

Biology Test 1

Subjective Test

- (i) *All questions are compulsory.*
- (ii) *Questions 1 to 12 are very short answer type questions. These questions carry one mark each.*
- (iii) *Questions 13 to 20 are short answer type questions. These questions carry two marks each.*
- (iv) *Questions 21 to 24 are also short answer type questions. These questions carry three marks each.*
- (v) *Questions 25 to 26 are long answer type questions and carry five marks each.*

Question 1 (1.0 marks)

Name two types of plant tissues.

Question 2 (1.0 marks)

Which type of meristematic tissue helps regenerate the parts of a plant eaten by herbivores?

Question 3 (1.0 marks)

What is a hypertonic solution?

Question 4 (1.0 marks)

Name two cellular components present in plant cells, and **not** in animal cells.

Question 5 (1.0 marks)

What is plasmolysis?

Question 6 (1.0 marks)

What is the primary characteristic of the classification of living organisms?

Question 7 (1.0 marks)

Which phylum has organisms with a pseudocoelom?

Question 8 (1.0 marks)

Fill in the blanks.

- (i) *Ascaris* is a parasite found in the _____ of human beings.
- (ii) *Wuchereria* causes _____.

Question 9 (1.0 marks)

What do you understand by the term 'symptoms'?

Question 10 (1.0 marks)

Name any two diseases that commonly infect poultry.

Question 11 (1.0 marks)

Name a plant and an animal source of fat.

Question 12 (1.0 marks)

Mention any two features of phylum Echinodermata.

Question 13 (2.0 marks)

What do you think is the importance of biodiversity?

Question 14 (2.0 marks)

Mention two ways by which diseases can be treated.

Question 15 (2.0 marks)

What are air-borne diseases? Give examples.

Question 16 (2.0 marks)

State the functions of epithelial tissues.

Question 17 (2.0 marks)

Name 5 types of connective tissues.

Question 18 (2.0 marks)

What do you mean by composting? How is vermicomposting different from composting?

Question 19 (2.0 marks)

What are the main functions of ER?

Question 20 (2.0 marks)

Mention some diseases caused by fungi and viruses.

Question 21 (3.0 marks)

Explain the hierarchy of classification.

Question 22 (3.0 marks)

How are lysosomes produced? Write two functions of lysosomes.

Question 23 (3.0 marks)

When kidney beans are soaked overnight in water, they swell. Explain.

Question 24 (3.0 marks)

Name the three types of muscular tissues and list the functions of each.

Question 25 (5.0 marks)

Answer the following questions.

(i) Write a short note on modes of transmission of communicable diseases.

(ii) Write a short note on infections agents.

Question 26 (5.0 marks)

Answer the following questions.

(i) State the differences between striated, smooth and cardiac muscles.

(ii) Which meristem increases the girth of the stem and the root?

(iii) Name the parenchyma found in aquatic plants which contains large air cavities.