

FIRST TERM SYLLABUS CLASS XII A EXAM 2020-21

Mathematics

S.No. Chapter Name

- 1 Inverse Trigonometric Functions
- 2 Matrices
- 3 Determinants
- 4 Continuity and Differentiability
- 5 Application of derivatives
- 6 Integrals
- 7 Applications of Integrals

Total : 40 marks (40 x 2 = 80 marks)

Maths Practical (20 marks) : 1. Rolle's Theorem
2. Mean Value Theorem

Total Marks : (80 + 20 = 100)

SYLLABUS OF BIOLOGY FOR HALF YEARLY EXAMINATION CLASS 12

CHAPTER NUMBER	CHAPTER NAME	WEIGHTAGE
CH 2	Sexual reproduction in flowering plants	4 MARKS
CH 3	Human reproduction	4 MARKS
CH 4	Reproductive health	4 MARKS
CH 5	Principles of inheritance and variation	7 MARKS
CH 6	Molecular basis of inheritance	7 MARKS
Ch 8	Human health and disease	7 MARKS

Ch 10	Microbes in human welfare	7 MARKS
	TOTAL MARKS	40 MARKS

ACTIVITY FOR CLASS 12

BIOLOGY

MAX MARKS ..20.

PRACTICAL BASED WORK SHEET .

Topics ..

. 1) DNA EXTRACTION..

2) WATER HOLDING CAPACITY OF TWO SOIL SAMPLES..

First term Chemistry syllabus for class 12 {2020-21}

1. Solutions

2. Electrochemistry

3. Chemical kinetics

4. Haloalkanes and Haloarenes

5. Alcohols, phenols and Ethers

6. Aldehydes, ketones and Carboxylic acids

- Question paper would be of 35 marks MCQ based.
- Practical exam would be of 15 marks which will include written practical file marks and viva based on salt analysis which is written in file.

PHYSICS SYLLABUS FOR HALF YEARLY EXAMINATION

1. Electric Charges and Fields

2. Electrostatic Potential and Capacitance

3. Current Electricity
4. Ray Optics and Optical Instruments
5. Wave Optics
6. Dual Nature of light and Radiations
7. Electromagnetic Waves

Theory - $35 \times 2 = 70$ marks.

Practical - $15 \times 2 = 30$ marks.

Practical assessment would be done on

- * activity file
- * practical file
- * viva
- * responses during online classes and
- * attendance regularity

SYLLABUS OF ENGLISH CORE-XII FOR I TERM EXAM-2020-21

FLAMINGO: Prose

1. The Last Lesson
2. Lost Spring
3. Deep Water

FLAMINGO: Poetry

1. My Mother at Sixty- Six
2. An Elementary School Classroom
3. Keeping Quiet

VISTAS: Supplementary

1. The Third Level
2. The Enemy
3. Should Wizard Hit Mommy

Theory exam: 40 Marks ($40 \times 2 = 80$ Marks)

Assessment of Speaking & Listening (ASL): 20 Marks

Grand Total: $80 + 20 = 100$ Marks

NOTE: ASL will be conducted from the next week onwards i.e. on 14th, 16th, 18th, 21st, 23rd, & 25th September 2020 during the online class timing (10 am to 10:45 am). Wherein Students will be divided into 6 batches and each batch will

comprise of 10-12 students. We'll issue the guidelines & details about it. So, keep in touch with your class group to be updated

SYLLABUS OF COMPUTER SCIENCE FOR CLASS 12 :-

- Ls. 1 Python revision tour - I
- Ls. 2 Python revision tour - II
- Ls. 3 Functions
- Ls. 5 File handling
- Ls. 9 Data structures - I Linear lists
- Ls. 10 Data structures - II Stacks only
- Ls. 13 MySQL SQL Revision tour
- Ls. 14 More on SQL

1. Theory - 70 marks paper (50 marks = Full objective questions consisting of MCQs, Fill ups, very short ans, True/False + 20 marks = Subjective questions consisting of Program coding, Error finding and rewriting code, any other question of this nature)

Practical - 30 marks

- Report File (Python + SQL assignment file) - 7 marks
- Project (The initial part) - 8 marks
- Viva voce - 3 marks
- Python program - 7 marks (to be submitted online along with recorded video of execution)
- Python program with SQL connectivity - 5 marks (to be submitted online along with recorded video of execution)

TOTAL = 70+30 = 100 marks

2. Time Duration - 1 and a half hour to 2 hrs (depending upon the difficulty level of the question paper) for Theory paper and 1 hr for coding two programs in python (practical)

Viva shall be taken by through short online meetings on Microsoft Teams.

syllabus of physical education class 12

Unit. 1 planing in sports

Unit. 2 sports and Nutrition

Unit. 3 yoga

Unit. 4 children with special needs

Unit 5.children & women in sports

Unit. 6 test and measurements

Unit .7 physiology &injuries and sports

Theory exam :- 35 MARKS

35×2=70 MARKS

PRACTICAL :-

Total practical - 30 marks

1)Viva - 5marks

2)Motor fitness test- 6 marks

3)yoga -7 marks

4) practical file -5 marks

5) skills- 7 marks

Final total :- 70+30= 100 marks

Syllabus of Hindi Class XII

अर्द्ध वार्षिक परीक्षा पाठ्यक्रम2020-21(कक्षा12)हिन्दी

भक्तिन,बाज़ार दर्शन, काले मेघा पानी दे,पहलवान की ढोलक।

उषा,सहर्ष स्वीकारा है,कविता के बहाने।

अतीत में दबे पाँव।

सिल्वर वेडिंग।

अभिव्यक्ति और माध्यम के प्रश्नोत्तर।

(जो लिखवाये गए हैं।)

10 अंक (भाषण)

10 अंक मौखिक परीक्षा(निर्धारित पाठों पर आधारित)