

Quarterly Examination 2017-2018

Std. : V
Subject : Science

Full Marks : 80
Time : 2hrs.+15min.

Q1. Fill in the blanks : (Do not copy the questions) — [10]

- (a) A snail has a _____ to protect itself from enemies.
- (b) The joints in the skull are called _____ joints.
- (c) When a bone in the body breaks or cracks, it is called a _____
- (d) _____ is the immediate help given to a sick or an injured person.
- (e) Our heart is made of _____ muscles.
- (f) The backbone is also known as the _____.
- (g) An earthworm breathes through its _____.
- (h) Small animals with sharp front teeth are called _____.
- (i) The bone in the upper arm is called _____.
- (j) _____ clothes catch fire easily.

Q2. Name the following (Write only answers) — [10]

- (a) A disease caused in humans due to the bites of infected animals such as dogs and monkeys.

- (b) Soft spongy tissue inside the bones where new blood cells are formed_____.
- (c) The smallest bone in the human body_____.
- (d) A joint found between the skull and the backbone_____.
- (e) A special substance in blood that carries oxygen to all parts of the body_____.
- (f) A long, thin tube that butterflies have to suck nectar from flowers_____
- (g) A special device containing water or some other substances that can be used for putting out fire _____.
- (h) Sharp needle like spines on the body of a porcupine_____
- (i) Birds that hunt while flying at a height_____.
- (j) Tissue that holds the bones together_____.

Q3. Differentiate between the following : [8]

- (a) Pectoral girdle and pelvic girdle
- (b) Voluntary muscles and involuntary muscles.

- (c) Tendons and ligaments.
- (d) Sprain and fracture.

Q4. Match the following : (Make pairs and rewrite)

[10]

- | | |
|---|--|
| (a) spiracles | (i) wrists and ankles. |
| (b) gliding joint | (ii) help a bird to fly. |
| (c) smooth muscles | (iii) talons |
| (d) femur | (iv) the process by which animals change colour. |
| (e) sternum | (v) a long bone in the front of ribcage. |
| (f) sharp, curved claws of eagles. | (vi) migration |
| (g) burns | (vii) ice-pack |
| (h) camouflage | (viii) Involuntary muscles. |
| (i) feathers | (ix) thigh bone |
| (j) the large scale movement of animals | (x) small holes on an insects' body. |

Q5. Give two examples of each :—

[10]

- (a) arboreal animals : _____ , _____
- (b) Animals that have shell on their bodies. _____ , _____
- (c) Herbivores _____ , _____ .
- (d) flightless birds : _____ , _____
- (e) animals that live in water and breathe through lungs _____ , _____

Q6. Give reasons :

[7]

- (a) The last two pairs of ribs are called floating ribs. Why ?
- (b) Voluntary muscles are also called striped muscles. Why ?
- (c) If a snake bites some-one, do not move the victim. Why ?
- (d) A person who meets with an accident should be given first aid. Why ?
- (e) African antelopes migrate in large numbers. Why ?
- (f) Cardiac muscles do not get tired. Why ?
- (g) An ice pack is applied on the nose in case of nose bleeding. Why ?

Q7. Answer the following questions :

[14]

- (a) Write three functions of a skeletal system.

[3]

- (b) How can poisoning be prevented ? (3 points) [3]
- (c) What are the special features present in birds that help them fly ? [3]
- (d) Write three safety rules to prevent fires. [3]
- (e) Name the four types of movable joints. [2]

Q8. Write True or False :—

- (a) Animals that live in water are called amphibians_____
- (b) Front legs in animals are called hindlimbs_____
- (c) The joints in the skull are called immovable joints._____
- (d) Gliding joint is found in our fingers_____
- (e) Lighters are safer than matchsticks_____
- (f) The victim of a snake bite should be moved vigorously_____

Q9. Draw and label the structure of a bone.

[5]

Downloaded From www.icseboard.org