understand the production, pre production and post production stages.
- understand the contribution of key professionals In serial making.
- describe the various factors influencing self motivation
- describe the basic personality traits, types and disorders

Integration of Art : Making a story board

Unit 7 29.06.2020 to 10.07.2020 (11)

UNIT-2 : Ch-3 PRINT

UNIT-4 : Ch-3 PRINT

EMPLOYABILITY SKILLS :

Unit 3 : Information & Communication Technology

Sub-Topics : UNIT-2 Ch-3 : Print

- Planning, writing, editing, designing

UNIT IV CHAPTER 3 : Contributions made by Reporter, Sub-editor, Editor.

EMPLOYABILITY SKILLS

- Introduction to spreadsheet application
- Spreadsheet applications
- Creating a new worksheet
- Opening workbook and entering text
- Resizing fonts and styles

6. Copying and moving
7. Filter and sorting
8. Formulas and functions
9. Password protection.
10. Printing a spreadsheet.
11. Saving a spreadsheet in various formats.

Learning Outcomes : The learners will be able to :

- understand the routine in an editor's office.
- understand Planning, writing, editing, and designing for a newspaper.
- understand the contributions made by reporter, sub editor and editor.
- to perform tabulation using spreadsheet application

Integration of Art : Bring out a class newspaper where one group makes up the team of reporters and another team the team of sub-editors. Select an Editor for the newspaper; he/she will be the head of the newspaper organisation and will be totally responsible for the contents and also bringing out the newspaper by the deadline.

Unit 8 13.07.2020 to 24.07.2020 (10)

UNIT-2 : Ch-4 RADIO

UNIT-4 : Ch-4 RADIO

EMPLOYABILITY SKILLS

Unit 3 : Information & Communication

Technology

Sub-Topics : Unit-2 Ch-4. Radio

1. Planning, recording, editing, transmission.

Unit-4 : Ch-4 RADIO

Contributions made by artist, speaker, interviewer, recordist, programme producer, station director.

EMPLOYABILITY SKILLS:

1. Introduction to presentation
2. Software packages for presentation
3. Creating a new presentation

4. Adding a slide
5. Deleting a slide
6. Entering and editing text
7. Formatting text
8. Inserting clipart and images
9. Slide layout
10. Saving a presentation
11. Printing a presentation document.

Learning Outcomes : The learners will be able to :

- understand the role of radio Planning, recording, editing, transmission.
- understand the contributions made by artist, speaker, interviewer, recordist, programme producer, station director.
- Prepare presentation using presentation application

Integration of Art : Five-minute radio talk/play/jingle on a subject pupils are interested in.

Unit 9 & Rev. 27.07.2020 to 07.08.2020 (09)

Topic : PRACTICAL SESSION

SESSION ON DOCUMENTARY

MAKING

CAMERA ANGLES

Sub-Topics :

- Types of Documentary
- Types of Camera Angles
- Screening of Documentary

Learning Outcomes :

- The learners will be able to understand the various types of documentary.
- They will also be able to understand the different types of shots.

Integration of Art : Create a picture story using 8-10 photographs.

Unit 10 24.08.2020 to 11.09.2020 (15)

UNIT-2 : Ch-5 INTERNET

EMPLOYABILITY SKILLS :

Unit-4 : Entrepreneurship Development

Sub-Topics : Planning, Creating and delivering.

EMPLOYABILITY SKILLS : Unit 4 :

Barriers to becoming entrepreneur 2.

Behavioural and entrepreneurial competencies – adaptability/decisive ness, initiative/perseverance, interpersonal skills, organizational skills, stress management, valuing service and diversity

Learning Outcomes : The learners will be able to :

- understand the importance of planning, creating and delivering a website.
- identify the general and entrepreneurial behavioural competencies.

Integration of Art : Create the plan of a webpage of your choice taking into account how it would look, who would be the target audience and the purpose of the website ?

Unit 11 14.09.2020 to 25.09.2020 (11)

Unit-4 : Ch-5 Internet

EMPLOYABILITY SKILLS:

Unit-4 : Entrepreneurship Development

Unit-5 : Green Skills

Sub-Topics : Unit 4 : Ch-5

Contributions made by writer, conceptualizer, editor, designer

EMPLOYABILITY SKILLS :

Unit-4 : Entrepreneurship Development

Entrepreneurial competencies in particular :

self - confidence, initiative, seeing and acting on opportunities, concern for quality, goal setting and risk taking, problem solving and creativity, systematic planning and efficiency, information seeking, persistence, influencing and negotiating, team building

Unit-5 :

1. Role of green jobs in toxin-free homes,

HINDUSTANI MUSIC-VOCAL

Reference books :

1. Raga Parichya-Part 1
Writer : Prof. Harishchander Srivastva,
Pub.: Sangeet Sadan Prakashan, Allahabad
2. Madhur Swarlipi Sangraha-Part-1
Editor : Prof. Harishchander Srivastva,
Pub.: Sangeet Sadan Prakashan, Allahabad
3. Sangeet Visharad

Unit 1 02.03.2020 to 13.03.2020 (08)

Activity : Raga Bhairav & Brief study of :
Alankar, Varna, Kan, Meend,
Khatka, Murki, Gamak

Unit 2 16.03.2020 to 27.03.2020 (10)

Activity : Raga Bandish : Chhota, Bada
Khyal & Dhamar Geet, Thekas of
Taal : Dhamar & Jhaptala

Unit 3 30.03.2020 to 18.04.2020 (13)

Activity : Biography of musicians : Ustad
Abdul Karim Khan &
Ustad Faiyaz Khan

Unit 4 20.04.2020 to 01.05.2020 (10)

Activity : Raag Malkauns & Classification of
Ragas

Unit 5 04.05.2020 to 15.05.2020 (09)

Activity : One Chhota Khayal & Sangeet
Ratnakar

Unit 6 15.06.2020 to 26.06.2020 (10)

Activity : Raga Malkauns-Tarana

Unit 7 29.06.2020 to 10.07.2020 (11)

Activity : Talas : Tilwada, Rupak & Sangeet
Parijat

Unit 8 13.07.2020 to 24.07.2020 (10)

Activity : Raag Bhageshri & Brief study of :
Sadra, Dadra, Gram, Murchhana,
Alap, Tana Khatka, Murki

2. Green organic gardening, public transport and energy conservation,
3. Green jobs in water conservation
4. Green jobs in solar and wind power, waste reduction, reuse and recycling of wastes,
5. Green jobs in green tourism
6. Green jobs in building and construction
7. Green jobs in appropriate technology
8. Role of green jobs in Improving energy and raw materials use
9. Role of green jobs in limiting greenhouse gas emissions
10. Role of green jobs minimizing waste and pollution
11. Role of green jobs in protecting and restoring ecosystems
12. Role of green jobs in support adaptation to the effects of climate change

Learning Outcomes : The learners will be able to :

- understand the contributions made by writer, visualize, editor and designer in formulating a website.
- Identify the role and importance of green jobs in different sectors
- Demonstrate the knowledge of self assessment of behavioural competencies

Integration of Art :

1. Listing of green jobs and preparation of posters on green job profiles
2. Prepare posters on green jobs

Unit 12 28.09.2020 to 16.10.2020 (15)

UNIT-3 : NEW MEDIA

Sub-Topics : Ch-1 : Convergence and the New Possibilities of Communication

Earlier models of communication

1. Internet as the meeting point of all the mass media.
2. Broadcasting
3. Mass communication model of a few

- transmitting to a vast number of receivers.
4. Gigantic organization.
 5. Huge technical infra-structure
 6. Large scale revenue. The changed paradigm due to the Internet.
 7. Empowering an individual to post data on the Internet.
 8. Information, message in one medium triggering off activity in the others.
 9. Many sources of the same information.
 10. Distribution of the information between individuals on an unprecedented global scale.
 11. Rapidity of opinion generation on a local, national and global scale.
 12. The socio-political implications of the new information order.
 13. The strengthening of democracy.
 14. Emerging trends in Mass Communication

Learning Outcomes : The learners will be able to

- understand the emergence of new media for betterment of people.
- They will be able to identify the sources of new media.

Integration of Art : Write down the impact of Information Technology on the lives of poor people of India in terms of Economic Development (where they get assistance in finding jobs and marketing their produce by auctioning on e- bays etc), Social development (free flow of information and democratization of knowledge, increased transparency of Government functioning and disaster management and logistics support for natural calamities etc.) and the Personal Development (Universalisation of education through life-long learning, reducing gender bias, Telemedicine, Access to information about hygiene and safe water, helping to reduce infant mortality etc.)

Unit 9 & Rev. 27.07.2020 to 07.08.2020 (09)

Activity : Biography of musicians : Pt. Krishna Rao Shankar Pandit & Ustad Bade Ghulam Ali Khan

Unit 10 24.08.2020 to 11.09.2020 (15)

Activity : Time theory of Ragas & Raga Suddha Sarang

Unit 11 14.09.2020 to 25.09.2020 (11)

Activity : Raga Bandish – Chhota Khyal

Unit 12 28.09.2020 to 16.10.2020 (15)

Activity : Raga Revisions

EXAMINATION SCHEDULE :

Periodic Asst.-1 30.03.2020 to 04.05.2020

Topic : Unit 1, 2 & 3

Periodic Asst.-2 11.05.2020 to 27.07.2020

Topic : Unit 4 & 5

MOCK TEST-1 10.08.2020 to 21.08.2020

Topic : Unit 1 to 8

Pre-Board-1 12.11.2020 to 04.12.2020

Topic : Entire Syllabus

Pre-Board-2 22.12.2020 to 11.01.2021

Topic : Entire Syllabus

PHYSICAL EDUCATION**Prescribed Book :**

Unit 1 02.03.2020 to 13.03.2020 (08)

Topic : Planning in Sports, Sports nutrition

Unit 2 16.03.2020 to 27.03.2020 (10)

Topic : Yoga and life style

Unit 3 30.03.2020 to 18.04.2020 (13)

Topic : Physical education and sports for (CWSN)

Unit 4 20.04.2020 to 01.05.2020 (10)

Topic : Children and woman sports

Unit 5 04.05.2020 to 15.05.2020 (09)

Topic : Test & Measurement in sports

Unit 6 15.06.2020 to 26.06.2020 (10)

Topic : Physiology and Injuries in sports

Unit 7 29.06.2020 to 10.07.2020 (11)

Topic : Biomechanics and Sports

Unit 8 13.07.2020 to 24.07.2020 (10)

Topic : Psychology and Sports

Unit 9 & Rev. 27.07.2020 to 07.08.2020 (09)

Topic : Training in Sports

Unit 10 24.08.2020 to 11.09.2020 (15)

Topic : Revision

Unit 11 14.09.2020 to 25.09.2020 (11)

Topic : Revision

Unit 12 28.09.2020 to 16.10.2020 (15)

Topic : Revision

**FINANCIAL MARKETS
MANAGEMENT****Prescribed Book :**

Financial Markets Management

Teaching Objectives :

The main objectives of this syllabus are to :

1. To develop financial skills
2. To build foundation for money management and equity market
3. To develop basic understanding of mutual funds, capital and derivative market
4. To build speed and accuracy for financial market operations
5. To develop business acumen and entrepreneurial skills for financial markets
6. To gain knowledge of green skills for environment protection
7. To develop computer skills required for financial market.

8. To learn oral and written communication skills to deal with clients

9. To understand regulatory requirements while working in financial markets

Unit 1 02.03.2020 to 13.03.2020 (08)

Topic : Ch-1 : Introduction to Indian Securities Market and Trading Membership

Employability Skills : Ch-1 Communication Skills

Learning Outcomes : To make learner aware about the Indian securities Market

Art Integration : Project –

Indian securities Market

NLT software

Unit 2 16.03.2020 to 27.03.2020 (10)

Topic : Ch-1 : Introduction to Indian Securities Market and Trading Membership

Employability Skills : Ch-1 Communication Skills

Learning Outcomes : To make learner aware about the Indian securities Market

Art Integration : NLT software

Unit 3 30.03.2020 to 18.04.2020 (13)

Topic : Ch-2 : TRADING

Employability Skills : Ch-2 Self-management Skills-I

Learning Outcomes : To make learner aware about the techniques of trading in the securities market

Art Integration : NLT software

Unit 4 20.04.2020 to 01.05.2020 (10)

Topic : Ch-2 : TRADING

Employability Skills : Ch-2 Self-management Skills-I

Learning Outcomes : To make learner aware about the techniques of trading in the securities market

Art Integration :

Project – Trading

Using graphs

Unit 5 04.05.2020 to 15.05.2020 (09)

Topic : Ch-3 : Clearing, Settlement and Legal Framework

Learning Outcomes : To make learner aware about the legal framework of clearing corporation

Art Integration : NLT software

Unit 6 15.06.2020 to 26.06.2020 (10)

Topic : Ch-3 : Clearing, Settlement and Legal Framework

Employability Skills : Ch-3 Information and Communication Technology Skills

Learning Outcomes : To make learner aware about the legal framework of clearing corporation

Art Integration : NLT software

Unit 7 29.06.2020 to 10.07.2020 (11)

Topic : Ch-4 : Introduction to Derivatives. Mutual Funds Products and Features

Employability Skills : Ch-4 Entrepreneurial Skills

Learning Outcomes : To make learner aware about the meaning of Derivatives

Art Integration : Project - Derivatives

Unit 8 13.07.2020 to 24.07.2020 (10)

Topic : Ch-4 : Introduction to Derivatives. Mutual Funds Products and Features

Employability Skills : Ch-4 Entrepreneurial Skills

Learning Outcomes : To make learner aware about the meaning of Derivatives

Art Integration : Project - Derivatives

Unit 9 & Rev. 27.07.2020 to 07.08.2020 (09)

Topic : Ch-5: Introduction to Futures and Options

Employability Skills

C-4 Entrepreneurial Skills

Learning Outcomes : To make learner aware about the meaning of Futures and Options

Art Integration : Project – Futures and Options

Unit 10 24.08.2020 to 11.09.2020 (15)

Topic : Ch-5 : Introduction to Futures and Options

Employability Skills : C-4 Entrepreneurial Skills

Unit 11 14.09.2020 to 25.09.2020 (11)

Topic : Ch-5 : Introduction to Futures and Options

Employability Skills : C-4 Entrepreneurial Skills

Learning Outcomes : To make learner aware about the meaning of Futures and Options

Art Integration : NLT software

Unit 12 28.09.2020 to 16.10.2020 (15)

Topic : Revision

EXAMINATION SCHEDULE :

Periodic Asst.-1 30.03.2020 to 04.05.2020

Topic : Ch 1, 2

Periodic Asst.-2 11.05.2020 to 27.07.2020

Topic : Ch 3, 4

MOCK TEST-1 10.08.2020 to 21.08.2020

Topic :

Pre-Board-1 12.11.2020 to 04.12.2020

Topic : Whole Syllabus

Pre-Board-2 22.12.2020 to 11.01.2021

Topic : Whole Syllabus

SEWA

Prescribed Book :

Objectives :

- ◆ To foster strong mental and social health.
- ◆ To connect children with their peers, their elders, the community, the environment etc.
- ◆ To direct children's mind in constructive activities with positive outcomes through the facilitation of creative and critical thinking.

- ◆ To develop self-confidence and self-esteem.
- ◆ To underline the significance of the interdependence of all human beings and our dependence on the environment in this shrinking global village.

Unit 1 25.02.2019 to 16.03.2019 (15)

Topic : Introduction to SEWA Project

Unit 2 18.03.2019 to 30.03.2019 (10)

Topic : Class discussion on introduction of the activities, Reflection writing and Reflective Musings

Unit 3 01.04.2019 to 12.04.2019 (11)

Topic : Article Writing

Unit 4 15.04.2019 to 26.04.2019 (09)

Topic : Reflection writing and Reflective Musings

Unit 5 29.04.2019 to 17.05.2019 (15)

Topic : Poster making

Unit 6 20.05.2019 to 31.05.2019 (10)

Topic : Reflection writing and Reflective Musings

Unit 7 28.06.2019 to 12.07.2019 (13)

Topic : Slogan writing (Creative writing)

Unit 8 15.07.2019 to 26.07.2019 (10)

Topic : Reflection writing and Reflective Musings

Unit 9 & Rev. 29.07.2019 to 08.08.2019 (10)

Topic : preparing a checklist of school areas and ensuring regular cleanliness by adopting relevant measures

Unit 10 26.08.2019 to 13.09.2019 (15)

Topic : Reflection writing and Reflective Musings

Unit 11 16.09.2019 to 27.09.2019 (11)

Topic : Completion of Portfolio

Unit 12 30.09.2019 to 18.10.2019 (12)

Topic : Completion of Portfolio