

ANGEL'S PUBLIC SCHOOL

SAMPLE PAPER

PERIODIC TEST – I SESSION 2024 – 25

CLASS – VII

TIME: 2 HRS

SUBJECT: SCIENCE

M.M:40

General instructions

- (a) Section – A comprises of 6 Multiple Choice questions, each of 1 mark.
- (b) Section – B comprises of 5 Fill in the blanks, each of 1 mark.
- (c) Section – C comprises of 6 very short answer type questions, each of 2 marks. Attempt any five.
- (d) Section – D comprises of 4 Short answer type questions, each of 3 marks. Attempt any three.
- (e) Section – E comprises of 2 Long answer type questions, each of 5 marks. Attempt any one.
- (f) Section – F comprises of a diagram, of 5 marks.

SECTION-A

1. Multiple choice questions:

- (a) A farmer observes the growth of Rhizobium on the roots of its plants. How does this benefit the farmer?
 - (i) It increases growth of unwanted plants
 - (ii) It increases use of manure in the fields
 - (iii) It reduces the need of fertilisers in the field
 - (iv) It reduces raw material needed by plants
- (b) Which one of the following parts of the human body resembles the stomata in terms of functionality?
 - (i) Nose
 - (ii) Skin
 - (iii) Ears
 - (iv) Eyes
- (c) Organisms A and B are good friends and live together. Organism A provides shelter, water and nutrients while organism B prepares and provides food. This association of organisms is termed as
 - (i) Saprophytes
 - (ii) Parasite
 - (iii) Autotroph
 - (iv) Symbiosis
- (d) The ___ is not a part of alimentary canal.
 - (i) Oesophagus
 - (ii) Stomach
 - (iii) Salivary glands
 - (iv) Small intestine
- (e) In which part of the digestive system, is bread completely broken down into simple sugars?
 - (i) Stomach
 - (ii) Liver
 - (iii) Large intestine
 - (iv) Small intestine
- (f) When the salivary amylase lacks saliva, which one of the following events in the mouth cavity is affected?
 - (i) Break down of protein into amino acids
 - (ii) Starch breaking down into sugars
 - (iii) Fats breaking down into fatty acids
 - (iv) Absorption of vitamins

SECTION-B

2. Fill in the blanks:

- (a) ___ helps in digestion of fats.
- (b) Mucus protects the stomach lining from damage caused by_____.
- (c) Chlorophyll is a ___ pigment present in the cell organelle.
- (d) The minute openings at the lower surface of leaf are called_____.
- (e) ___ is tested by iodine.

SECTION-C

3. Very short answer type questions (Do any five)

- (a) What is photosynthesis?
- (b) Name any two insectivorous plants.
- (c) What is autotrophic mode of nutrition?
- (d) What is absorption of food?
- (e) Define Digestion.
- (f) Name the hardest substance that covers the teeth.

SECTION-D

4. Short answer type questions (Do any three)

(a) Describe the process of digestion in the small intestine.

(b) An infant after feeding on milk often vomits a curd like substance. Why does this happen?

(c) What is heterotrophic mode of Nutrition?

(d) Why are animals not able to make food like plants do?

SECTION-E

5. Long answer type questions (Do any one)

List three differences between parasitic and insectivorous plants.

OR

How does photosynthesis maintains a balance between oxygen and carbon dioxide in the atmosphere?

SECTION-F

6. Draw the diagram.

“Human digestive system”.