

KENDRIYA VIDYALAYA KHAMMAM
Formative Assessment – 1 (July -2016)

Class : VIII
Subject : Science

Maximum Marks : 40
Time Allowed : 1½ Hour

SECTION A – FILL IN THE BLANKS

5 X 1 = 5M

1. Tuberculosis is caused by _____ micro-organism.
2. Polio disease is prevented by giving _____.
3. Like synthetic fibres , plastic is also a _____.
4. A plastic material which is easily decomposed by the action of bacteria is called _____ plastic.
5. _____ is the hardest non-metal.

SECTION B – MULTIPLE CHOICE QUESTIONS

5 X 1 = 5M

Choose the correct answer from the given options -

6. Which of the following is an antibiotic ?
(a) Sodium bicarbonate (b) Streptomycin (c) Alcohol (d) Yeast
7. A fibre obtained by chemical treatment of wood pulp is _____
(a) Rayon (b) Nylon (c) Plastic (d) None of these
8. Which of the following plastics is used for making electric switches ?
(a) Teflon (b) Melamine (c) P E T (d) Bakelite
9. This liquid metal is used in thermometer -
(a) Water (b) Chlorine gas (c) Mercury (d) None of these
10. Which substance is stored under kerosene ?
(a) Sulphur (b) Water (c) Sodium (d) Air

SECTION C – VERY SHORT ANSWER QUESTIONS

4 X 2 = 8M

(Give your answer in one or two sentences)

11. Why can't we store lemon pickle in aluminium vessels ?
12. Explain the **4 R's** to save environment.
13. What are acidic oxides and basic oxides ?
14. Write the full form of **PVC**. Is it thermoplastic or thermosetting plastic ?

SECTION D – SHORT ANSWER QUESTIONS

4 X 3 = 12M

15. Name *any three* diseases caused by micro-organisms. Also mention their modes of transmission.
16. Write *three* characteristics of plastics.
17. What is a polymer ? Name a natural polymer and a synthetic polymer.
18. Write *any three* uses of metals.

SECTION E – LONG ANSWER QUESTIONS

2 X 5 = 10M

19. Draw a neat diagram of **Nitrogen cycle**.
20. Write any *five differences* in the properties of metals and non-metals.