

AMRITA VIDYALAYAM

ANNUAL EXAMINATION 2018 - '19

Std : IV

Marks : 50

Time : 2 hrs

SCIENCE

KNOWLEDGE

I. Fill in the blanks. 5

1. Ability to do work is called _____.
2. _____ have a fixed shape and a fixed volume.
3. Small heavenly bodies that revolve around planets are called _____.
4. Moving air is called _____.
5. People working in factories wear _____.

II. Name the following. 5

1. National dress of Japan.
2. Wind blows from sea to land.
3. The largest and fastest spinning planet.
4. A gas.
5. Energy comes from the splitting of an atom.

III. Choose the correct answer. 5

1. Purifying impure liquid by staining. (decantation, filtration)
2. A _____ is an example of a lever. (hammer, screw)
3. Spinning of the earth on its axis is _____. (rotation, revolution)
4. _____ is a synthetic fibre. (cotton, rayon)
5. Water changes to ice on _____. (heating, cooling)

UNDERSTANDING

IV. State whether true or false. 3

1. Noon is the hottest part of the day.
2. Sand is soluble in water.
3. Dirty clothes make us look smart.

V. Give reasons. 6

1. The smell of a perfume spreads very quickly from one

corner of the room to the other.

2. If the earth stops rotating on its axis, what kind of changes would you expect?
3. When we throw a stone upwards, it finally comes down to earth.

VI. Match the following. 3

- | | |
|---------------------------------|---------------|
| 1. Settle down heavy impurities | rainy season |
| 2. Water proof material | summer |
| 3. Adding chlorine | plant fibre |
| 4. Silkworm | sedimentation |
| 5. Clothes dry faster | chlorination |
| 6. Jute | silk |

VII. Answer in one sentence. 3

1. What kind of energy is obtained from
a) solar cells? b) wind mill? c) water falls?
2. Revolution of the earth causes seasons. Can you state the other factor that causes season?
3. Air, chair, table etc are examples of matter. Mention the smallest particle by which these matters are made up of.

VIII. Answer the following in 2 or 3 sentences. 10

1. Why do we need clothes?
2. How do simple machines help us?
3. How can water be purified?
4. Which is the ultimate source of energy? How do we trap solar energy?
5. How is hail different from frost?

SCIENTIFIC SKILL

IX. Draw and label the different layers of the earth. 4

X. Arrange the following names in each column. 6

(stone, milk, oxygen, juice, carbondioxide, ice-cubes)

Solids	Liquids	Gases