

Time : 1 hour 30 Minute

STD 9 Science
Chapter Based Test

Total Marks : 50

section A

* Choose the correct option from the given options [7]

- Comb jellies belong to:
(A) Scyphozoa. (B) Hydrozoa. (C) Ctenophora. (D) Both (a) and (b).
- In angiosperms:
(A) Xylem possess vessels. (B) Phloem has sieve tubes and companion. (C) Flowers are reproductive structures. (D) All the above.
- A very long sticky tongue and ability to change colour occurs in:
(A) Garden lizard. (B) Chamaelon. (C) Python. (D) King cobra.
- _____ is used for moving around by molluscs.
(A) Coelom (B) Fins (C) Foot (D) Wings
- Pick out the incorrect statement.
(A) All chordates have notochord some state of life. (B) Birds have a streamlined body to reduce resistance during flight. (C) Whale represents a huge class of fishes (or Pisces). (D) A true coelom is derived from the mesoderm whereas pseudocoelom is not lined by mesoderm.
- Karl Von Linne was involved with which branch of science?
(A) Morphology. (B) Taxonomy. (C) Physiology. (D) Medicine.
- Hard calcium carbonate structures are used as skeleton by:
(A) Echinodermata. (B) Protochordata. (C) Arthropoda. (D) Nematoda.

* Fill in the blank with correct answer [3]

- Fill in the blanks.
Basic smallest unit of classification is _____.
- Eumetazonas have proper differentiation into tissues and _____.
- Ferns are example of _____.

* Do as directed [3]

- Scientific name is related to classification. What information does it provide?
- do gymnosperms and angiosperms differ from each other?
- What is species?

section B

*** Answer the Questions in brief**

[10]

1. Write scientific name of one animal and one plant.
2. Name two countries that are centres of megadiversity.
3. What is the type of echinoderms?
4. Classify the following seeds into dicot and monocot: wheat, maize, bean, gram.
5. The cell wall of different organisms differ. Is it true?

section C

*** Answer the Questions in detail**

[12]

1. You are provided with the seeds of gram, wheat, rice, pumpkin, maize and pea. Classify them whether they are monocot or dicot.
2. Why whales are not grouped in the fishes?
3. Which organisms are called primitive and how are they different from the so-called advanced organisms?
4. Both bacteria and Amoeba are single-celled, yet are placed in different kingdoms. Give one reason.

section D

*** Answer the Questions in detail [5 marks each]**

[15]

1. Name major phyla of Animal kingdom. Write down one character and one example of each of them.
2. With the help of flow chart depict five kingdoms classification.
3. Describe general characters, classification and example of old division Spermatophyta.

॥ ज्ञानं एव श्रमस्य पुंजः ॥