



Diversity in Living Organisms

Multiple Choice Questions

Question 1.

Mammals are:

- (a) warm-blooded
- (b) cold-blooded
- (c) both
- (d) none of them

▼ [Answer](#)

Answer: (a) warm-blooded

Question 2.

Reptiles are:

- (a) warm-blooded
- (b) cold-blooded
- (c) both
- (d) none of them

▼ [Answer](#)

Answer: (b) cold-blooded

Question 3.

The book 'Systema Naturae' was written by:

- (a) Carolus Linnaeus
- (b) Whittaker
- (c) Haeckel
- (d) None of them

▼ [Answer](#)

Answer: (a) Carolus Linnaeus

Question 4.

How many research papers of Carolus Linnaeus were published on classification?

- (a) 12
- (b) 13
- (c) 14
- (d) 16

▼ [Answer](#)

Answer: (c) 14

Question 5.

Which among the following produce seeds?

- (a) Thallophyta
- (b) Bryophyta
- (c) Pteridophyta
- (d) Gymnosperms

▼ [Answer](#)

Answer: (d) Gymnosperms

Question 6.

Who proposed the nomenclature system of living organisms first of all?

- (a) Robert Hooke
- (b) Carolus Linnaeus
- (c) Leeuwenhoek
- (d) Schleiden

▼ [Answer](#)

Answer: (b) Carolus Linnaeus

Question 7.

Who is considered the father of taxonomy?

- (a) Carolus Linnaeus
- (b) Robert Hooke
- (c) Leeuwenhoek
- (d) Schleiden

▼ [Answer](#)

Answer: (a) Carolus Linnaeus

Question 8.

Which one is a true fish?

- (a) Jellyfish
- (b) Starfish
- (c) Dogfish
- (d) Silverfish

▼ [Answer](#)

Answer: (c) Dogfish

Question 9.

Which among the following have an open circulatory system?

- (i) Arthropoda
- (ii) Mollusca

- (iii) Annelida
- (iv) Coelenterata
- (a) (i) and (ii)
- (b) (iii) and (iv)
- (c) (i) and (iii)
- (d) (ii) and (iv)

▼ [Answer](#)

Answer: (a) (i) and (ii)

Question 10.

Gymnosperms are kept under:

- (a) Algae
- (b) Bryophyta
- (c) Tracheophyta
- (d) None of them

▼ [Answer](#)

Answer: (c) Tracheophyta

Question 11.

Which among the following have scales?

- (i) Amphibians
- (ii) Pisces
- (iii) Reptiles
- (iv) Mammals
- (a) (i) and (iii)
- (b) (iii) and (iv)
- (c) (ii) and (iii)
- (d) (i) and (ii)

▼ [Answer](#)

Answer: (c) (ii) and (iii)

Question 12.

The amphibian animal is:

- (a) Fish
- (b) Frog
- (c) Lizard
- (d) Bat

▼ [Answer](#)

Answer: (b) Frog

Question 13.

Identify a member of Porifera:

- (a) Spongilla
- (b) Euglena
- (c) Penicillium
- (d) Hydra

▼ [Answer](#)

Answer: (a) Spongilla

Question 14.

Two chambered heart occurs in:

- (a) crocodiles
- (b) fish
- (c) aves
- (d) amphibians

▼ [Answer](#)

Answer: (b) fish

[Fill in the Blanks.](#)

Question 15.

In Amoeba, locomotory organs are _____

▼ [Answer](#)

Answer: pseudopodia

Question 16.

Locomotory organs of Euglena are _____

▼ [Answer](#)

Answer: flagella

Question 17.

Locomotory organs are not found in _____ types of protozoa.

▼ [Answer](#)

Answer: sporozoan

Question 18.

Locomotory organs of paramecium are _____

▼ [Answer](#)

Answer: cilia

[True/False.](#)

Question 19.

Charles Darwin first described the idea of natural selection in 1859 in his book, "The origin of species."

▼ [Answer](#)

Answer: True

Question 20.

Whittaker proposed a five kingdom classification.

▼ [Answer](#)

Answer: True

Question 21.

Tropical regions of the earth, between the tropic of cancer and the tropic of Capricorn, are rich in diversity of plants and animals.

▼ [Answer](#)

Answer: True

Question 22.

An earthworm is a unisexual animal.

▼ [Answer](#)

Answer: False

Question 23.

Monera is divided into Archaeobacteria and Eubacteria.

▼ [Answer](#)

Answer: True

Question 24.

Blue-green algae belong to the kingdom Protista.

▼ [Answer](#)

Answer: False

Question 25.
Starting from class, species come before the Genus.

▼ [Answer](#)

Answer: False

Question 26.
All prokaryotes are classified under Monera.

▼ [Answer](#)

Answer: True

Question 27.
The cockroach is an example of class Insecta.

▼ [Answer](#)

Answer: True

Question 28.
Whale fish is not a mammal.

▼ [Answer](#)

Answer: False

Question 29.
The word Porifera means animals with holes.

▼ [Answer](#)

Answer: True

Question 30.
Molluscs have an open circulatory system and kidney like organs for excretion.

▼ [Answer](#)

Answer: True

Question 31.
Kangaroos give birth to underdeveloped young ones which are nurtured in a bag attached to their abdomen.

▼ Answer

Answer: True

Question 32.

In binomial nomenclature, the first name represents the species, and the second represents the genus.

▼ Answer

Answer: False

Match the Column.

Question 33.

A	B
1. Naked seed	(i) Angiosperms
2. Covered seed	(ii) Gymnosperms
3. Flagella	(iii) Bryophytes
4. Marchantia	(iv) Euglena
5. Marsilea	(v) Thallophyta
6. Cladophora	(vi) Pteridophyta
7. Penicillium	(vii) Fungi

▼ Answer

Answer:

A	B
1. Naked seed	(ii) Gymnosperms
2. Covered seed	(i) Angiosperms
3. Flagella	(iv) Euglena
4. Marchantia	(iii) Bryophytes
5. Marsilea	(vi) Pteridophyta
6. Cladophora	(v) Thallophyta
7. Penicillium	(vii) Fungi

Question 34.

A	B
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1. Kingdom Monera	(i) Rhizopus
2. Kingdom Protista	(ii) Earthworm
3. Kingdom Plantae	(iii) Amoeba
4. Kingdom Fungi	(iv) Bacteria
5. Kingdom Animalia	(v) Algae

▼ [Answer](#)

Answer:

A	B
1. Kingdom Monera	(iv) Bacteria
2. Kingdom Protista	(iii) Amoeba
3. Kingdom Plantae	(v) Algae
4. Kingdom Fungi	(i) Rhizopus
5. Kingdom Animalia	(ii) Earthworm

[Answer in one Word/Sentence.](#)

Question 35.

What is the basic unit of classification?

▼ [Answer](#)

Answer: Species

Question 36.

In which kingdom will you place an organism which is single-celled, eukaryotic, and photosynthetic?

▼ [Answer](#)

Answer: In Protista

Question 37.

Write the scientific name of a human being.

▼ [Answer](#)

Answer: Homo sapiens

Question 38.
Who gave the 5-kingdom classification?

▼ [Answer](#)

Answer: R. Whittaker

Question 39.
The 'Origin of Species' is written by:

▼ [Answer](#)

Answer: Charles Darwin

Question 40.
Name the locomotory organs of starfish.

▼ [Answer](#)

Answer: Tube feet

Question 41.
Which is the largest group of animals?

▼ [Answer](#)

Answer: Arthropoda

Question 42.
How many chambers are there in heart of aves?

▼ [Answer](#)

Answer: Four

Question 43.
Who is the father of Binomial Nomenclature?
or
Who is the father of Taxonomy?

▼ [Answer](#)

Answer: Carolus Linnaeus

Question 44.
How many chambers are there in the crocodile's heart?

▼ [Answer](#)

Answer: Four Chambers

Question 45.

In which animal does locomotion occur by pseudopodia?

▼ [Answer](#)

Answer: Amoeba

Question 46.

How many chambers are there in the reptile's heart?

▼ [Answer](#)

Answer: Three chambers (Incompletely four chambers)

Question 47.

Give the name of the locomotory organ of Euglena.

▼ [Answer](#)

Answer: Flagella
