



PERIODIC ASSESSMENT – III [2020-21]

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|--------------|---------|-------|-----|----------------|--|
| Student Name | | | | | |
| Date | | Grade | VII | Roll No. | |
| Subject | Science | Marks | 25 | Teacher's Sign | |

GENERAL INSTRUCTION:

1. All the Questions are Compulsory Questions.
2. All the Parts of Questions must be attempted at one Place.

Q1 Multiple choice questions:

(5 Marks)

- (1) In plants, water is transported through
(a) Xylem (b) Phloem (c) Stomata (d) Root hair
- (2) Normal range of breathing rate per minute in an average adult person at rest is:
(a) 9-12 (b) 15-18 (c) 21-24 (d) 30-33
- (3) The process of fusion of the male and female gametes is called
(a) Fertilisation (b) Pollination (c) Reproduction (d) Seed formation
- (4) In which of the following parts of human body are sweat glands absent ?
(a) Scalp (b) Armpits (c) Lips (d) Palms
- (5) Aquatic animals like fish excrete their wastes in gaseous form as -
(a) Oxygen (b) Hydrogen (c) Ammonia (d) Nitrogen

Q.2 Fill in the blanks:

(5 Marks)

- (1) The rhythmic expansion and contraction of the heart is called _____.
- (2) The main excretory product in human beings is _____.
- (3) The larynx is also called _____.
- (4) Hemoglobin is present in _____ cells.
- (5) Seed dispersal takes place by means of _____, _____ and _____.

Q.3 Match the items in Column I with those in Column II:

(5Marks)

| Column I | Column II |
|--------------------|------------------------|
| (i) Stomata | (a) Spirogyra |
| (ii) Xylem | (b) Transpiration |
| (iii) Fish | (c) Alcohol |
| (iv) Fragmentation | (d) Transport of water |
| (v) Yeast | (e) Gills |

Q.4 Give the answers of following questions:

(1) Observe Figure 11.2 and answer the given questions:

(2 Marks)

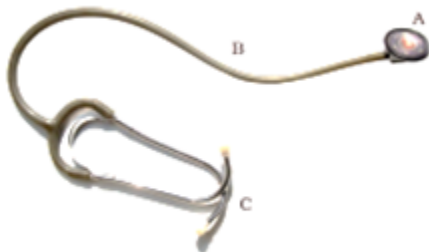


Fig 11.2

(a) Name the instrument.

(b) Label the parts A, B and C.

OR

(1) What are stomata? Give two functions of stomata.

(2) When you keep food items like bread and fruits outside for a long time especially during the rainy season, you will observe a cottony growth on them. (3 mark)

(a) What is this growth called?

(b) How does the growth take place?

OR

(2) Name the process and the organ which helps in removing the following wastes from the body.

(a) Carbondioxide

(b) Undigested food

(c) Urine

(3) Draw a diagram of the human excretory system and label the various parts. (5

Marks)

OR

(3) In the figure (12.4) of a flower, label the parts whose functions are given below and give their names.



Fig 12.4

(a) The part which contains pollen grains.

(b) The part where the female gamete is formed.

(c) The female reproductive part where pollen grains germinate.

(d) The colourful part of flower which attracts insects.