

Kerala Public School
Holiday Homework- June 2020
Class X
Subject: Biology

Note: Homework must be done in A4 size sheets. Answers should be brief & to the point.

I. Answer the following questions in one word or one sentence each.

1. What is the function of platelet cells in blood?
2. Name the plant hormone which inhibits growth.
3. What type of movement is shown by mimosa plant leaves when touched with the finger?
4. What happens when a mature spirogyra filament attains a considerable length?
5. Why is small intestine in herbivores longer than in carnivores?
6. What is the function of photo receptors & phono receptors?
7. Name any two sexually transmitted diseases.

II. Answer the following questions briefly.

1. Name the correct substrates for the following enzymes:
a) Trypsin b) Lipase c) Amylase d) Pepsin
2. Write the difference between Xylem transport & Phloem transport in Plants.
3. Trace the path of sperms during ejaculation & mention the glands & their functions associated with the male reproductive system.
4. Write 2 points of difference between Asexual & sexual type of reproduction.
5. Name the hormones secreted by the following endocrine glands & mention one function of each:
a) Thyroid b) Pituitary c) Pancreas
6. Adrenal glands are also known as glands of emergency. Give reason.
7. Differentiate between arteries & Veins.
8. What are the reflex actions? Give two examples. Explain a reflex arc.
9. What is fertilization? Fertilization occurs once in a month. Comment
10. Describe the process of urine formation in kidneys.
11. Describe the structure & functions of Neuron with the help of a diagram.

III. Draw a neat labelled diagram of each of the following.

- a) Human digestive system
- b) Human respiratory system
- c) Human heart

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