

Grade-VI

**SCIENCE**

Time-3 hours

Assessment-11

M.M: 60

Instructions:

Read the question paper carefully. Write neatly and legibly. Do not over write. Pay special attention to spelling Read the answers before submitting the answer sheet.

Section-A (Physics)

(20marks)

**I. State whether these statements is true or false**

1. Shadow gives us the idea of the shape of an object.
2. In the Lunar eclipse, the shadow of the moon falls on the earth.
3. Light travel in a straight path.
4. Ferromagnetic materials attract towards the magnet.
5. The attraction of the magnet is weak at the ends than in the middle.

**II. Answer in one word**

1. A coil of insulated wire wrapped around an soft iron core.
2. Materials that behave as magnets only when an external magnetic field is present.
3. The study of Earth's magnetism is called.
4. Light gives us the sensation of
5. In pin hole camera, the image formed is.

**III. Define**

1. Penumbra
2. Magnetic field lines
3. Virtual image

#### IV. Short answer type question- (Any three)

1. Write any two difference between magnetic and non-magnetic substance.
2. Write any two properties of magnets.
3. Moon appears bright at night. Is it luminous or non luminous?
4. What do you mean by rectilinear propagation of light?

#### V. Long answer type question- (Any two)

1. What is solar eclipse? Draw a ray diagram to illustrate.
2. Explain with diagram the magnetic field around a magnet with magnetic field lines.
3. Give in detail the different methods to demagnetisation of a magnet

### Section-B (Chemistry)

(20marks)

#### I. Fill in the blanks:

1. Air pollution can be prevented by using \_\_\_\_\_ petrol.
2. Cloth is made from thin thread like material called \_\_\_\_\_.
3. A sample of water which is fit for human \_\_\_\_\_ is called potable water
4. \_\_\_\_\_ is an example of medicine extracted from the bark of the cinchona tree.

#### II. Answer in one word:

1. Which gas is used for filling in the packets of chips-
2. Drugs which help in relieving pain-
3. The saltiness of seawater is called-
4. The component which supports combustion-

#### III. Give the reasons for the following:

1. Cotton, jute and so many other natural fibres are available; still we depend on fibres like nylon etc.
2. Chlorine is added into drinking water.
3. Lime water turns milky when air is passed through it.

#### IV. Define:

1. Combustion
2. Solvent

#### V. Short answer type questions: (Any three)

1. State sources of water.
2. Enlist physical properties of air.
3. What are detergents
- 4 Differentiate between surface water and underground water.

#### VI. Long answer type questions: (Any 2)

1. Differentiate between thermoplastic and thermosetting polymer.
2. How will you show that air is necessary for respiration?
3. How can we prevent water pollution?

#### Section-C (Biology)

(20marks)

#### I. Match the column-

- |            |   |                   |
|------------|---|-------------------|
| 1. Veins   | - | Goitre            |
| 2. BCGF    | - | Flight adaptation |
| 3. Iodine  | - | Valves            |
| 4. Sparrow | - | Tuberculosis      |

#### II. Answer in one word-

1. Blood pigment which transport oxygen in the body \_\_\_\_\_
2. Taking care of one's own body \_\_\_\_\_

#### III. Encircle the odd one out. Give reasons for your choice

1. Arteries, Veins, Capillaries, Ureter.
2. Proteins, Fats, Minerals, Cancer

#### IV. Define the terms-

1. Disease
2. Heart beat

#### V. Answer the following questions in brief. (Any two)

1. List the various causes of diseases?
2. Why leucocytes are called soldiers of our body?
3. What are the main parts of human circulatory system?

#### VI. Answer the following question in detail- (Any one)

1. How would you keep your surrounding clean?
2. What is health? What will you do to lead a healthy life?

#### VII. Draw and label the diagram of internal structure of heart.

#### VIII. Diagram based question-



1. What disease is shown in the figure?
2. What should we eat to avoid this disease?

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