

# ESSENCE TEST-1

— DATE : 11-08-19 —

6TH CLASS  
ICSE

## MAN IN ENVORNMENT

Mantra to get the best outcome.....

**Best**·solution

IIT-JEE + NEET + KVPY + OLYMPIAD + NTSE

1. Choose the correct option: [1×6=6]
- (i) A gas jar is used to collect
- (a) Heat substances in the laboratory  
(b) Collect gas  
(c) add liquid reactants into flask  
(d) Grind solid to powder
- (ii) Which of the following is a man-made fibre?
- (a) Silk            (b) Cotton            (c) Nylon            (d) Linen
- (iii) Which state of matter can be easily compressed:
- (a) Liquid            (b) Plasma            (c) Solid            (d) Gases
- (iv) Any material which occupy space and has mass is known as
- (a) Compound    (b) Matter            (c) Solid            (d) All of these
- (v) The scientist who discovered oxygen:
- (a) John Dalton                                  (b) Joseph Priestly  
(c) Henry Moseley                                (d) Henry Cavendish
- (vi) Which state of matter do not flow
- (a) Liquid            (b) Solid            (c) Gas            (d) None of the above

2. Match the following: [1×6=6]

<b>Column A</b>	<b>Column B</b>
(a) Stone	Used to kill germs.
(b) <i>Scientia</i>	Liquids
(c) Air	Knowledge
(d) Lycra	Compressible
(e) Petrol	Manmade fibre
(f) Antiseptics	Rigid

3. Write True or False: **[1×6=6]**
- (i) Anything which occupies space and has mass is called matter.
  - (ii) Tripod stand ensures uniform distribution of heat to the glass apparatus placed on it.
  - (iii) Louis Pasteur developed the process of pasteurization.
  - (iv) Ice is the solid state of water and steam is its gaseous state.
  - (v) Gases have a finite shape but no finite mass.
  - (vi) Nitrogen, oxygen and hydrogen are liquids.
4. Give one word:
- (i) The attractive force amongst the molecules of a substance.
  - (ii) The state of matter which can easily flow in all directions-
  - (iii) Urea is an important example of-
  - (iv) Used to kill insect and increase production of food crops-
  - (v) The smallest part of matter which can exist independently in nature-
  - (vi) Sodium, Gold, Calcium, Aluminium are examples of-
5. Answer the following: (Any 5) **[2×5=10]**
- (i) What is chemistry?
  - (ii) Define Matter?
  - (iii) Write difference between solid and Gas.
  - (iv) Write important characteristics of liquids.
  - (v) What is alchemy?
  - (vi) Write characteristics of molecules of matter.
  - (vii) Select solid substances out of the following-  
Sugar, Kerosene, petrol, apple, water, juice, ice, oxygen.
6. Tabulate the difference between solid, liquids and gas along with the diagram showing the particles (molecules) in them. **[6]**



*am the*  
**Best**

---

**IIT-JEE • NEET • COMMERCE • NTSE • OLYMPIAD**

---

Mantra to get the best outcome.....

**Best**·solution

---

**IIT-JEE + NEET + KVPY + OLYMPIAD + NTSE**

---

11/26, Opp. Malaw Manglik Bhawan,  
Vijay Nagar, Indore | Ph : 0731-4080896