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Class – VIII Subject – Science

PERIODIC TEST-I (2017-18)

Time : 1:30 hr

MM : 40

Instructions:

1. All questions are compulsory.
2. Marks allotted to questions are indicated against them.

Q-1. Select the correct word from the following list and fill in the blanks. (1x5)

Hydrogen, Yeast, Crop, Reactive, Petrochemicals.

- a) The same kind of plants grown and cultivated on a large scale at a place is called
- b) Alcohol is produced with the help of
- c) Synthetic fibres are synthesized from raw materials called
- d) Phosphorus is a very non metal.
- e) Metals react with acids to producegas

Q-2. Mark 'T' if statement is true and 'F' if it is false. (1x5)

- a) Coal can be drawn into wires.
- b) Sodium is a non-reactive metal.
- c) Microbes can be seen with naked eyes.
- d) Wheat is grown as a Kharif crop in india.
- e) Copper displaces zinc from zinc sulphate solution.

Q-3. Match the items given in column 'A' with those given in column 'B'. (1x5)

	Column 'A'		Column 'B'
a)	Kerosene	i)	Ointments, candles Vaseline etc.
b)	Bitumen	ii)	Fuel for heavy motor vehicles and electric generators.
c)	LPG	iii)	Fuel for stoves, lamps and jet aircrafts.
d)	Paraffin wax	iv)	Paint and surfacing of roads.
e)	Diesel	v	Fuel for home and industry.

Q-4. Answer the following questions. (Any Three ----2x3)

- a) What is irrigation? Name any two methods of irrigation which conserve water.
- b) Can microbes be seen with naked eyes? If not, how can they be seen?
- c) Explain why plastic containers are favoured for storing food?
- d) What happens when metals react with acids? Write the word equation for the reaction of zinc with sulphuric acid.

Q-5. Answer the following questions. (Any Three ----3x3)

- a) Can you store lemon pickle in aluminium utensil ? Explain.
- b) Give examples to show that plastics are non-corrosive in nature.
- c) What are antibiotics? What precautions must be taken while taking antibiotics?
- d) What are weeds? How can we control them?

Q-6. Answer the following questions. (Any Two ----5x2)

a) What happens when? Write word equations of the reactions involved if any.

- i) Dilute Sulphuric acid is poured on copper plate.
- ii) Iron nails are placed in copper sulphate solution.
- iii) Copper is placed in zinc sulphate solution
- iv) Sodium metal is thrown in water.
- v) Iron nail is hammered.

b) Give reasons for the following-

- i) Aluminium foils are used for wrapping food items.
- ii) Sodium and potassium are stored in kerosene.
- iii) Saucepan handles are made up of thermosetting plastics.
- iv) Immersion rods for heating liquids are made up of metallic substances.
- v) Parachutes are made up of nylon.

c) i) 'Avoid plastics as far as possible'. Comment on this advice.

- ii) Write six lines on the usefulness of micro-organisms in our lives.