

(9)

GREENLAWNS HIGH SCHOOL
TERMINAL EXAMINATION 2021

SUBJECT: BIOLOGY
TIME: 1 HOUR

CLASS: IX
MARKS: 40

- Please note:**
1. All answers must be written on composition sheets.
 2. On each side of the composition sheet mention your name, roll no, std and div.
 3. The answer sheets must be converted into a clear pdf and uploaded on teams.
 4. Rename your pdf as your 'Roll no name Biology TE'
(Example: 50 Hari Kumar Biology TE)

Q1. Name the following:

(5)

1. The yellowish green watery fluid produced by the liver.
2. The pollination that is facilitated by elephants.
3. A condition in which the stigma and anthers grow at different heights which favours cross pollination.
4. A group of similar cells performing a specific function.
5. Longest cells in humans.

Q2. State whether the following statements are true or false. If false, correct the first or the last word only and rewrite the correct statement.

(5)

1. Guard cells of stomatal pore in the leaves are bean-shaped to open and close the pore.
2. Bone is a non-porous tissue.
3. Ovule in plants is destined to become the fruit which contains the seed inside.
4. Sublingual glands are located below the tongue.
5. Absence or shortage of vitamins in diet over continued period causes deficiency diseases.

Q3. Fill in the blanks.

(5)

1. _____ is the tubular slender stalk which connects the stigma to the ovary.
2. Fertilisation is the union or fusion of the nuclei of male and female _____.
3. _____ is the cell's energy producers.
4. The last molar of each side in each jaw is called _____ tooth.
5. Two insoluble polysaccharide carbohydrates are cellulose and _____.

Q4. Match the following: (For e.g 6- j) (5)

Column A

1. Galactose
2. Starch
3. Maltose
4. Peptides
5. Goitre

Column B

- a) Polysaccharide
- b) Monosaccharide
- c) Disaccharide
- d) Iodine
- e) Proteins
- f) Biliverdin
- g) Iron
- h) Fatty acids and glycerol

Q5. Define the following terms: (5)

1. Pollination
2. Flower
3. Protoplasm
4. Peristalsis
5. Inflorescence

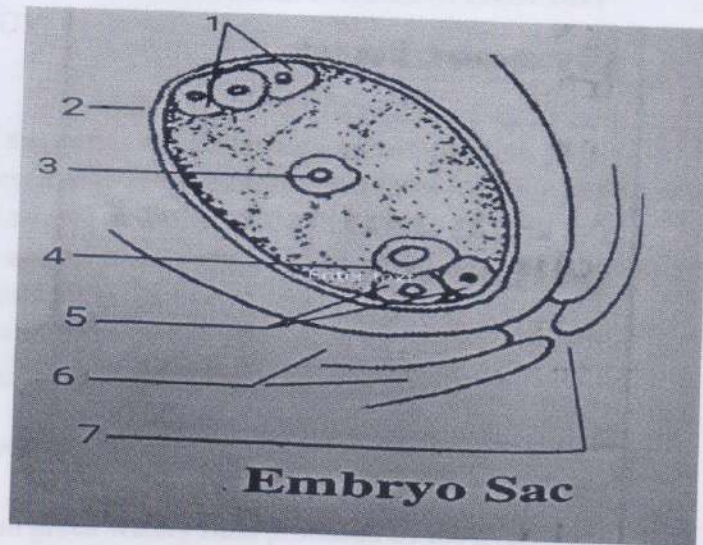
Q6. Distinguish between the following terms: (5)

1. Monadelphous and Polyadelphous stamens (Definition)
2. Maltose and Lactose (Chemical composition)
3. Incisors and Canines (Function)
4. Wind-pollinated flower and Insect-pollinated flower (Location of stamen)
5. Plant cell and Animal cell (Quantity of cytoplasm)

Q7. Give scientific reasons for the following: (5)

1. Human red blood cells are circular and biconcave.
2. Petals in a flower are usually colourful, large and showy.
3. In some hydrophilous flowers pollen grains have a specific gravity almost equal to that of water.
4. Usually cross pollination is the only possibility in plants like Papaya.
5. Lysosomes are also known as 'suicide bags'.

Q8. Observe the diagram of an embryo sac carefully and answer the questions that follow: (5)



1. Label parts 1, 2, 3, 4 and 5.
2. What is the function of part 6 and 7?
3. How many cells does the embryo sac contain?