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PREFACE

The syllabus for Class XI 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. Problem Solving Assessment (PSA) will be conducted by CBSE in January and it is mandatory for every student to appear for the PSA. In case a student is unable to qualify the PSA in class XI, then he/she will be required to appear for the same in the next year.
19. School would also be conducting the following assessments in accordance with the guidelines issued by the board.
 - a) ASL : Assessment in speaking & listening skills in English.
 - b) OTBA : Open text based assessment in the annual exam in economics, biology & geography. The text for OTBA will be provided by CBSE.
20. Grades will also be given in the following areas of learning - Work Experience, Physical Education & General Studies.

ASSESSMENT PATTERN FOR ACADEMIC YEAR 2018-19

1. The academic session 2018-19 will be divided as follows :
 1st Term : September 2018 (Half Yearly Exam)
 2nd Term : February 2019 (Annual Exam)
2. One round of Periodic assessment will be conducted in all the subjects before the half yearly exam i.e. in July/August'18 and two rounds of Periodic assessment will be conducted before the final exams i.e. in Oct.'18/Nov.'18 and Nov./Dec.'18/Jan.'19. The dates for all the examinations 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. 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 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 assessments. We would appreciate if the child does not absent himself/herself during the assessments.
4. Evaluation will be based on the students continuous academic performance during the year. Weightage for the unit tests and examinations is given below :

Periodic Assessment-1	: 50 marks
Periodic Assessment-2	: 25 marks
Periodic Assessment-3	: 25 marks
Half Yearly Exam	: 100 marks
Annual Exam	: 100 Marks
Total	: 300 marks

Cumulative Annual Average : 100 marks
(20% of UT + 30% of Half Yearly Exam + 50% of Annual Exam. i.e.120/300).
5. School would be conducting the following assessments in accordance with the guidelines issued by CBSE.
 ASL : Assessment in speaking & listening skills in English for class XI. The grade scored in the assessment of Speaking and Listening Skills in English will be a part of Annual Examination and will be reflected as an aggregate in the performance profile.
6. Students will be promoted on the basis of the comprehensive system of evaluation spread throughout the academic year. Hence the promotion of your ward to the next class depends on his/her performance in written assignments, project work, assessments, class and home assignments and internal assessment. **Students scoring 40% in aggregate and in each individual subject and securing 85% attendance will be eligible for promotion to the next class.**
7. Grades will also be given in the following areas of learning :
 Work Experience, Physical Education & General Studies.
8. 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 every assessment except the annual exam.
9. **Students found using unfair means during any cycle test/unit test or terminal exams will be marked zero in that subject. No retest will be conducted for such students. These students will not be eligible for any academic award or appointment in the student council thereafter.**
10. **Parents are requested to attend the Parent Teacher Meetings regularly, as per schedule given in the almanac.**

UNIT WISE DISTRIBUTION OF THE SYLLABUS (2018-19)CLASS XI

Units	Dates		No. of Days
	From	To	
Unit 1	16.04.2018	27.04.2018	10
Unit 2	01.05.2018	18.05.2018	14
Summer Vacation	19.05.2018	28.06.2018	
Unit 3	29.06.2018	13.07.2018	13
Unit 4	16.07.2018	27.07.2018	11
Unit 5	30.07.2018	10.08.2018	10
Unit 6	13.08.2018	24.08.2018	09
Unit 7	27.08.2018	15.09.2018	15
Half Yearly Exams	17.09.2018	28.09.2018	
Unit 8	01.10.2018	12.10.2018	10
Autumn Break	17.10.2018	20.10.2018	
Unit 9	15.10.2018	03.11.2018	12 (including Autumn break)
Unit 10	05.11.2018	30.11.2018	12 (including Diwali break)
Unit 11	01.12.2018	15.12.2018	12
Unit 12	17.12.2018	28.12.2018	08
Winter Break	29.12.2018	05.01.2019	
Unit 13 & Rev.	07.01.2019	01.02.2019	21
Annual Exams	04.02.2019	15.02.2019	

EXAMINATION SCHEDULE :

Assessment	Dates	
	From	To
Periodic Asst.-1	16.07.2018	20.08.2018
Half Yearly Exams	17.09.2018	28.09.2018
Periodic Asst.-2	15.10.2018	03.12.2018
Periodic Asst.-3	10.12.2018	21.01.2019
Annual Exams	04.02.2019	15.02.2019

ENGLISH CORE

Prescribed Books :

1. Hornbill (NCERT)
2. Snapshots (NCERT)
3. The Canterville Ghost By Oscar Wilde (Umabridged Edition)

General Objective :

To Lead the learners to substantiate an understanding of the connection between writing and thinking and demonstrate effectiveness in using verbal and non verbal language appropriate to the goal.

- ❖ Improve communication between student-student and teacher-student.
- ❖ To develop academic skills.
- ❖ To enhance the students' knowledge of subject content.
- ❖ To read the literature with an appreciation for inter-relatedness of plot, character, theme and style.
- ❖ Form an appreciation for all genres of literature.

Unit 1 16.04.2018 to 27.04.2018 (10)

Content : Integrated Grammar, Notice Writing, Photograph, Comprehension passages, Portrait of a lady, Letter to the editor.

Unit 2 01.05.2018 to 18.05.2018 (14)

Content : Job application, We're not Afraid to Die, Ranga's Marriage, The Summer of Beautiful White Horse.

Unit 3 29.06.2018 to 13.07.2018 (13)

Content : Discovering Tut..., Note Making, The voice of Rain

Unit 4 16.07.2018 to 27.07.2018 (11)

Content : Letter of Inquiry, Article Writing, Speech Writing, Debate Writing Novel (1-4)

Unit 5 30.07.2018 to 10.08.2018 (10)

Content : Childhood, Mother's Day, Letter of complaint.

Unit 6 13.08.2018 to 24.08.2018 (09)

Content : Comprehension Passages, Browning Version, Speech Writing, Debate Writing

Unit 7 27.08.2018 to 15.09.2018 (15)

Content : Revision

Unit 8 01.10.2018 to 12.10.2018 (10)

Content : Comprehension Passages, Note making, Father to Son, Letter of placing order.

Unit 9 15.10.2018 to 03.11.2018 (12)

Content : Speech Writing, The tale of Melon City, Novel 5-7.

Unit 10 05.11.2018 to 30.11.2018 (12)

Content : The Address, Albert Einstein at the School

Unit 11 01.12.2018 to 15.12.2018 (12)

Content : The Ailing Planet

Unit 12 17.12.2018 to 28.12.2018 (08)

Content : Birth, Note Making

Unit 13 & Rev. 07.01.2019 to 01.02.2019 (21)

Content : Revision.

ASSESSMENT SCHEDULE :

Periodic Asst.-1 16.07.2018 to 20.08.2018

Content : Integrated grammar, Notice Writing, photograph, Comprehension passages, Portrait of a Lady, Letter to the editor, The summer of beautiful white horse.

Half Yearly Exams 17.09.2018 to 28.09.2018

Periodic Asst.-2 15.10.2018 to 03.12.2018

Content : Comprehension Passages, Note making, Letter of Placing order, Article Writing, Debate Writing, Speech Writing, Letter of Inquiry.

Periodic Asst.-3 10.12.2018 to 21.01.2019

Content : Novel 1-7 Letter of complaint, Job Application.

Annual Exams 04.02.2019 to 15.02.2019

Content : Complete Syllabus

MATHEMATICS

Prescribed Book : 1. NCERT Text Book

Reference Books :

2. Exemplar Problems (by NCERT)

3. DOE Support Material

Teaching Objective of Sr. 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. Universalisation of schooling has important implications for mathematics curriculum.

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

- ◆ Children learn to enjoy mathematics.
- ◆ Children learn important mathematics.
- ◆ Mathematics is a part of children's life experience which they talk about.
- ◆ Children pose and solve meaningful problems.

- ◆ Children use abstractions to perceive relationships and structure.
- ◆ Children understand the basic structure of mathematics.
- ◆ Teachers expect to engage every child in class.

Unit 1	16.04.2018 to 27.04.2018	(10)
Topic	: Ch-1 Sets and Ch-2 Relations & Functions	
Unit 2	01.05.2018 to 18.05.2018	(14)
Topic	: Ch-3 Trigonometry	
Unit 3	29.06.2018 to 13.07.2018	(13)
Topic	: Recap for new admission & Ch-4 PMI	
Unit 4	16.07.2018 to 27.07.2018	(11)
Topic	: Ch-5 Complex Numbers & Ch-6 Linear inequalities & Revision	
Unit 5	30.07.2018 to 10.08.2018	(10)
Topic	: Ch-7 P & C	
Unit 6	13.08.2018 to 24.08.2018	(09)
Topic	: Ch-8 Binomial Theorem & Revision	
Unit 7	27.08.2018 to 15.09.2018	(15)
Topic	: Ch-9 Sequence and series & Revision for Half Yearly Exam	
Unit 8	01.10.2018 to 12.10.2018	(10)
Topic	: Ch-10 Straight Lines	
Unit 9	15.10.2018 to 03.11.2018	(12)
Topic	: Ch-11 Conic Sections	
Unit 10	05.11.2018 to 30.11.2018	(12)
Topic	: Ch-12 3-D Ch-15 Stats + Revision	
Unit 11	01.12.2018 to 15.12.2018	(12)
Topic	: Ch-14 Mathematical Reasoning + Revision.	
Unit 12	17.12.2018 to 28.12.2018	(08)
Topic	: Ch-16 Probability	

Unit 13 & Rev. 07.01.2019 to 01.02.2019 (21)

Topic : Ch-16 Probability Cont. &
Revision

ASSESSMENT SCHEDULE :**Periodic Asst.-1 16.07.2018 to 20.08.2018**

Topic : Ch. 3 to 6

Half Yearly Exams 17.09.2018 to 28.09.2018

Topic : Unit 1 to 7

Periodic Asst.-2 15.10.2018 to 03.12.2018

Topic : Ch. 10, 11

Periodic Asst.-3 10.12.2018 to 21.01.2019

Topic : Ch. 1, 12, 15

Annual Exams 04.02.2019 to 15.02.2019

Topic : Unit 1 to 13

PHYSICS

Book Prescribed : NCERT Text Book

Reference Book :

New Simplified Physics 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 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 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 16.04.2018 to 27.04.2018 (10)

Ch.-1 Physical World

Ch.-2 Units and Measurement

Unit 2 01.05.2018 to 18.05.2018 (14)

Ch.-3 Motion in a Straight Line

Unit 3 29.06.2018 to 13.07.2018 (13)

Ch.-4 Motion in a plane

Unit 4 16.07.2018 to 27.07.2018 (11)

Ch.-5 Law of Motion

Unit 5 30.07.2018 to 10.08.2018 (10)

Ch.-6 Work, Energy and Power

Unit 6 13.08.2018 to 24.08.2018 (09)

Ch.-7 System of particles and Rotational motion

Unit 7	27.08.2018 to 15.09.2018	(15)
Ch.-7	System of particles and Rotational motion (contd) & Revision	
Unit 8	01.10.2018 to 12.10.2018	(10)
Ch.-8	Gravitation	
Ch.-9	Mechanical properties of solid	
Unit 9	15.10.2018 to 03.11.2018	(12)
Ch.-10	Mechanical Properties of Fluids	
Unit 10	05.11.2018 to 30.11.2018	(12)
Ch.-11	Thermal Properties of Matter	
Ch.-12	Thermodynamics	
Unit 11	01.12.2018 to 15.12.2018	(12)
Ch.-12	Thermodynamics	
Unit 12	17.12.2018 to 28.12.2018	(08)
Ch.-13	Kinetic theory of Gases	
Unit 13 & Rev.	07.01.2019 to 01.02.2019	(21)
Ch.-14 & 15	Oscillations and Wave	
ASSESSMENT SCHEDULE :		
Periodic Asst.-1	16.07.2018 to 20.08.2018	
Ch.	: 2, 3	
Half Yearly Exams	17.09.2018 to 28.09.2018	
Ch	: 2, 3, 4, 5, 6	
Periodic Asst.-2	15.10.2018 to 03.12.2018	
Ch .	: 7	
Periodic Asst.-3	10.12.2018 to 21.01.2019	
Ch.	: 8, 9	
Annual Exams	04.02.2019 to 15.02.2019	
	Complete syllabus	

CHEMISTRY

Prescribed Book :

Objectives :

The curriculum of Chemistry at Senior Secondary Stage aims to:

- ❖ To promote understanding of basic facts and

concepts in chemistry while retaining the excitement of chemistry.

- ❖ Make students capable of studying chemistry in academic and professional courses (such as medicine, engineering, technology) at tertiary level.
- ❖ Expose the students to various emerging new areas of chemistry and apprise them with relevance in future studies and their application in various spheres of chemical sciences and technology.
- ❖ Equip students to face various challenges related to health, nutrition, environment, population, weather, industries and agriculture.
- ❖ Develop problem solving skills in students.
- ❖ Expose the students to different processes used in industries and their technological applications.
- ❖ Apprise students with interface of chemistry with other disciplines of science such as physics, biology, geology, engineering etc.
- ❖ Acquaint students with different aspects of chemistry used in daily life.
- ❖ Develop an interest in students to study chemistry as a discipline.
- ❖ Integrate life skills and values in the context of chemistry.

Unit 1 **16.04.2018 to 27.04.2018** **(10)**

Content : Some basic concept

Unit 2 **01.05.2018 to 18.05.2018** **(14)**

Content : Structure of atom

Unit 3 **29.06.2018 to 13.07.2018** **(13)**

Content : Periodicity Classification of elements.

Unit 4 **16.07.2018 to 27.07.2018** **(11)**

Content : Chemical Bonding

Unit 5 **30.07.2018 to 10.08.2018** **(10)**

Content : States of matter

Unit 6 **13.08.2018 to 24.08.2018** **(09)**

Content : Thermodynamics

Unit 7 **27.08.2018 to 15.09.2018** **(15)**

Content : Thermodynamics

Unit 8 **01.10.2018 to 12.10.2018** **(10)**

Content : Equilibrium

Unit 9 **15.10.2018 to 03.11.2018** **(12)**

Content : Redox, Hydrogen

Unit 10 **05.11.2018 to 30.11.2018** **(12)**

Content : S, p Block

Unit 11 **01.12.2018 to 15.12.2018** **(12)**

Content : Basic concept of organic chemistry

Unit 12 **17.12.2018 to 28.12.2018** **(08)**

Content : Hydrocarbon

Unit 13 & Rev. **07.01.2019 to 01.02.2019** **(21)**

Content : Environmental Chemistry

ASSESSMENT SCHEDULE :

Periodic Asst.-1 **16.07.2018 to 20.08.2018**

Units : 1, 2, 3

Half Yearly Exams **17.09.2018 to 28.09.2018**

Units : 1, 2, 3, 4, 5

Periodic Asst.-2 **15.10.2018 to 03.12.2018**

Units : 6, 7

Periodic Asst.-3 **10.12.2018 to 21.01.2019**

Units : 8, 9

Annual Exams **04.02.2019 to 15.02.2019**

Complete syllabus

BIOLOGY

Prescribed Books :

OBJECTIVES :

- ❖ To promote understanding of basic principle 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.
- ❖ 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	16.04.2018 to 27.04.2018	(10)
Ch 1	: The Living World	
Ch-2	: Biological Classification	
Unit 2	01.05.2018 to 18.05.2018	(14)
Ch-4	: Animal Kingdom	
Ch-3	: Plant Kingdom	
Unit 3	29.06.2018 to 13.07.2018	(13)
Ch-5	: Morphology of flowering plants	
Ch-6	: Anatomy of flowering plants,	
Unit 4	16.07.2018 to 27.07.2018	(11)
Ch-7	: Structural organisation in Animals	
Ch-8	: Cell : Unit of life	
Unit 5	30.07.2018 to 10.08.2018	(10)
Ch-9	: Biomolecules	
Ch-10	: Cell cycle and cell division	
Unit 6	13.08.2018 to 24.08.2018	(09)
Ch-11	: Transport in plants	
Ch-12	: Mineral nutrition	
Unit 7	27.08.2018 to 15.09.2018	(15)
Ch-13	: Photosynthesis in higher plants	
	Revision	
Unit 8	01.10.2018 to 12.10.2018	(10)
Ch-14	: Respiration in plants	

Unit 9	15.10.2018 to 03.11.2018	(12)
Ch-15	: Plant growth and development	
Ch-16	: Digestion and absorption	
Unit 10	05.11.2018 to 30.11.2018	(12)
Ch-17	: Circulation of body fluids	
Ch-18	: Body Fluids	
Unit 11	01.12.2018 to 15.12.2018	(12)
Ch-19	: Plant growth and development	
Unit 12	17.12.2018 to 28.12.2018	(08)
Ch-20	: Locomotion and movement	
Unit 13 & Rev.	07.01.2019 to 01.02.2019	(21)
Ch-21 & 22	: Neural control and chemical control.	

ASSESSMENT SCHEDULE :

Periodic Asst.-1 16.07.2018 to 20.08.2018

Syllabus : Ch-1 to 3

Half Yearly Exams 17.09.2018 to 28.09.2018

Syllabus : Ch-1 to 13

Periodic Asst.-2 15.10.2018 to 03.12.2018

Syllabus : Ch-15 & 16

Periodic Asst.-3 10.12.2018 to 21.01.2019

Syllabus : Ch-15, 16 & 17

Annual Exams 04.02.2019 to 15.02.2019

Syllabus : Complete syllabus

COMPUTER SCIENCE

Prescribed Book :

Computer Science By Pinky Arora

Reference Book :

Computer Science By Sumita Arora

Learning Objectives :

The Computer Science Curriculum is designed so that each student will have demonstrated the following competencies upon graduating with a Bachelor of Science in Computer Science :

1. Ability to apply knowledge of computing and mathematics appropriate to the discipline.

2. Ability to analyze a problem and identify and define the computing requirements to solution.
3. Ability to design, implement and evaluate a computer - based system, process, component or program to meet desired needs.
4. Ability to function effectively on teams to accomplish a common goal.
5. Understanding of professional, ethical, security, and social issues and responsibilities.
6. Ability to communicate effectively with a range of audiences.
7. Ability to analyze the local and global impact of computing on individuals, organizations and society.
8. Recognition of the need for and having the ability to engage in continuing professional development.
9. Ability to use current techniques, skills, and tools necessary for computing practice.
10. Ability to apply mathematical foundations, arithmetical principles, and computer science theory in the modeling and design of computer-based systems that demonstrates trade-offs involved in design choices.
11. Ability to apply design and development principles in the construction of software systems of varying complexity.

Unit 1 16.04.2018 to 27.04.2018 (10)

Content : Ch-1 Computer Overview
Ch-2 Working with Operating System

Unit 2 01.05.2018 to 18.05.2018 (14)

Content : Ch-3 Data Representation
Ch-6 Getting Started with C++

Unit 3	29.06.2018 to 13.07.2018	(13)
Content	: Ch-4 Microprocessor Basics Ch-5 Programming Methodology	
Unit 4	16.07.2018 to 27.07.2018	(11)
Content	: Ch-7 Data handling	
Unit 5	30.07.2018 to 10.08.2018	(10)
Concept	: Ch-8 Operators and Expressions in C++ Ch-9 C++ Standard	
Unit 6	13.08.2018 to 24.08.2018	(09)
Concept	: Ch-10 Flow of control	
Unit 7	27.08.2018 to 15.09.2018	(15)
Concept	: Ch-10 Flow of control Revision	
Unit 8	01.10.2018 to 12.10.2018	(10)
Concept	: Ch-10 Flow of control Ch-11 Library functions	
Unit 9	15.10.2018 to 03.11.2018	(12)
Concept	: Ch-11 Functions	
Unit 10	05.11.2018 to 30.11.2018	(12)
Concept	: Ch-11 Functions	
Unit 11	01.12.2018 to 15.12.2018	(12)
Concept	: Ch-12 Array	
Unit 12	08.01.2018 to 25.01.2018	(15)
Concept	: Ch-12 Array	
Unit 13 & Rev.	07.01.2019 to 01.02.2019	(21)
Concept	: Ch-13 Structures	
Concept	: Ch-14 General OOP Concepts Revision	

EXAMINATION SCHEDULE :**Periodic Asst.-1 16.07.2018 to 20.08.2018**

Ch. : 1, 2, 3

Half Yearly Exams 17.09.2018 to 28.09.2018**Periodic Asst.-2 15.10.2018 to 03.12.2018**

Ch. : 10, 11

Periodic Asst.-3 10.12.2018 to 21.01.2019

Ch. : 12, 13

Annual Exams 04.02.2019 to 15.02.2019**INFORMATICS PRACTICES****Prescribed Book : NCERT (IP)****Reference Book :****Informatics Practices by Sumita Arora****OBJECTIVES :****Learning Objectives :**

1. To understand the application development environment.
2. To gain programming Skills in GUI Programming Tool database creation in RDBMS.
3. To design, program and develop database application using GUI Programming Tool and RDBMS.
4. To learn database connectivity using Net Beans as Front - end tool.
5. To develop ability to use the Open Source Technology.

Competencies :

1. Student will become familiar with Application Development.
2. Student will be able to develop & debug programs independently.
3. Student can use SQL for storing and retrieving data from the RDBMS.
4. Ability to arrive at a normalized design of tables and other database objects in RDBMS.
5. Student will be able to develop a Client Server Application using Front end Back end tools.

Unit 1 16.04.2018 to 27.04.2018 (10)

Topic : Ch-1 Introduction to Computer System

Ch-2 Hardware Concepts

Ch-3 Software

Unit 2 01.05.2018 to 18.05.2018 (14)

Topic : Ch-4 Getting Started with Programming

Unit 3 29.06.2018 to 13.07.2018 (13)

Topic : Ch-5 Programming Fundamentals

Unit 4 16.07.2018 to 27.07.2018 (11)

Topic : Ch-5 Programming Fundamentals

Unit 5 30.07.2018 to 10.08.2018 (10)

Topic : Ch-6 Programming Guidelines

Unit 6 13.08.2018 to 24.08.2018 (09)

Topic : Ch-7 Database Concepts

Unit 7 27.08.2018 to 15.09.2018 (15)

Topic : Ch-8 Introduction to MYSQL

Unit 8 01.10.2018 to 12.10.2018 (10)

Topic : Ch-8 Introduction to MYSQL

Unit 9 15.10.2018 to 03.11.2018 (12)

Topic : Ch-9 Functions in MYSQL

Unit 10 05.11.2018 to 30.11.2018 (12)

Topic : Ch-9 Functions in MYSQL

Unit 11 01.12.2018 to 15.12.2018 (12)

Topic : Ch-10 IT Applications

Unit 12 17.12.2018 to 28.12.2018 (08)

Topic : Ch-10 Programs of Netbeans

Unit 13 & Rev. 07.01.2019 to 01.02.2019 (21)Topic : Ch-10 Programs of Netbeans and
Revision**ASSESSMENT SCHEDULE :****Periodic Asst.-1 16.07.2018 to 20.08.2018**

Ch. : 1, 2, 3

Half Yearly Exams 17.09.2018 to 28.09.2018**Periodic Asst.-2 15.10.2018 to 03.12.2018**

Ch. : 1, 2, 3

Periodic Asst.-3 10.12.2018 to 21.01.2019

Ch. : 10

Annual Exams 04.02.2019 to 15.02.2019

PAINTING

Prescribed Books :

1. Panoramic Indian Painting

2. History of Indian Art

Publication : New Saraswati House

Learning 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 learn the best use of waste material to make something new.
- To make children independent in creating their own style and skills.

Unit 1 16.04.2018 to 27.04.2018 (10)

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

Theory : Art of Indus Valley (Harappan and Mohenjo-daro) (2500 B.C. to 1500 B.C.).

Unit 2 01.05.2018 to 18.05.2018 (14)

Practical : Same model to be completed with water colour.

Theory : Study of Indus Valley Sculptures and Terracottas.

Unit 3 29.06.2018 to 13.07.2018 (13)

Practical : Composition on any subject (Railway Station)
Sketch with pencil draw more than three figures.

Theory : Study of following Decoration on earthen wares :
(i) Painted earthen-ware (Jar)
Mohenjo-daro.

Unit 4 16.07.2018 to 27.07.2018 (11)

Practical : Same composition to be completed in water colour.

Theory : Buddhist, Jain and Hindu Art

Unit 5 30.07.2018 to 10.08.2018 (10)

Practical : Start new model with Pencil Drawing

Theory : Study of Buddhist Sculptures

Unit 6 13.08.2018 to 24.08.2018 (09)

Practical : Some model to be continued and finished with colour.

Theory : Introduction to Ajanta

Unit 7 27.08.2018 to 15.09.2018 (15)

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

Theory : Study of Ajanta Painting & Sculpture

Unit 8 01.10.2018 to 12.10.2018 (10)

Practical : Same composition scene to be completed in water colour

Theory : Temple Sculpture, Bronzes and Indo-Islamic Architecture

Unit 9 15.10.2018 to 03.11.2018 (12)

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

Theory : Bronzes
(i) Introduction to Indian Bronzes
(ii) Method of casting (solid and hollow)

Unit 10 05.11.2018 to 30.11.2018 (12)

Practical : Model finish with colour.

Theory : Artistic Aspects of Indo-Islamic Architecture
(1) Introduction

Unit 11 01.12.2018 to 15.12.2018 (12)

Practical : Composition with water colour

Theory : Study of following Temple-sculptures :

- Qutub Minar, Delhi
- Taj Mahal, Agra
- Gol Gumbaj of Bijapur

Unit 12 17.12.2018 to 28.12.2018 (08)

Practical : New model start and completed in water colour

Theory : Revision

Unit 13 & Rev. 07.01.2019 to 01.02.2019 (21)

Practical : Figure Sketching

Theory : Revision

ASSESSMENT SCHEDULE :

Periodic Asst.-1 16.07.2018 to 20.08.2018

Topic : Art of Indus Valley

Half Yearly Exams 17.09.2018 to 28.09.2018

Topic : Ch. 1 to 7

Periodic Asst.-2 15.10.2018 to 03.12.2018

Topic : Buddhist, Jain and Hindu Art

Periodic Asst.-3 10.12.2018 to 21.01.2019

Topic : Indo-Islamic Architecture

Annual Exams 04.02.2019 to 15.02.2019

Topic : Ch. 1 to 10

POLITICAL SCIENCE (028)

Prescribed Book :

Learning Objectives :

Book-I : Indian Constitution at work :

- Enable students to understand historical processes and circumstances in which the Constitution was made.
- Provide opportunity for students to be familiar with the vision that guided the makers of the Indian Constitution.
- Enable students to identify certain key issues of the Constitution and also

comparison with other Constitution of the World.

4. Analyse the ways in which the provisions of the constitution work in real political life.

Book-II : Political Theory :

- Develop the skill for logical reasoning.
- Inculcate attention to and respect for view points other than one's own.
- Introduce students to the different political thinkers in relation to a concept and in every day social life.
- Encourage the students to analyse any unexamined prejudices that one may have inherited.
- Enable students to meaningfully participate in political life.

Book-I

Unit 1 16.04.2018 to 27.04.2018 (10)

Topic : Ch-1 Making of the constitution
Ch-2 Rights in the Indian constitution introduction

Unit 2 01.05.2018 to 18.05.2018 (14)

Topic : Ch-2 to be completed
Ch-3 Election and Representation

Unit 3 29.06.2018 to 13.07.2018 (13)

Topic : Ch-4 Legislature
Ch-5 Executive (President)

Unit 4 16.07.2018 to 27.07.2018 (11)

Topic : Ch-5 To be continued
Ch-6 Judiciary

Unit 5 30.07.2018 to 10.08.2018 (10)

Topic : Ch-7 Federalism
Ch-8 Local govt. (Introduction)

Unit 6 13.08.2018 to 24.08.2018 (09)

Topic : Ch-8 to be completed
Ch-9 Constitution as a living document

Unit 7 27.08.2018 to 15.09.2018 (15)

Topic : Ch-10 Philosophy of the India constitution
Revision

Book II :

Unit 8 01.10.2018 to 12.10.2018 (10)

Topic : Ch-1 Political theory
Ch-2 Equality

Unit 9 15.10.2018 to 03.11.2018 (12)

Topic : Ch-3 Freedom
Ch-4 Social Justice Introduction

Unit 10 05.11.2018 to 30.11.2018 (12)

Topic : Ch-4 to be completed
Ch-5 Rights

Unit 11 01.12.2018 to 15.12.2018 (12)

Topic : Ch-6 Nationalism
Ch-7 Secularism (to be continued)

Unit 12 17.12.2018 to 28.12.2018 (08)

Topic : Ch-7 to be completed
Ch-8 Citizenship

Unit 13 & Rev. 29.01.2018 to 08.02.2018 (09)

Topic : Ch-9 Peace
Ch-10 Development
Revision

EXAMINATION SCHEDULE :

Periodic Asst.-1 16.07.2018 to 20.08.2018

Topic : Ch-1, 2, 3

Half Yearly Exams 17.09.2018 to 28.09.2018

Periodic Asst.-2 15.10.2018 to 03.12.2018

Topic : Ch-2, 3

Periodic Asst.-3 10.12.2018 to 21.01.2019

Topic : Ch-7, 8, 9

Annual Exams 04.02.2019 to 15.02.2019

BUSINESS STUDIES

Prescribed Book : NCERT

Reference Books :

Business Studies by R.K. SINGLA

Rationale :

- Business Studies is introduced at +2 stage of Senior Secondary Education as formal Commerce education is provided after ten years of Schooling.
- Business is a dynamic process that brings together, technology, natural resources and human initiative in a constantly changing global environment. To understand the framework in which a business operates, a detailed study of the organization and management of business processes and its interaction with the environment is required.
- Globalisation has changed the way organizations transact their business Information Technology is becoming a part of business operations in more and more organisations.
- Computerised systems are fast replacing other systems. E-business and other related concepts are picking up fast which need to be emphasized in the curriculum.

The course in Business Studies will prepare students to analyse, manage, evaluate and respond to changes which affect business. It provides a way of looking at and interacting with the business environment. It recognize the fact that business influences and is influenced by social, political, legal and economic forces. It allows students to appreciate that business is an integral component of society and develops an understanding of many social and ethical issues. Therefore, to acquire, basic knowledge of the business world, a course in Business Studies would be useful. It also informs students of a range

of study and work options and bridges the gap between school and work.

Objectives :

- ❖ To develop students with an understanding of the processes of business and its environment.
- ❖ To acquaint students with the dynamic nature and inter-dependent aspects of business.
- ❖ To develop an interest in the theory and practice of business, trade and industry.
- ❖ To acquaint students with practice of managing the operations and resources of business.
- ❖ To enable students to act more effectively and responsibly as consumers, employers, employees and citizens.

Unit 1 16.04.2018 to 27.04.2018 (10)

Topic : Nature and Purpose of Business

Unit 2 01.05.2018 to 18.05.2018 (14)

Topic : Nature and Purpose of Business
Forms of Business Organisation

Unit 3 29.06.2018 to 13.07.2018 (13)

Topic : Forms of Business Organisation
(Contd.)

Unit 4 16.07.2018 to 27.07.2018 (11)

Topic : Private, Public and Global
Enterprises

Unit 5 30.07.2018 to 10.08.2018 (10)

Topic : Business Services

Unit 6 13.08.2018 to 24.08.2018 (09)

Topic : Business Services

Unit 7 27.08.2018 to 15.09.2018 (15)

Topic : Emerging Modes of business
Revision

Unit 8 01.10.2018 to 12.10.2018 (10)

Topic : Social Responsibility of Business

Unit 9 15.10.2018 to 03.11.2018 (12)

Topic : Social Responsibility of Business

Unit 10 05.11.2018 to 30.11.2018 (12)

Topic : Small Business
Sources of Business Finance

Unit 11 01.12.2018 to 15.12.2018 (12)

Topic : Sources of Business Finance

Unit 12 17.12.2018 to 28.12.2018 (08)

Topic : Internal Trade

Unit 13 & Rev. 07.01.2019 to 01.02.2019 (21)

Topic : International Business & Revision

EXAMINATION SCHEDULE :

Periodic Asst.-1 16.07.2018 to 20.08.2018

Topic : Nature and Purpose of Business,
Form of Business Organisation

Half Yearly Exams 17.09.2018 to 28.09.2018

Topic : Forms of Business Organisation,
Public, Private and Global
Enterprises

Periodic Asst.-2 15.10.2018 to 03.12.2018

Topic : Small Business,
Sources of Business Finance

Periodic Asst.-3 10.12.2018 to 21.01.2019

Topic : Sources of business finance
International Trade

Annual Exams 04.02.2019 to 15.02.2019

ACCOUNTANCY (CODE NO. 055)

Book Recommended : D.K Goel

General Objectives :

- v Students will gain knowledge skills and experience of maintaining accounts.
- v To enable the students to understand and analyses the financial statement.

Unit 1 16.04.2018 to 27.04.2018 (10)

Topic : Introduction of accounting

Basic accounting terms

Unit 2 01.05.2018 to 18.05.2018 (14)

Topic : Theory Base of accounting,
Accounting standard,
Basic of accounting

Unit 3 29.06.2018 to 13.07.2018 (13)

Topic : Accounting Equation
Accounting procedure Rules of
Debit and Credit

Unit 4 16.07.2018 to 27.07.2018 (11)

Topic : Journal and Ledger

Unit 5 30.07.2018 to 10.08.2018 (10)

Topic : Special purpose book Cash
book, other book

Unit 6 13.08.2018 to 24.08.2018 (09)

Topic : Bank Reconciliation Statement,
Trial Balance

Unit 7 27.08.2018 to 15.09.2018 (15)

Topic : Depreciation,
Provision & Reserves

Unit 8 01.10.2018 to 12.10.2018 (10)

Topic : Accounting of Bill of Exchange

Unit 9 15.10.2018 to 03.11.2018 (12)

Topic : Rectification of errors

Unit 10 05.11.2018 to 30.11.2018 (12)

Topic : Financial statement of Sole
proprietorship,
Adjustment in Financial statement

Unit 11 01.12.2018 to 15.12.2018 (12)

Topic : Accounts in incomplete records

Unit 12 17.12.2018 to 28.12.2018 (08)

Topic : Not for Profit Organization

Unit 13 & Rev. 07.01.2019 to 01.02.2019 (21)

Topic : Revision

ASSESSMENT SCHEDULE :

Periodic Asst.-1 16.07.2018 to 20.08.2018

Topic : Introduction to Accounting

Basic accounting terms
Theory Base of accounting
Accounting standard
Basic of accounting
Accounting equation

Half Yearly Exams 17.09.2018 to 28.09.2018

Topic : 1 - 11

Periodic Asst.-2 15.10.2018 to 03.12.2018

Topic : Accounting Bill of Exchange,
Rectification of errors.

Periodic Asst.-3 10.12.2018 to 21.01.2019

Topic : Financial Statement of sole
proprietorship
Adjustment in financial statement
Accounts in incomplete record

Annual Exams 04.02.2019 to 15.02.2019

Topic : Full course

ECONOMICS (CODE NO. 030)

Prescribed Books :

1. NCERT
2. BOOK OF T.R JAIN & V.K OHARI

Rationale :

Economics is one of the social sciences, which has great influence on every human being. As economic life and the economy go through changes, the need to ground education in children's own experience becomes essential. While doing so, it is imperative to provide them opportunities to acquire analytical skills to observe and understanding the economic realities. At senior secondary stage, the learners are in a position to understand abstract ideas, exercise the power of thinking and to develop their own perception. It is at this stage, the learners are

exposed to the rigour of the discipline of economics in a systematic way.

The economics courses are introduced in such a way that in the initial stage, the learners are introduced to the economics realities that the nation is facing today along with some basic statistical tools to understand these broader economic realities. In the later stage, the learners are introduced to economics as a theory of abstraction. The economics courses also contain many projects and activities. These will provide opportunities for the learners to explore various economic issues both from their day-to-day life and also from issues, which are broader and invisible in nature. The academic skills that they learn in these courses would help to develop the projects and activities. The syllabus is also excepted to provide opportunities to use information and communication technologies to facilitate their learning process.

OBJECTIVES :

- ❖ Understanding of some basic economics concepts and development of economic reasoning which the learners can apply in their day-to-day life as citizens , workers and consumers.
- ❖ Realisation of 'learners' role in nation building and sensitivity to the economic issues that the nation is facing today.
- ❖ Equipment with basic tools of economics and statistics to analyse economic issues. This is pertinent for even those who may not pursue this course beyond senior secondary stage.
- ❖ Development of understanding that there can be more than one views on any economic issue and necessary skills to argue logically with reasoning.

Unit 1	16.04.2018 to 27.04.2018	(10)
Topic	: Introduction	
Unit 2	01.05.2018 to 18.05.2018	(14)
Topic	: Introduction	
Unit 3	29.06.2018 to 13.07.2018	(13)
Topic	: Introduction Revision	
Unit 4	16.07.2018 to 27.07.2018	(11)
Topic	: Unit-5 Development Policies and experience (1947-1990)	
Unit 5	30.07.2018 to 10.08.2018	(10)
Topic	: Unit-5 Continues	
Unit 6	13.08.2018 to 24.08.2018	(09)
Topic	: Economic Reforms	
Unit 7	27.08.2018 to 15.09.2018	(15)
Topic	: Unit-6 Economic Reforms	
Unit 8	01.10.2018 to 12.10.2018	(10)
Topic	: Unit-7 Current Challenges Facing Indian Economy	
Unit 9	15.10.2018 to 03.11.2018	(12)
Topic	: Unit-8 Comparison with india, China & Pakistan.	
Unit 10	05.11.2018 to 30.11.2018	(12)
Topic	: Revision of Statistics	
Unit 11	01.12.2018 to 15.12.2018	(12)
Topic	: Revision of Indian Economics	
Unit 12	17.12.2018 to 28.12.2018	(08)
Topic	: Revision of unit-1 & 2	
Unit 13 & Rev.	07.01.2019 to 01.02.2019	(21)
Topic	: Overall Revision	
EXAMINATION SCHEDULE :		
Periodic Asst.-1	16.07.2018 to 20.08.2018	
Topic	: Unit-1 & 2	
Half Yearly Exams	17.09.2018 to 28.09.2018	
Topic	: Unit-1, 2 & 3 from Stats & Unit 5 from Indian Economics	

Periodic Asst.-2 15.10.2018 to 03.12.2018

Topic: Unit 6 & Correlation

Periodic Asst.-3 10.12.2018 to 21.01.2019

Topic : Unit 7 & 8

Annual Exams 04.02.2019 to 15.02.2019

Topic : Complete Syllabus

GEOGRAPHY (029)

Prescribed Books :

1. **Fundamentals of Physical Geography**
2. **India : Physical Environment & 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 because it is a valuable medium for the education 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.

General Objectives :

The course in geography will help learners :

- ❖ Familiarise themselves with the terms, key concepts and basic principles of geography.
- ❖ Search for, recognize and understand the processes and patterns of the spatial arrangement of the natural as well as human features and phenomena on the earth's surface.
- ❖ Understand and analyse the inter-relationship between physical and human environments and their impact.
- ❖ Apply geographical knowledge and methods of inquiry to new situations or problems at different levels-local regional, national and global.
- ❖ Develop geographical skills, relating to collection, processing and analysis of data/information and preparation of report including maps and graphs and use computers wherever possible, and
- ❖ Utilize geographical knowledge in understanding issues concerning the community such as environmental issues, socio-economic concerns, gender and become responsible and effective members of the community.

Unit 1	16.04.2018 to 27.04.2018 (10)
Topic	1. Geography as a Discipline; 2. The Origin and Evolution of the Earth;
Practical	1. Introduction to maps
Unit 2	01.05.2018 to 18.05.2018 (14)
Topic	3. Interior of the Earth 4. Distribution of Oceans and Continents;
Practical	2. Map Scale
Unit 3	29.06.2018 to 13.07.2018 (13)
Topic	5. Minerals and Rocks;
Practical	2. Map scale
Unit 4	16.07.2018 to 27.07.2018 (11)
Topic	6. Geomorphic Processes
Practical	3. Latitude, Longitude and time.
Topic	9. Climate controlling factors
Unit 5	30.07.2018 to 10.08.2018 (10)
Topic	8. Composition and structure of Atmosphere. 10. Atmospheric and weather system.
Practical	Ch.3 Lat- long
Unit 6	13.08.2018 to 24.08.2018 (09)
Topic	11. Water in the Atmosphere 12. World Climate and Climate Change.
Practical	4. Map projection
Unit 7	27.08.2018 to 15.09.2018 (15)
Topic	13. Water (Oceans); 14. Movement of ocean water
Practical	4. Map projection;
	16. Biodiversity and conservation; Revision for the half yearly exams
Unit 8	01.10.2018 to 12.10.2018 (10)
Topic	1. India- Location 2. Structure and physiography

Practical	5. Topographical Maps	
Unit 9	15.10.2018 to 03.11.2018	(12)
Topic	Ch 2. to be continued.	
	3. Drainage System	
Practical	5. Topographical Maps	
Unit 10	05.11.2018 to 30.11.2018	(12)
Topic	4. Climate	
Unit 11	01.12.2018 to 15.12.2018	(12)
Topic	5. Natural Vegetation	
Unit 12	17.12.2018 to 28.12.2018	(08)
Topic	Ch 5. To be Contd.	
	8. Weather Instruments, maps and Charts.	
	Ch 5. To be continued	
Unit 13 & Rev.	07.01.2019 to 01.02.2019	(21)
Topic	Revision for Annual Examination	
EXAMINATION SCHEDULE :		
Periodic Asst.-1 16.07.2018 to 20.08.2018		
Topic	: 1 Geography as a discipline and	
	2. The origin and Evolution of the Earth.	
	3. Interior of the Earth	
	4. Distribution of Oceans and Continents.	
Half Yearly Exams 17.09.2018 to 28.09.2018		
Periodic Asst.-2 15.10.2018 to 03.12.2018		
Topic	: 1. India-Location and	
	2. Structure and physiography	
Periodic Asst.-3 10.12.2018 to 21.01.2019		
Topic	: 4. Climate and	
	5. Natural Vegetation	
Annual Exams 04.02.2019 to 15.02.2019		
TOPIC	: Entire Syllabus	

HOME SCIENCE

Prescribed Book : Textbook of Home Science

Publication : Saraswati House

Reference Book :

1. Home Science (Arya Publishers)

2. Together with Home Science

General Objectives :

- ❖ Home Science as a discipline aims to empower the learner developing under standing of four different areas :
- ❖ Food and Nutrition
- ❖ Human Development
- ❖ Community Resource Management
- ❖ Fabric and Apparel Science
- ❖ To understand changing needs of society.
- ❖ To develop professional skills (e.g. culinary skills).
- ❖ To make them competent to meet challenges of life.

Specific Objectives :

- ❖ Acquaint learners with the basics of human development with specific reference to child.
- ❖ To helps develop skill of judicious management of various resources.
- ❖ To enable learners to became alert and aware consumers.
- ❖ To inculcate healthy food habits.
- ❖ To impart knowledge of nutrition and lifestyles to enable prevention and management of diseases.

Unit 1 16.04.2018 to 27.04.2018 (10)

Topic : L-1 Meaning & Scope of Home Science.
L-2 Introduction to various stages of development.

Unit 2 01.05.2018 to 18.05.2018 (14)

Topic : L-3 Infancy (Birth to 2 years)
L-4 Early childhood (3-6 years)

Unit 3 29.06.2018 to 13.07.2018 (13)

Topic : L-5 Late Childhood
L-6 Behaviour Problems

Unit 4 16.07.2018 to 27.07.2018 (11)

Topic : L-7 Prevention from infectious Diseases
L-8 Substitute care at home

Unit 5 30.07.2018 to 10.08.2018 (10)

Topic : L-9 Special Needs of Disadvantaged children.
L-10 First Aid

Unit 6 13.08.2018 to 24.08.2018 (09)

Topic : L-11 Food & Nutrition
L-12 Functions of Food

Unit 7 27.08.2018 to 15.09.2018 (15)

Topic : L-13 Selection of Food
L-14 Vitamins

Unit 8 01.10.2018 to 12.10.2018 (10)

Topic : L-15 Minerals
L-16 Selection & storage of food Products

Unit 9 15.10.2018 to 03.11.2018 (12)

Topic : L-17 Food Preservation
L-18 Cooking of Food

Unit 10 05.11.2018 to 30.11.2018 (12)

Topic : L-19 Elements of Art & Principles of Design.
L-20 Use of Colours in space mgt.

Unit 11 01.12.2018 to 15.12.2018 (12)

Topic : L-21 Fibre Science
L-22 Fabric Construction

Unit 12 17.12.2018 to 28.12.2018 (08)

Topic : L-23 Finishing of Fabrics
L-24 Income Generating Scheme

Unit 13 & Rev. 07.01.2019 to 01.02.2019 (21)

Topic : L-25 Respect for Girl child
L-26 Communication concept & methods

EXAMINATION SCHEDULE :**Periodic Asst.-1 16.07.2018 to 20.08.2018**

Topic : L-2, 3, 4, 5

Half Yearly Exams 17.09.2018 to 28.09.2018

Topic : L- 1 to 14

Periodic Asst.-2 15.10.2018 to 03.12.2018

Topic : L- 15 & 16

Periodic Asst.-3 10.12.2018 to 21.01.2019

Topic : L-20 & 21

Annual Exams 04.02.2019 to 15.02.2019

Topic : Entire Syllabus

PSYCHOLOGY**Prescribed Book :****Psychology Textbook (NCERT)****Objectives :**

- ❖ To help develop an understanding and appreciating Psychology as a discipline, its applications and relationships with other sciences through appropriate and interesting examples and analysis of everyday experiences.
- ❖ To familiarize students with the methods of studying and understanding behaviour.
- ❖ Explain the role of biological and socio-cultural factors in the shaping of human behaviour and experience.
- ❖ Help appreciate the variations in development and the developmental tasks across the life span.
- ❖ To help in understanding how various sensory stimuli are received, attended to and given meaning.
- ❖ Foster an understanding as to how human beings acquire new behaviour and how changes in behaviour take place.

- ❖ To educate students about how information is received, stored, retrieved and lost. Ways to improve memory shall also be discussed.
- ❖ Help appreciate the nature of thinking and its related processes like reasoning, problem solving, decision making, creative thinking and relationship between thought and language.
- ❖ Develop an understanding of why human beings behave as they do, how people experience positive and negative events and respond to them.

Unit 1 16.04.2018 to 27.04.2018 (10)Topic : Unit 1 : What is Psychology ?
Unit 2 : Methods of inquiry in Psychology.**Unit 2 01.05.2018 to 18.05.2018 (14)**

Topic : Unit 2 : Methods of inquiry in Psychology (Contd.)

Unit 3 29.06.2018 to 13.07.2018 (13)

Topic : Unit 3 : The Bases of Human Behaviour

Unit 4 16.07.2018 to 27.07.2018 (11)Topic : Unit 3 : The Bases of Human Behaviour (Contd.)
Unit 4 : Human Development**Unit 5 30.07.2018 to 10.08.2018 (10)**

Topic : Unit 4 : Human Development (Contd.)

Unit 6 13.08.2018 to 24.08.2018 (09)

Topic : Unit 5 : Sensation & Perception Experiment-1

Unit 7 27.08.2018 to 15.09.2018 (15)

Topic : Unit 5 : Attention (Contd.) & Revision, Sample Paper

Unit 8 01.10.2018 to 12.10.2018 (10)

Topic : Unit 6 : Learning

Unit 9 15.10.2018 to 03.11.2018 (12)

Topic : Unit 7 : Memory & Experiment-2

Unit 10 05.11.2018 to 30.11.2018 (12)

Topic : Unit 8 : Thinking

Unit 11 01.12.2018 to 15.12.2018 (12)

Topic : Unit 8 : Thinking (contd.)

Unit 9 : Motivation and Emotion

Unit 12 17.12.2018 to 28.12.2018 (08)

Topic : Unit 9 : Motivation and Emotion

Unit 13 & Rev. 07.01.2019 to 01.02.2019 (21)

Topic : Revision & Sample paper

EXAMINATION SCHEDULE :**Periodic Asst.-1 16.07.2018 to 20.08.2018**

Topic : What is Psychology ?

Methods of inquiry in Psychology

Half Yearly Exams 17.09.2018 to 28.09.2018

Topic : Chapters 1-5

Periodic Asst.-2 15.10.2018 to 03.12.2018

Topic : Learning, Memory

Periodic Asst.-3 10.12.2018 to 21.01.2019

Topic : Motivation & Emotion, Thinking

Annual Exams 04.02.2019 to 15.02.2019**MASS MEDIA STUDIES****Prescribed Book :****Mass Media Studies (NCERT)****Objectives :**

- ❖ Introduction to the comprehensive understanding of the five principles mass media viz. film, TV, Print, Radio and Internet.
- ❖ Introduction to the Evolution of Mass Media to understand how the content of mass media shapes our thoughts, vision, ethic and action.
- ❖ Analyse of the ways in which content is created in media.

- ❖ To understand creative and technical process involved in film making, television, Production, Newsprint, radio and the internet.
- ❖ Introduction to the organization of media and entertainment industries-the financial and commercial part.
- ❖ To delineate the roles and responsibilities of creative technical and administrative people in media.
- ❖ To familiarize with the career options in media and entertainment industry.
- ❖ To analyze the vital importance of mass media in the functioning of a secular, liberal, democracies like India.
- ❖ To understand the Convergence of mass media as the futuristic trend opening up more and more exciting career and creative opportunities.

Unit 1	16.04.2018 to 27.04.2018	(10)
Content	: Introduction of Mass Communication Unit 1 Ch 1	
Unit 2	01.05.2018 to 18.05.2018	(14)
Content	: Ch-2, 3	
Unit 3	29.06.2018 to 13.07.2018	(13)
Content	: Ch-4, 5	
Unit 4	16.07.2018 to 27.07.2018	(11)
Content	: Unit-II Ch-1	
Unit 5	30.07.2018 to 10.08.2018	(10)
Content	: Ch-2	
Unit 6	13.08.2018 to 24.08.2018	(09)
Content	: Ch-3, 4	
Unit 7	27.08.2018 to 15.09.2018	(15)
Content	: Ch-5	
Unit 8	01.10.2018 to 12.10.2018	(10)
Content	: Unit-III Ch-1	

Unit 9	15.10.2018 to 03.11.2018	(12)
Content	: Ch-2,3	
Unit 10	05.11.2018 to 30.11.2018	(12)
Content	: Ch-1,2	
Unit 11	01.12.2018 to 15.12.2018	(12)
Content	: Ch-3, 4	
Unit 12	17.12.2018 to 28.12.2018	(08)
Content	: Unit-V Ch-1, 2	
Unit 13 & Rev.	07.01.2019 to 01.02.2019	(21)
Content	: Ch-3, 4, 5 + Revision	
ASSESSMENT SCHEDULE :		
Periodic Asst.-1	16.07.2018 to 20.08.2018	
Syllabus	: Unit-I	
Half Yearly Exams	17.09.2018 to 28.09.2018	
Syllabus	: Unit I & II	
Periodic Asst.-2	15.10.2018 to 03.12.2018	
Syllabus	: Unit-III	
Periodic Asst.-3	10.12.2018 to 21.01.2019	
Syllabus	: Unit-IV	
Annual Exams	04.02.2019 to 15.02.2019	
Syllabus	: Unit-I to V	

HINDUSTANI MUSIC (VOCAL)

Prescribed Books :

1. **Raga Parichaya (Part-I)**
Writer : Prof. Harishchander Srivastava
Pub : Sangeet Sadan Prakashan,
Allahabad
2. **Madhur Swarlipi Sangraha (Part-I)**
Writer : Prof. Harishchander Srivastava
Pub : Sangeet Sadan Prakashan,
Allahabad
3. **Sangeet Visharad**

General Objectives :

- ❖ To impart the knowledge of swar & Tala etc.

- ❖ To make them to sing in Swar.
- ❖ To create interest in music

Specific Objectives

- ❖ To motivate students to take keen interest in learning and practicing of music as it can give them a platform in future.
- ❖ To train them to apply the knowledge of music for presentation in stage performance and competition.

- ❖ To create a habit in them for self learning.

- ❖ To enable to enjoy the soul of music.

Unit 1 **16.04.2018 to 27.04.2018** **(10)**

Topic : Raga Bihag & Definitions-
Sangeet, Dhvani, Nada Shruti,
Swara

Unit 2 **01.05.2018 to 18.05.2018** **(14)**

Topic : Raag Bandish & Thekas of-
Teentala & Ektala

Unit 3 **29.06.2018 to 13.07.2018** **(13)**

Topic : Short life sketch of Tansen &
Pt. V.N. Bhatkhande

Unit 4 **16.07.2018 to 27.07.2018** **(11)**

Topic : Brief history of Khayal & Dhrupad

Unit 5 **30.07.2018 to 10.08.2018** **(10)**

Topic : Raga Vrindavani Sarang

Unit 6 **13.08.2018 to 24.08.2018** **(09)**

Topic : Swarmalika & one drut khayal

Unit 7 **27.08.2018 to 15.09.2018** **(15)**

Topic : Definitions : Saptak, That, Jati,
Raga, & Raga Bhairavi

Unit 8 **01.10.2018 to 12.10.2018** **(10)**

Topic : Swarmalika & One Drut Khyal

Unit 9 **15.10.2018 to 03.11.2018** **(12)**

Topic : Thekas of Taal Dadra, Kehrwa &
Chautal

Unit 10 **05.11.2018 to 30.11.2018** **(12)**

Topic : Short life of Pt. Vishnu Digambar
Paluskar & Natya Shastra

Unit 11 01.12.2018 to 15.12.2018 (12)
Topic : Definition of Swarmalika, Tarana, Nibaddha and Anibaddha gana & Brief history of Gharana

Unit 12 17.12.2018 to 28.12.2018 (08)
Topic : Raga - Jaunpuri, Bandish & Alap - Taan

Unit 13 & Rev. 07.01.2019 to 01.02.2019 (21)
Topic : Swarmalika & One drut khyal, Alap- Taan

EXAMINATION SCHEDULE :

Periodic Asst.-1 16.07.2018 to 20.08.2018

Unit 1, 2 & 3

Half Yearly Exams 17.09.2018 to 28.09.2018

Unit 1 to 7

Periodic Asst.-2 15.10.2018 to 03.12.2018

Unit 4, 5, 6 & 7

Periodic Asst.-3 10.12.2018 to 21.01.2019

Unit 9, 10, 11 & 12

Annual Exams 04.02.2019 to 15.02.2019

PHYSICAL EDUCATION

Precscribed Book :

Health & Physical Education

General Objectives :

Physical Education literally means to educate one self through the use and control of the physically movements of the different parts of body. It seeks to develop and enhance the physical, mental and spiritual aspects of man.

Physical Education has five main goals it wishes to achieve these are :

1. Developing a better physique.
2. Control of body movement.
3. Better mental health.
4. Improvement of society as a whole.

5. Emotional development.

Specific Objectives :

- ❖ To develop awareness about Physical Education.
- ❖ To identify the role of warming up and limbering down
- ❖ To know historical evolution, rules and Terminologies of various sports / games.
- ❖ To understand the concept of fatigue.
- ❖ To understand the concept of Physical Education.
- ❖ To knowledge of health.
- ❖ To create discipline.
- ❖ To leadership qualities.
- ❖ To know about the importance of stretching and flexibility.

Unit 1 16.04.2018 to 27.04.2018 (10)

Topic : Changing Trends and Career in Physical Education

Unit 2 01.05.2018 to 18.05.2018 (14)

Topic : Olympic Movement

Unit 3 29.06.2018 to 13.07.2018 (13)

Topic : Physical fitness wellness & Life style.

Unit 4 16.07.2018 to 27.07.2018 (11)

Topic : Physical Education & Sports for differently abled.

Unit 5 30.07.2018 to 10.08.2018 (10)

Topic : Yoga, Physical Activity & Leadership Training.

Unit 6 13.08.2018 to 24.08.2018 (09)

Topic : Test Measurement & Evaluation

Unit 7 27.08.2018 to 15.09.2018 (15)

Topic : Fundamentals of Anatomy & Physiology

Unit 8 01.10.2018 to 12.10.2018 (10)

Topic : Kinesiology, Biomechanics & Sports

Unit 9 15.10.2018 to 03.11.2018 (12)

Topic : Psychology & Sports

Unit 10 05.11.2018 to 30.11.2018 (12)

Topic : Training in Sports

Unit 11 01.12.2018 to 15.12.2018 (12)

Topic : Doping

Unit 12 17.12.2018 to 28.12.2018 (08)

Topic : Revision

Unit 13 & Rev. 07.01.2019 to 01.02.2019 (21)

Topic : Revision

EXAMINATION SCHEDULE :

Periodic Asst.-1 16.07.2018 to 20.08.2018

Syllabus : Ch. 1, 2, 3

Half Yearly Exams 17.09.2018 to 28.09.2018

Syllabus : Ch. 1, 2, 3, 4, 5, 6

Periodic Asst.-2 15.10.2018 to 03.12.2018

Syllabus : Ch. 7, 8, 9

Periodic Asst.-3 10.12.2018 to 21.01.2019

Syllabus : Ch. 10, 11, 12

Annual Exams 04.02.2019 to 15.02.2019

Syllabus : Complete Syllabus