

**INTERNATIONAL INDIAN SCHOOL – DAMMAM**  
**SECOND TERM EXAMINATION – (DECEMBER 2017)**

**CLASS: VII**  
**SUBJECT: GENERAL SCIENCE**

**MAX. MARKS: 80**  
**DURATION: 3 HRS**

**SET – A**

**GENERAL INSTRUCTIONS:**

1. Total number of questions: 42
2. Write the question number correctly and all the answers to be written in the answer sheets provided.
3. All the questions are compulsory. Internal choices are given.

**SECTION “A”**

**Choose the correct answer from the following questions:**

**(1 x 10 = 10M)**

1. Products of neutralization reaction are always:  
(a) An acid or a base  
(b) An acid and a salt  
(c) A salt and water  
(d) A salt and a base
2. Which of the following statement is incorrect for a chemical reaction:  
(a) Heat may be given out but never absorbed  
(b) Sound may be produced  
(c) A colour change may take place  
(d) A gas may be evolved
3. Too thick layers of fur, wide paws, strong sense of smell and a layer of fat under the skin found in:  
(a) Penguin  
(b) Polar Bear  
(c) Toucan  
(d) Elephant
4. The arteries have thick elastic walls because:  
(a) Rapid blood flows at high pressure  
(b) Slow blood flows at low pressure  
(c) Rapid blood flows at low pressure  
(d) Slow blood flows at high pressure
5. The amount of heat produced in wire depends on:  
(a) Material  
(b) Length  
(c) Thickness  
(d) All of these
6. Algae grows and multiplies rapidly by means of:  
(a) Fragmentation  
(b) Spore formation  
(c) Budding  
(d) Fertilization
7. Which of the following set of substances contain acids:  
(a) Grapes, Lime water  
(b) Vinegar, Soap  
(c) Curd, Milk of magnesia  
(d) Curd, Vinegar
8. Which one of the following is based on the heating effect of current:  
(a) Geyser  
(b) Electric Bell  
(c) Loud Speaker  
(d) Crane

9. The dark colour layer of soil rich in humus and minerals is called:  
(a) A-Horizon (b) B-Horizon  
(c) C-Horizon (d) Both (a) and (b)
10. Calcium hydroxide is called as:  
(a) Quick lime (b) Lemon water  
(c) Slaked lime (d) None of these

**Fill in the blanks:**

**(1 x 7 = 7M)**

11. Immersion heaters, hot plate have \_\_\_\_\_ inside them.
12. Drumstick and maple have \_\_\_\_\_ seeds.
13. Proteins are made of \_\_\_\_\_.
14. The brown deposits on the iron nail when dip in copper sulphate is \_\_\_\_\_.
15. \_\_\_\_\_ is a means to escape from the harsh and cold conditions.
16. Every cell of organisms gets energy by the breakdown of \_\_\_\_\_.
17. In the electric bulb, there is a thin wire called \_\_\_\_\_ which glows when an electric current is passed.

**Name the following:**

**(1 x 3 = 3M)**

18. Which animal is also called as beard ape?
19. The rhythmic contraction and relaxation of heart muscles.
20. The amount of water absorbed by soil in unit time.

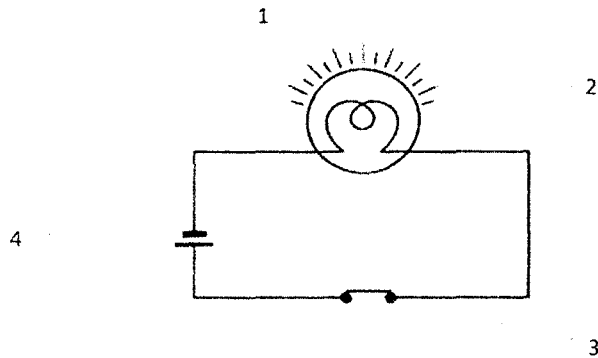
**SECTION "B"**

**Answer the following in one or two sentences:**

**(2 x 10 = 20M)**

21. (a) How is the climate of a place defined?  
(b) Name the elements that determine the weather at any place
22. Define acid. Name the acid found in ant's sting.
23. What is the standard test of carbon-di-oxide? Mention the word equation.

24. What is dialysis? Write its significance.
25. Explain the two types of reproduction in plants?
26. (a) Define electric circuit.  
(b) Identify the diagram and label it



27. (a) Define weather?  
(b) Explain why tropical rain forest have large population of animals
28. Give any four possible effects that accompany a chemical change.
29. Describe any two types of soil on the basis of size of the particles of the soil.
30. Write a short note on acid rain.

### SECTION "C"

Answer the following in three or four sentences:

(3 x 10 = 30M)

31. Mention the adverse effect of excessive use of chemical fertilizers. How can we reduce it?
32. (a) What are the factors essential for rusting? Write the word equation of rusting.  
(b) How can we prevent rusting?
33. How is seed dispersal beneficial to plants?
34. Differentiate between unisexual and bisexual flowers and give examples.

35. (a) Define electric fuse  
(b) Give two possible reasons for excessive current in circuits.
36. Describe any two ways by which seeds are dispersed with examples.
37. What do you mean by horizon? Explain any two types of horizon.
38. Draw a schematic diagram of circulation.
39. Write a short note on litmus which is a natural indicator.
40. Name the three types of blood cells and specify its function.  
**OR**  
Write the three functions of blood.

#### **SECTION "D"**

**Answer the following in detail:**

**(5 x 2 = 10M)**

41. Explain the working of an electric bell with the help of a diagram  
**OR**  
Describe the structure and the function of excretory system in man with the help of a diagram.
42. (a) What is transpiration?  
(b) Explain how transpiration is useful to the plants.  
(c) Distinguish between xylem and phloem.

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