

AMRITA VIDYALAYAM

ANNUAL EXAMINATION 2017 - '18

Std : IV

Marks : 50

Time : 2 hrs

SCIENCE

KNOWLEDGE

I. Fill in the blanks. 5

1. The process of changing of liquid water into water vapour is known as _____.
2. _____ are small heavenly bodies that revolve around planets.
3. _____ is anything that occupies space and has weight.
4. The force by which the earth pulls an object towards it is called _____.
5. We wear thick and warm clothes in _____ season.

II. Name the following. 5

1. Two natural fibres.
2. The three states of matter.
3. The largest and the fastest spinning planet.
4. The process of adding chlorine.
5. The source of energy from hot interior of earth.

III. Choose the correct answer. 5

1. This energy comes from the splitting of an atom.
(solar, atomic, wind)
2. _____ has a fixed shape. (stone, water, air)
3. The sun is a _____. (constellation, planet, star)
4. Changes in the weather are caused primarily due to _____.
(clouds, rain, sun)
5. A patient's clothes should be _____.
(ironed, disinfected, wetted)

UNDERSTANDING

- IV. Write true or false.** **3**
1. We should wear cotton clothes during hot weather.
 2. The planets twinkle like stars.
 3. A pulley is made from a screwdriver and a pedal.
- V. Give reasons.** **6**
1. Soldiers wear uniforms made of tough materials.
 2. We store liquids in containers.
 3. When we throw a stone upwards, it comes down to the earth.
- VI. Match the following.** **3**
- | | |
|---------------|----------------|
| 1. silk | definite shape |
| 2. sun | India |
| 3. solid | solar energy |
| 4. saree | wind |
| 5. our galaxy | natural fibre |
| 6. moving air | milkyway |
- VII. Answer in one sentence.** **3**
1. What kind of energy is obtained from
a) solar cells? b) wind mill? c) water falls?
 2. Air, chair, table etc are examples of matter. Mention the smallest particle by which these matters are made up of.
 3. Revolution of the earth causes seasons. Can you state the other factor that causes season?
- VIII. Answer in two or three sentences.** **10**
1. How do simple machines help us?
 2. Differentiate between a star and a planet.
 3. How can water be purified?
 4. How should we store clothes?
 5. Condensation results in the formation of hail and dew. Distinguish between hail and dew.

SCIENTIFIC SKILL

IX. Arrange the following names in each column.

6

(rayon, pulley, water, wedge, polyester, milk)

Synthetic fibres	Simple machines	Liquids

X. Fill in the boxes with the given clues.

4

WHO AM I?

1. I am called morning or evening star.

V S

2. I am a breeze flowing from sea to land.

E B

3. I can exist in three forms.

A R

4. I am the red planet.

M