

**PM SHRI KENDRIYA VIDYALAYA SITAPUR (FIRST SHIFT)**

**Periodic Test – 1 (2024-25)**

**Class – VIII**

**Time – 90 minutes**

**Subject – Science**

**M.M. – 40**

**Multiple Choice Questions ( 1 × 7 = 7 Marks)**

Q.1) The first step before growing crop is -

- (a) Adding manure and fertilisers    (b) Preparation of soil    (c) Sowing    (d) Harvesting

Q.2) In the following which is a Rabi Crop -

- (a) Paddy    (b) Soyabean    (c) Groundnut    (d) Wheat

Q.3) Yeast is used in the production of -

- (a) Sugar    (b) Alcohol    (c) Oxygen    (d) Hydrochloric acid

Q.4) The most common carrier of communicable disease is -

- (a) Ant    (b) Spider    (c) Housefly    (d) Butterfly

Q.5) The process of conversion of sugar into alcohol is called -

- (a) Nitrogen fixation    (b) Moulding    (c) Fermentation    (d) Pasteurisation

Q.6) The petroleum product used for surfacing of roads is -

- (a) Bitumen    (b) Kerosene    (c) Petrol    (d) Diesel

Q.7) Least polluting fuel for vehicle is -

- (a) Petrol    (b) Diesel    (c) Kerosene    (d) CNG

Q.8) **Match The Column ( 1 × 5 = 5 Marks )**

**Column A**

- (i) Organic manure  
(ii) Sources of irrigation  
(iii) Lactobacillus  
(iv) Yeast  
(v) Bacteria

**Column B**

- (a) Baking of bread  
(b) Causing cholera  
(c) Animal excreta, cow dung and plant waste  
(d) Tubewells, ponds, rivers, lakes, canals  
(e) Setting of curd

Q.9) **Tick True/False against the following statements. ( 1 × 3 = 3 Marks)**

- (i) Coke is almost pure form of carbon.  
(ii) Kerosene is not a fossil fuel.  
(iii) CNG is more polluting fuel than petrol.

**Q.10) Fill in the blanks. ( 1 × 3 = 3 Marks)**

- (i) Process of separation of different constituents from petroleum is called .....
- (ii) Microorganisms can be seen with the help of a .....
- (iii) Damaged seeds would ..... on the top of water.

**One Word Answer Questions ( 1 × 2 = 2 Marks )**

Q.11) A machine used for cutting the matured crop.

Q.12) Name the microorganism which can fix atmospheric nitrogen in the soil.

**Very Short Answer Questions ( 2 × 2 = 4 Marks )**

Q.13) What are the major groups of microorganisms?

Q.14) Describe the characteristics and uses of coke.

**Short Answer Questions ( 3 × 2 = 6 Marks)**

Q.15) Explain how fertilisers are different from manure.

Q.16) Describe how coal is formed from dead vegetation.

**Long Answer Questions ( 5 × 2 = 10 Marks)**

Q.17) What is irrigation? Describe two methods of irrigation which conserve water.

Q.18) What are antibiotics? What precautions must be taken while taking antibiotics?