

AMRITA VIDYALAYAM

HALF YEARLY EXAMINATION 2017 - '18

Class : V

Marks : 50

Time : 2 hrs

SCIENCE

KNOWLEDGE

I. Fill in the blanks. 5

1. The development of seed into seedlings is called _____.
2. Dolphin breathe with the help of _____.
3. Backbone is made up of _____ small bones.
4. Deficiency of _____ in the body causes goiter.
5. Largest part of the brain is called _____.

II. Choose the correct answer from the brackets. 5

1. Plants which need sandy soil to grow well are _____.
(jowar and bajra, wheat and gram, rice and jute)
2. Malaria is caused by _____.
(bacteria, protozoa, virus)
3. Muscles which are attached to the bones with fibres is called _____.
(ligaments, tendons, bone marrow)
4. Frogs have _____ to swim.
(fins, webbed feet, paddle-like limbs)
5. Blinking of eyes is an example of a _____.
(voluntary action, reflex action, involuntary action)

III. Name the following. 5

1. Chemicals used for destroying pests.
2. Disease caused by vitamin B1.
3. Breathing organ of earth worm.
4. Joint which allows maximum movement.
5. The coloured circle inside the eye.

UNDERSTANDING

- IV. State true or false.** **5**
1. Bacteria cause chickenpox.
 2. The blood of insects does not contain haemoglobin.
 3. An adult human has 206 bones.
 4. Rice is an example of dicot seeds.
 5. Brain is the control centre of the human body.
- V. Match the following.** **2**
- | | |
|------------|---------------|
| 1. Maize | bacteria |
| 2. Tadpole | hinge joint |
| 3. Typhoid | monocot seeds |
| 4. Knee | gills |
- VI. Give reasons.** **3**
1. Most birds use their wings to fly. But some kinds of birds are unable to fly.
 2. Tea plants can't grow in Rajasthan.
- VII. Distinguish between.** **4**
1. Sensory nerves and motor nerves.
 2. Organ of feeding of carnivores and herbivores.
- VIII. What do you understand by the following terms?** **5**
- | | |
|-----------------------|-------------------|
| 1. Dispersal of seeds | 2. Pasteurization |
| 3. Bone marrow | 4. Rodents |
| 5. Mixed nerves | |
- IX. Answer briefly.** **6**
1. Why must seeds be dispersed? What are the agents of dispersal?
 2. Arun was having difficulty in seeing things in dim light. Doctor tested his eyesight and prescribed a particular vitamin supplement. He also advised him to include certain items in his diet.
a) Which deficiency disease is he suffering from?

- b) Which food component may be lacking in his diet?
 c) Suggest at least two food items that he should include in his diet.

SCIENTIFIC SKILL

X. Find out the odd one. 2

- cotton seed, madar seed, hiptage seed, coconut
- fish, birds, whales, dolphins

XI. Fill the blanks with the right word. 3

Nutrient	Deficiency Disease	Symptoms
Vitamin A	_____	Patient cannot see in dimlight
_____	Rickets	Bones become soft
Iodine	_____	_____
Vitamin C	Scurvy	_____
_____	Anaemia	Haemoglobin in the blood becomes low.

XII. Fill in the grids with the help of given clues. 5

Across

- It is attached to the backbone, made up of 22 bones.
- Right soil, warmth, enough air and water are necessary conditions for the growth of.

Down

- The soil which is suitable to cotton plant.
- Breathing organ of humans.
- It cause diseases like polio, cold, etc.

