

INTERNATIONAL INDIAN SCHOOL , DAMMAM.
FIRST TERMINAL EXAMINATION 2017 – 2018

SUBJECT: GENERAL SCIENCE

TIME : 3 Hours

CLASS : VII

SET A

MARKS: 80

GENERAL INSTRUCTIONS:

1. Read the questions carefully.
2. All the answers to be written in the answer sheets provided.
3. Total number of questions is 42.

SECTION – A

Choose the correct answer from the following options:-

(1 x 10 = 10)

1. Association of two different organisms in which both are benefitted is
(a) Nutrition (b) Symbiosis (c) Saprotrophic (d) Parasitic
2. The top level of water present under the ground is called
(a) Ground water (b) Water table (c) Aquifer (d) Water cycle
3. Water from the undigested food is absorbed in the _____.
(a) Stomach (b) Small intestine (c) Large intestine (d) Liver
4. The process of breaking down of complex food into simpler one is
(a) Excretion (b) Digestion (c) Absorption (d) Assimilation
5. Silk is obtained from the _____ of silkworm.
(a) Eggs (b) Cocoons (c) Larva (d) Moth
6. Room heater works on the principle of
(a) Conduction (b) Convection (c) Radiation (d) Insulation
7. Which is a neutral substance?
(a) Hydrochloric acid (b) Common salt (c) Sodium hydroxide (d) Acetic acid
8. Basic soil can be neutralized by adding
(a) Quick lime (b) Slaked lime (c) Baking soda (d) Organic manure
9. Which of these is not necessary for photosynthesis?
(a) Carbon dioxide (b) Chlorophyll (c) Nitrogen (d) Sunlight
10. A network of pipes which is like a transport system to carry waste water
(a) Sullage (b) Sewage (c) Sewerage (d) Sludge

Fill in the blanks.

(1 x 7 = 7)

11. Iodine turns blue-black on reacting with _____.
12. _____ is digested by the action of bacteria present in the caecum of ruminants.
13. _____ and _____ are two main animal fibres.
14. Thermometer is a device used for measuring _____.
15. The wise and judicious use of natural resources is called _____.
16. The acid present in sour milk is _____.
17. _____ is a fuel produced by anaerobic fermentation of sludge.

Name the following.

(1 x 3 = 3)

18. The two partners in Lichen.
19. The substances which are neither acidic nor basic.
20. Traditional way of collecting water.

SECTION – B

Answer the following in one or two sentences.

(2 x 10 = 20)

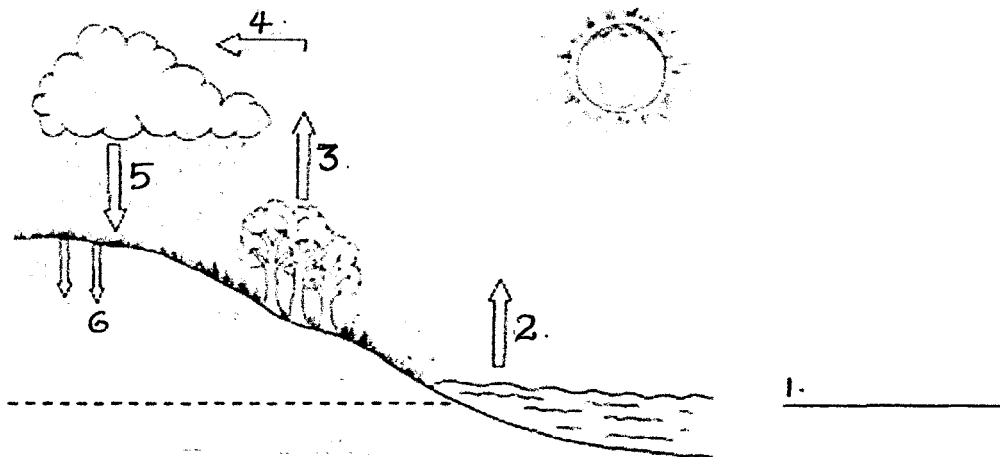
21. Define nutrition. Name the two major modes of nutrition in organisms.
22. (a) How do woolen clothes keep us warm in winter?
(b) What is the use of kink in a clinical thermometer?
23. Differentiate between a parasite and a saprotroph. Give one example for each.
24. What are indicators? Name a colourless indicator commonly used in laboratories.
25. Where is bile produced? How does it help in digestion?
26. Factory waste is neutralized before depositing it into the water bodies. Give reason.
27. (a) Define aquifer.
(b) How is the water in the aquifer available for use?
28. Mention any four factors that lead to the depletion of water table.
29. Write the difference between conductors and insulators of heat . Give 2 examples for each.
30. (a) Insectivorous plants are green and carry out photosynthesis. Why do they feed on insects?
(b) Name the bacterium which can convert atmospheric nitrogen into soluble form.

SECTION - C

Answer the following in three or four sentences.

(3 x 10 = 30)

31. Define the process of photosynthesis. Represent it in the form of an equation.
32. Distinguish between absorption and assimilation.
33. (a) Define drip irrigation.
(b) Identify the figure and label the processes.



34. (a) Define sericulture. (b) Draw a flow chart of the life cycle of silk moth.
(c) Which are the various steps involved in the process of making wool?
35. Describe the structure of a cell with a neat labeled diagram
36. Explain sea breeze and land breeze.
37. Write the differences between a clinical thermometer and a laboratory thermometer .
38. (a) What is acid rain?
(b). Complete the following.
i. Acidity : Hydrochloric acid :: Ant bite : _____
ii. Lemon : Citric acid :: _____ : Acetic acid
39. (a) What is meant by Sewage Treatment? (b) Name the tree to be planted all along sewage ponds. (c) What are the two chemicals used to disinfect water?
40. (a) What is DNA?
(b) Explain the process of rumination.

OR

- (a) What is diarrhoea? How is it caused?
- (b) What are villi? Write its function.

SECTION – D

Answer the following in detail

(5 x 2 = 10)

- 41. (a) Write three difference between acids and bases.
- (b) Describe the process of neutralization reaction with the help of an example.
- 42. (a) Explain the structure of amoeba with the help of a neat labeled diagram
- (b) Mention the different types of teeth found in humans.

OR

- (a) Define digestive system. (b) What are the end products of digestion?
- (c) Label the following parts of the given figure.

