

Board- ICSE	Std- 7 <sup>th</sup>	Topic- Classification of animals
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**. Q.1 Fill in the blanks.**

1. \_\_\_\_\_ do not have a backbone, while vertebrates have it.
2. Cnidarians have \_\_\_\_\_ symmetrical body.
3. \_\_\_\_\_ and liver fluke live in the intestines of human beings and cattle.
4. \_\_\_\_\_ are considered as farmers' friend of farmers.
5. Annelids have special organs of excretion called \_\_\_\_\_.
6. \_\_\_\_\_ live in the digestive tract of many vertebrates including human beings.
7. Most arthropods have a tough outer body covering called \_\_\_\_\_

**Q.2 Select the most appropriate answer.**

1. The finger-like structures present around the mouth of cnidarians are called

a. pseudopodia.

**b. tentacles.**

c. spines.

d. bristles.

2. Organs of excretion in annelids are

a. gills.

**b. nephridia.**

c. suckers

d. lungs.

3. Annelids have a

a. soft, unsegmented, bilaterally symmetrical body.

b. soft, cylindrical, segmented, bilaterally symmetrical body.

**c. soft, segmented, bilaterally symmetrical body.**

d. soft, segmented, laterally symmetrical body.

4. Scorpions and spiders are

a. crustaceans.

**b. arachnids,**

c. myriapods.

d. insects.

5. The body temperature of warm-blooded animals
  - a. keeps fluctuating.
  - b. changes according to the temperature of the environment.
  - c. does not change with the change in the temperature of the environment.**
  - d. decreases when the temperature of the environment increases.
  
6. Bones with large air cavities are present in
  - a. cnidarians.
  - b. fish.
  - c. annelids.
  - d. birds.**
  
7. Milk in the body of mammals is produced by
  - a. sweat glands.
  - b. salivary glands,
  - c. mammary glands.**
  - d. none of these

### **Q.3 D. Differentiate between**

1. flatworms and roundworms
2. insects and crustaceans
3. amphibians and pisces
4. aves and mammals
5. radially symmetrical and bilaterally symmetrical body
6. warm-blooded and cold-blooded animals.

### **Q.4 State if the following statements are true or false. Correct the statement if it is false.**

1. A tapeworm is a flatworm that lives in the human intestine.
2. Arthropods have a soft, outer covering called endoskeleton.
3. Insects belong to the amphibian group of animals
4. Fish have fins, scales and they breathe through gills.
5. Reptiles have a scaly skin. They lay eggs with a hard shell and are warm-blooded animals

### **Q.5 Find the odd one out. Give reasons.**

1. ant, cockroach, spider, dragonfly
2. frog, shark, seahorse, carp
3. snail, oyster, earthworm, octopus
4. snake, alligator, eel, turtle
5. sea urchin, starfish, brittle star, jellyfish

6. jellyfish, Hydra, sea anemone, butterfly

Q.6 What are invertebrates ?

Q.7 (a) What do you mean by radially symmetrical body ? (b) Give two examples of Platyhelminthes.

Q.8 Name the special organs of excretion in annelids ?

Q.10 What is an exoskeleton ? How is it different from a backbone ?

Q.11 Write two examples of myriapods.

Q.12 How are the bones of birds different from those of other vertebrates ?

Q.13 Write a short note on annelids.

Q.15 Name the different classes of arthropods. Write one characteristic feature of each class.