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Periodic Assessment – 1 (2017-18)

Class – VIII

Max Marks:

40

Subject: **Science**

I) Fill in the blanks:

5x1=5m

1. Blue green algae fix _____ directly from air to enhance fertility of the soil.
2. Cholera is caused by _____.
3. Synthetic fibers are synthesized from raw material called _____.
4. Rayon is called as _____.
5. Phosphorus is a very _____ nonmetal.

II) Multiple choice questions:

5x1=5 m

1. Which of the following can be beaten into thin sheets?
a) Aluminium b) Oxygen c) Sulphur d) Coal
2. Which of the following is non-biodegradable?
a) Wood b) Paper c) Plastic bags d) vegetable peels
3. The following is an antibiotic
a) Sodium bicarbonate b) Streptomycin c) Alcohol d) Yeast
4. The process of conversion of sugar into alcohol is called
a) Fermentation b) moulding c) infection d) Nitrogen fixation
5. Separation of grains from the chaff is called
a) Harvesting b) Threshing c) Ploughing d) Sowing

III) Write whether the following statements are true or false:

5 x 1 = 5m

- 1) Supply of water to crops at appropriate intervals is called Irrigation ()
- 2) Microorganisms can be seen with the unaided/naked eye ()
- 3) Lactobacillus is the bacteria that converts milk into curd.()
- 4) The fiber that is obtained by the chemical treatment of wood pulp is nylon. ()
- 5) Sodium is a very reactive metal. ()

IV) Write the answer in one word or one sentence

5 x 1=5M

- 1) Name the non-metal which all living beings inhale during breathing.
- 2) What is 4R principle?
- 3) Which synthetic fiber is used in making parachutes and ropes for rock climbing?
- 4) How viruses are different from microorganisms?
- 5) What is meant by animal husbandry?

V) Short answer questions:

3x3 = 9m

1. a) Write about thermoplastics and thermosetting plastics with example.

b) Give any one difference between manure and fertilizer?

2. What are the major groups of microorganisms? Give examples.

3. Explain why plastic containers are favored for storing food?

VI) Activity-based questions:

2 x 3= 6m

1) Describe an activity to show that thermoplastic is a poor conductor of electricity.

2) How the quality of the seeds are tested before sowing? Explain.

VII) Long Answer Question:

1 x 5= 5m

Differentiate the properties of metals and non-metals with examples.

(Or)

Draw the Nitrogen cycle neatly with labeling.