

SANAWAR AN INSTITUTE FOR CHILDREN
MALOUT ROAD BATHINDA
SYLLABUS FOR FINAL EXAMS (2018-19)
CLASS – XI (Medical /Non - Medical)

ENGLISH

Reading Section:

- a) Unseen passage
- b) Note making

Writing Section:

- a) Notice
- b) Advertisements
- c) Official letters
- d) Report
- e) Article
- f) Speech

Grammar Section:

- a) Close Gap filling
- b) Errors
- c) Omissions
- d) Active & Passive Voice
- e) Sentence Re-arrangement

Literature Section:

Hornbill (prose):

- 1. The Portrait of a lady
- 2. We are not afraid to die....
- 3. Discovering Tut...
- 4. The Ailing planet
- 5. Landscape of the soul
- 6. The Adventure
- 7. Silk Road
- 8. The Browning Version

Hornbill (poetry):

- 1. A Photograph
- 2. The Laburnum Top
- 3. The Voice of the rain
- 4. Childhood
- 5. Father to Son

Snapshots:

- 1. The summer of beautiful white horse
- 2. The address
- 3. Ranga's marriage
- 4. Albert Einstein at school
- 5. Mother's Day
- 6. The Ghat of the only world
- 7. Birth
- 8. The Tale of the Melon City

PHYSICAL EDUCATION

Unit 1: Changing Trends and career in physical education

Unit 2: Olympic movement

Unit 3: Physical fitness, wellness and lifestyles

Unit 4: Physical education and sports for differently Abled

Unit 5: Yoga

Unit 6: Physical Activity and Leadership Training

Unit 7: Test, Measurement and Evaluation

Unit 8: Fundamentals of Anatomy & Physiology (8.7, 8.6)

8.6: Structure of Heart and Introduction to Circulatory System

8.7: Oxygen Debt, Second Wind.

Unit 10: Psychology & Sports

Unit 11: Training in Sports

Unit 12: Doping

BIOLOGY

Unit-I: Diversity in the Living World

1. The Living World
2. Biological Classification
3. Plant Kingdom
4. Animal Kingdom

Unit –II: Structural Organisation in Plants & Animals

5. Morphology of flowering plants
6. Anatomy of flowering plants
7. Structural organization in Animals

Unit-III: Cell: Structure & Functions

8. Cell: The unit of life
9. Biomolecules
10. Cell cycle and cell division

Unit-IV: Plant Physiology

11. Transport in Plants
12. Mineral Nutrition
13. Photosynthesis in Higher Plants
14. Respiration in Plants
15. Plant Growth & Development

Unit–V: Human Physiology

16. Digestion and absorption
17. Breathing and exchange of gases
18. Body fluids & Circulation
19. Excretory products & their Elimination
20. Locomotion and Movement
21. Neural Control & Coordination
22. Chemical Coordination & Integration

PHYSICS

- Ch-1 Physical World
- Ch-2 Units and Measurements
- Ch-3 Motion in a Straight line
- Ch-4 Motion in a Plane
- Ch-5 Laws of Motion
- Ch-6 Work, Energy and Power
- Ch-7 System of Particles and Rotational Motion
- Ch-8 Gravitation
- Ch-9 Mechanical Properties of Solids
- Ch-10 Mechanical Properties of Fluids
- Ch-11 Thermal Properties of Matter
- Ch-12 Thermodynamics
- Ch-13 Kinetic Theory
- Ch-14 Oscillations and Waves
- Ch-15 Ray optics

CHEMISTRY

1. Some basic concepts of chemistry
2. Structure of atom
3. Classification of elements and periodicity in Properties
4. Chemical bonding and molecular structure
5. States of matter: Solid, Liquid and Gases
6. Chemical thermodynamics
7. Equilibrium
8. Redox Reactions
9. Hydrogen
10. S-block elements
11. P- block elements
12. Organic chemistry: Some basic principles and Techniques
13. Hydrocarbons
14. Environmental chemistry

MATHS

1. Sets
2. Relations and functions
3. Trigonometric functions
4. Principles of mathematical Inductions
5. Complex numbers and quadratic equations
6. Linear Inequality
7. Permutation and Combinations
8. Binomial Theorem
9. Sequence and Series
10. Straight line
11. Conic Section
12. Introduction to 3D Geometry
13. Limits and Derivatives
14. Mathematical Reasoning
15. Statistics
16. Probability

