



FUSCO'S SCHOOL (ICSE)

Indiranagar, Bangalore
Annual Examination 2016-17

Class: VII

Subject: Biology

Marks : 80

Time: 2hrs.

SECTION I (40 Marks)

Attempt all questions from this section

Question-1

a. Name the following: 5

1. Obtaining characteristic flavor of tea leaves.
2. The Pigment found in RBC.
3. The finger like projections in the small intestine.
4. The minute structure in the cytoplasm that help in protein synthesis.
5. The organ where bile juice is stored.

b. Write 'true or 'false' against the following statement 5

1. The finger like infoldings found in mitochondria is called chromatin.
2. Starch is the immediate product of photosynthesis.
3. Iron is responsible for blood formation.
4. Chicken pox is a viral disease.
5. The skin is the main excretory organ.

c. Fill in the blanks: 5

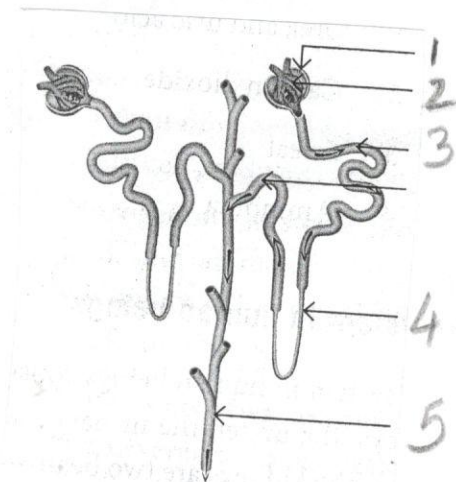
1. The machine used to filter and clean blood _____.
2. Food energy is measured in units' called _____.
3. The green pigment of the leaf is known as _____.
4. The _____ is the control centre of a cell.

d. Match the following: 5

- | A | B |
|----------------------|----------------|
| 1) Rabies | a) bacteria |
| 2) Typhoid | b) Virus |
| 3) Amoebic dysentery | c) Fungi |
| 4) Rust of wheat | d) Trypanosoma |
| 5) Sleeping sickness | e) Entamoeba |

e. Observe the following diagram and label the parts numbered 1-5

5



f. Draw a neat diagram of structure of mitochondria and label its parts.

5

g. Choose the correct answer from the given choice:

5

1. Casein and albumin are the kinds of [protein/vitamin]
2. Chlorella belongs to [fungi/algae]
3. The gas evolved during photosynthesis is [oxygen/carbon di oxide]
4. Nostrils open into ----- cavity [nasal/buccal]
5. Which is called as trachea? [windpipe/ food pipe]

h. Draw the structure of a human tooth and label the following parts.

Enamel, dentine, root, blood vessel and nerve

5

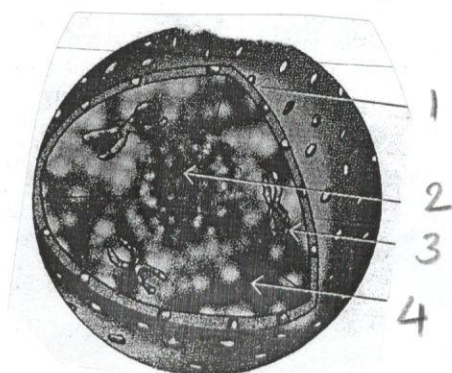
SECTION-II (40 marks)

Attempt all question from this section

Question-2

a. Observe the following diagram and answer the questions that follows:

5



- i) Name the diagram
- ii) label the parts numbered 1-4

b. Write any one difference for the following:

5

1. Cell membrane and cell wall (Permeability)
2. Cholera and rabies (causative agent)
3. Bowman's capsule and Glomerulus (structure)
4. Anaerobic and aerobic respiration (end product)
5. Homodont and heterodont [type of dentition)

Question-3

a. Define the following:

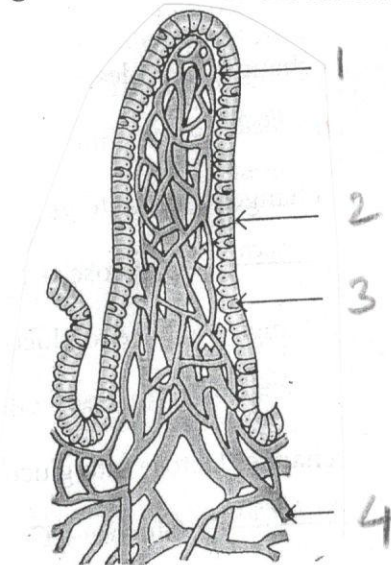
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1. Microorganisms
2. Vaccination
3. Transpiration
4. Respiration
5. Enzymes

Question-4

Observe the diagram and answer the following questions:

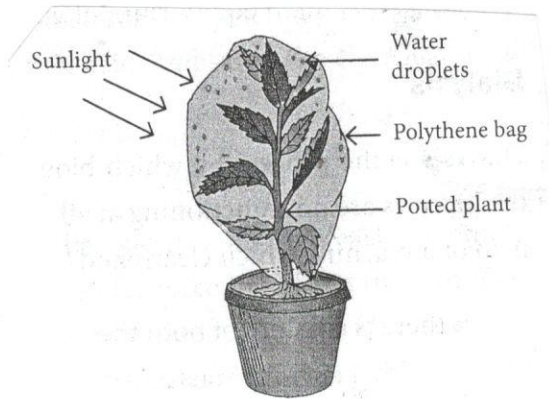
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1. Name the figure given.
2. Label the parts 1-4
3. Where do you find this structure?
4. Name its importance.

Question-5**a. Answer the following as directed:**

- i) List the four types of teeth. Write their function 2
- ii) Which juice is secreted by the walls of the stomach? 1
- iii) Give the equation for the two types of respiration. 2

b. Observe the following diagram and answer the following questions: 5

- i) Name the process demonstrated by the diagram.
- ii) Define the process mentioned by you.
- iii) Mention the organ through which the process takes place.
- iv) Write any three significance of this process to plant.
