

**SUBJECT: ZOOLOGY**

**CLASS: XI**

**TIME: 1½ HOURS**

**MAX MARKS: 35**

**GENERAL INSTRUCTIONS:**

This question paper contains four sections:

- i. Section –A contains 5 Very Very Short Answer Type Questions of 1 mark each.  $1 \times 5 = 5$  marks
- ii. Section- B contains 5 Very Short Answer Type Questions of 2 marks each to be answered in 20 to 30 words.  $2 \times 5 = 10$  marks
- iii. Section – C contains 5 Short Answer type questions of 3 marks each to be answered in 100 to 150 words.  $3 \times 5 = 15$  marks
- iv. Section - D contains 1 Long Answer type questions of 5 marks each to be answered in 150 to 200 words.  $5 \times 1 = 5$  marks

**Section A**

Q1 Tissue level of organization found in .....

- A. Protozoa
- C. Coelentrates

- B. Porifera
- D. Platyhelminthes

Q2. -----is the pace maker of heart:

- A. SA Node
- C. Purkinjee fibres

- B. AV Node
- D. AV valves

Q3. One of the following is commonly known as Suicidal bags:

- A. Golgi complex
- C. Mitochondria

- B. Lysosomes
- D. Ribosomes

Q4. Specificity of Enzymes is due to:

- A. Active site
- C. Prosthetic group

- B. Allosteric site
- D. None of these

Q5. Respiration in frog takes place through:

- A. Gills
- C. Buccopharynx

- B. Skin
- D. All of these





## Section B

- Q6. Differentiate between National park and wild life sanctuary.
- Q7. Mention the characteristics features of chordates.
- Q8. How saturated fatty acids are different from unsaturated fatty acids?.
- Q9. Distinguish between Prokaryotic cell and Eukaryotic cell.
- Q10. Give the key features of Zygotene stage of meiosis-I.

## Section C

- Q11. Give a brief account on biosphere reserve.
- Q12. Mention unique characteristics features of phylum Annelids
- Q13. Differentiate between Mitosis and Meiosis
- Q14. Write a short note on transportation of gases in human beings.
- Q15. What do you mean by joints in skeleton? Give some examples.

## Section D

Q16. Explain the process of nerve impulse transmission in human being.

Or

Define excretion. Explain various mode of excretion with suitable example.

