

**COMPILED SYLLABUS
HALF YEARLY EXAMINATION 2020 - 21
CLASS - XI (SCIENCE)**

1. ENGLISH:

HORNBILL: Prose

1. The Portrait of a Lady
2. We're not Afraid to die.....
3. Discovering Tut

HORNBILL: Poetry

1. A Photograph
2. The Laburnum Top

SNAPSHOTS: Supplementary

1. The Summer of the Beautiful White Horse
2. The Address
3. Ranga's Marriage

Theory exam: 40 Marks (40×2=80 Marks)

Assessment of Speaking & Listening (**ASL**): 20 Marks

Grand Total: 80+20= 100 Marks

NOTE: ASL will be conducted after your I Term Exam i.e. after 5th October 2020. We'll issue the guidelines regarding it. So, keep in touch with your class group to be updated.

2. MATHEMATICS:

1. Complex Number & Quadratic Equations
2. Trigonometric Functions
3. Linear Inequalities
4. Introduction to 3D Geometry
5. Sequences & Series
6. Relations & Functions

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

Practical Exam: 20 marks

1. To plot the graph of $\sin x$, $\sin 2x$ on the same coordinate axes

2. To interpret geometrically the meaning of i and its integral powers

TOTAL MARKS: ($80 + 20 = 100$)

3. PHYSICS:

Chapter 2 - UNITS AND MEASUREMENTS

Chapter 3 - MOTION IN A STRAIGHT LINE

Chapter 4 - MOTION IN A PLANE

Chapter 9 - MECHANICAL PROPERTIES OF SOLIDS

Theory - $35 \text{ marks} \times 2 = 70 \text{ marks}$

Practical - $15 \times 2 = 30 \text{ marks}$ (Assessment would be based on class responses, completion of the assignments and attendance regularity)

TOTAL - 100 MARKS

4. CHEMISTRY:

1. Some basic concepts of chemistry

2. Structure of atoms

3. Classification of elements

4. Chemical bonding

5. General principles of organic Chemistry

NOTE:

1. Question paper would be of 35 marks which includes MCQ type questions.
2. Practical exam will be of 15 marks which will include worksheet on nomenclature and viva

5. BIOLOGY:

CHAPTER NUMBER	CHAPTER NAME	WEIGHTAGE
CH 1	THE LIVING WORLD	4 MARKS
CH 2	BIOLOGICAL CLASSIFICATION	8 MARKS
CH 3	PLANT KINGDOM	8 MARKS
CH 4	ANIMAL KINGDOM	10 MARKS
CH 7	STRUCTURAL ORGANISATION (TISSUES PART ONLY)	10 MARKS
TOTAL MARKS		40 MARKS

ACTIVITY (20 MARKS)

- 1) PREPARE A HERBARIUM OF TEN SAMPLES (ALREADY DONE BY OUR TEAM) 10 MARKS
- 2) PREPARE A WRITE UP ON "LICHENS "

Approximately two pages (TWO SIDES) of your copy PAGE

Note: Report valid points only 10 MARKS

6. COMPUTER SCIENCE:

- Ls. 1 Getting started with Python
- Ls. 2 Python fundamentals
- Ls. 3 Data handling
- Ls. 12 Computer system overview
- Ls. 15 Insight into program execution

Theory exam :- 40 MARKS (40×2=80 MARKS)

PRACTICAL :

Practical file :- 10 marks

Practical book :- 10 marks (update)

Total practical - 20 marks

Final total :- 80+20 = 100 marks

7. PHYSICAL EDUCATION:

Unit. 1 changing trends & career in physical education.

Unit. 2 Olympic value education

Unit. 3 physical fitness, wellness and lifestyle

Unit. 4 children with special needs

Unit 5.yoga

Unit. 6 physical activity & leadership training

Theory exam :- 35 MARKS (35×2=70 MARKS)

PRACTICAL :

Total practical - 30 marks

Final total:- 70+30= 100 marks

8. HINDI:

मियाँ नसीरुद्दीन, जामुन का पेड़ ,गलता लोहा।

मीरा के पद,वेआँखें, घर की याद।

लता मंगेशकर।

जनसंचार के माध्यम।

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