

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?