



BOARD OF SECONDARY EDUCATION KARACHI

S.S.C (ANNUAL) EXAMINATIONS 2023

NEW MODEL QUESTION PAPER

PHYSIOLOGY AND HYGIENE

Time: 3 Hours

CLASS IX (GENERAL GROUP)

Total Marks: 75

Regular & Private Candidates

SECTION "A" (20%)

MULTIPLE CHOICE QUESTIONS (MCQs) (15 Marks)

Q.1. Fifteen (15) MCQs will be given from whole syllabus. Each carries 1 mark.

SECTION "B" (40%)

(SHORT ANSWERS QUESTIONS) (30 marks)

Note: Answer any 06 questions from this section. All questions carry equal marks.

2. Describe the chemical composition of protoplasm.
3. What is balanced diet? Explain briefly about fats or vitamins.
4. What is liver? Write down its four functions.
5. Write five functions of blood.
6. Describe the internal function of human heart.
7. Describe voluntary or striated muscles.
8. Write names of the parts of human tooth and describe any one.
9. What is virus? Write down four viral diseases.
10. Draw a labelled diagram of Kidney.
11. Write the kinds of muscular tissue and describe briefly any one of them.

SECTION- "C" 40%

(DESCRIPTIVE ANSWER QUESTIONS) (30 Marks)

Note: Attempt any THREE (03) questions from this section. All question carry equal marks.

12. Describe in detail the different modes of entrance of germs in body.
13. What is meant by respiration? Draw a labelled diagram of respiratory system.
14. Define digestive system. Describe in detail the structure of stomach.
15. Name the different layers of skin. What is role of skin in excretion of waste products?
16. Write note on any one of the following.

- | | |
|--------------------|------------------|
| a. Useful bacteria | b. Vitamins |
| c. Eating Habits | c. Carbohydrates |

PHYSIOLOGY & HYGIENE IX (Elective)

- | | |
|-------------------------------|-------------------------------------|
| 1. Our Food and Eating Habits | 2. Building Materials of Human Body |
| 3. Types of Micro Organisms | 4. Digestive System |
| 5. Circulatory System | 6. Respiratory System |
| 7. Excretory System | |

PHYSIOLOGY & HYGIENE (X)

- | | | |
|--|--|----------------------------|
| 8. Nervous System | 9. Hormones | 10. Support and Locomotion |
| 11. Physiology and Exercise | 12. Hygiene of Living in Rural and Urban Areas | |
| 13. Principles of Personal and Community Hygiene | 14. Diseases | |
| 15. Socio-Economic Factors In National Health | | |