

DELHI PUBLIC SCHOOL, JAMMU
REVISION SHEET FOR CYCLE TEST-I
SESSION (2018-19)

Class – VIIth

Subject – Science

Syllabus: Ch-1 Nutrition in plants,

Ch-2 Nutrition in Animals

Ch-14 Electric current and its Effects

Ch-3 Fibre to Fabric

Very Short Answer Type Question

1. Name the gas that enters the leaves of the plant through the stomata.
2. Which structure transports food synthesised in the leaves to the different parts of the plant?
3. Where does the process of digestion complete in humans?
4. What is peristalsis?
5. Name an enzyme which breaks down the starch present in the food into sugars.
6. What is the purpose of ‘throwing’ in silk industry?
7. Name the process of removing hair from the body of a sheep.
8. What happens when an electric current passes through tungsten filament?
9. Who was the first person to notice the deflection of compass needle when current passed through the wire?
10. In which direction does the current flow in a closed circuit?

Short Answer Type Questions - I

11. Why mistletoe is called partial parasite?
12. What are plant parasites? Name any two plant parasites.
13. How can you say photosynthesis maintains balance between oxygen and carbon dioxide in the atmosphere?
14. List the effects of tooth decay.
15. What is the action of intestinal juice on the following food components?
 - a) Carbohydrates
 - b) Proteins
16. Draw a well labelled diagram of different stages of nutrition in Amoeba.
17. Give two characteristics of wool
18. What is meant by selective breeding?
19. Why do we not wait for the silk moth to hatch and then boil the cocoon?
20. Why is a fuse wire necessary in a circuit? How does it work?
21. What is meant by resistance of a wire?
22. Name any four electrical appliances in which the heating effect of current is utilised.

Short Answer Type Questions - II

23. How does the pitcher plant catch its prey?
24. How do Rhizobium bacteria and leguminous plants help each other in survival?
25. Discuss any two types of heterotrophic nutrition in plants
26. Draw a well labelled diagram to show the movement of the food in the oesophagus. Write the function of Oesophagus.
27. Describe briefly, how digestion and absorption take place in Amoeba
28. Which part of the alimentary canal is involved in
 - a) Chewing of food
 - b) Killing of bacteria
 - c) Absorption of food
29. With the help of a flow chart, describe the life cycle of a silkworm.

30. What is meant by the following terms?
 a) Shearing b) Sorting c) Combing
31. How does the hair of certain animals help in keeping their bodies warm?
32. Give two advantages of electromagnets over a permanent magnet. What type of magnet is used in an electric bell?
33. What is a solenoid? Draw a diagram with a solenoid connected in a circuit. How can you increase the strength of a solenoid?
34. What is meant by Magnetic and Heating effect of Electric current?

Long Answer Type Questions

35. Write an experiment to show that sunlight is necessary for photosynthesis.
36. Discuss the raw materials required for the process of photosynthesis.
37. Explain the human digestive system with the help of a well labelled diagram.
38. Describe the process of wool production.
39. Explain the construction and working of an Electric bell with the help of a well labelled diagram.
40. Describe the process of digestion in ruminants.

Multiple Choice Questions

41. Which of the following is an insectivorous plant?
 a) Cuscuta c) Mistletoe
 b) Drosera d) Lichen
42. Plants store food as
 a) Cellulose c) Glucose
 b) Sugar d) Starch
43. The largest gland in the body is
 a) Pancreas c) Liver
 b) Gall bladder d) Stomach
44. Compound stomach is found in
 a) Humans c) Cow
 b) Lion d) All of these
45. When a few drops of iodine solution are added to a boiled potato, it turns
 a) Green c) Blue
 b) Yellow d) Blue-Black
46. The mouth parts of insects are modified to form a _____ to suck liquid food
 a) Feeding tube c) Tentacles
 b) Sticky web d) Cilia
47. The device used to prevent the flow of excess current is
 a) Switch c) Bulb
 b) Fuse d) Coil
48. The use of a fuse is based on the _____ effect of current
 a) Heating c) Magnetic
 b) Chemical d) Physical
49. Insulators have
 a) High Resistance c) Zero Resistance
 b) Low Resistance d) None of these
50. Raw silk is twisted to produce _____ silk
 a) Spun c) Eri
 b) Thrown d) Mooga