

## Quarterly Examination - 2017-2018

### Science

Time : 2 hrs. 15 min.

F. M. : 80

Std. : VI

#### SECTION A (Attempt all questions)

1. Fill in the blanks : (10x1=10)
- Friction is much less in \_\_\_\_\_ than sliding
  - Iron will not rust in air free from \_\_\_\_\_
  - \_\_\_\_\_ is the practice of cleanliness
  - A \_\_\_\_\_ diet gives all the required nutrients in right proportion.
  - A door bell uses the attractive property of \_\_\_\_\_
  - The pascal is a unit of \_\_\_\_\_
  - Magnetism was first discovered in \_\_\_\_\_
  - A compass uses the \_\_\_\_\_ of a magnet.
  - CNG mainly contains \_\_\_\_\_
  - Diseases which spread from person to person are called \_\_\_\_\_ diseases.
2. Choose the correct option : (5x1=5)
- Which one of the following is not a magnetic material?  
i. Iron    ii. Cobalt    iii. Nickel    iv. Stainless steel.
  - On being burnt wood produces –  
i. Only carbon dioxide    ii. only water vapour    iii. Carbon dioxide and water vapour
  - Which one of the following is a contact force :  
i. Gravitational force    ii. Friction    iii. Electrostatic force
  - Which gas is released in photosynthesis :  
i. Nitrogen    ii. Oxygen    iii. Carbon dioxide
  - Which of the following is rich in carbohydrates :  
i. Pulses    ii. Meat    iii. Potatoes
3. Name the followings : (5x1=5)
- Something that brings about a change in the state of rest or motion –
  - Magnet created by an electric current –
  - Oxide of iron with a few molecules of water
  - Diet that contains all the nutrients in right proportion –
  - A substance that is burnt in order to obtain heat from it –

4. Match the followings : (5x1=5)

A

B

- |  |                         |
|--|-------------------------|
| a. Reaction in which heat is released                  | i. alnico               |
| b. Alloy of aluminium, nickel and cobalt               | ii. Exothermic reaction |
| c. The force with which the earth attracts the body    | iii. Non-biodegradable  |
| d. Pollutants that are not broken by natural processes | iv. Global warning      |
| e. Condition of rising temperature of the earth.       | v. Weight               |

5. Answer the following questions : (5x3=15)

- a. What are the functions of food?
- b. What is the approximate composition of air?
- c. What is an electromagnet?

#### SECTION B

(Attempt only four questions)

6. a. Write full form of CNG. Name the main component of CNG. (5x2=10)  
b. Why is water essential for our life?
7. a. Which of the two coal and LPG – will you prefer as a household fuel and why? (5x2=10)  
b. Define pressure. Write S.I. unit of pressure.
8. a. What is friction? Mention three methods of reducing friction. (5x2=10)  
b. How will you prove that air contains water vapour?
9. a. What is Respiration? Name the waste products of respiration. (5x2=10)  
b. What is oxygen cycle?
10. a. What are the disadvantages of friction? (5x2=10)  
b. What is magnet? What is meant by magnetic material?