

Paper 1

Answer **all** questions. Each question is followed by four options, **A, B, C** and **D**. For each question, choose **one** answer only.

1. Choose the **correct** match of animal with its respiratory organ.

	<i>Animal</i>	<i>Respiratory organ</i>
A	Crocodile	Gills
B	Lizard	Skin
C	Whale	Lungs
D	Snake	Gills

2.

- Non-woody stem
 - Fibrous roots
 - Parallel veins leaves

Which of the following plants has the above characteristics?

- A** Mango tree
- B** Durian tree
- C** Balsam plant
- D** Sugarcane plant

3. The body temperature of an animal is influenced by the temperature of its surroundings. Which of the following animals has this characteristic?

- A** Bat
- B** Crocodile
- C** Dolphin
- D** Cow

4. Which of the following plants has fibrous roots?

- A** Durian tree
- B** Balsam plant
- C** Rambutan tree
- D** Oil palm tree

5. A turtle that is caught in a fishing net under the water will drown because

- A** it is strangled by the net
- B** its gills are blocked by the net

- C it needs to swim to breathe through its gills
- D it needs to swim to the surface to breathe in air into its lungs

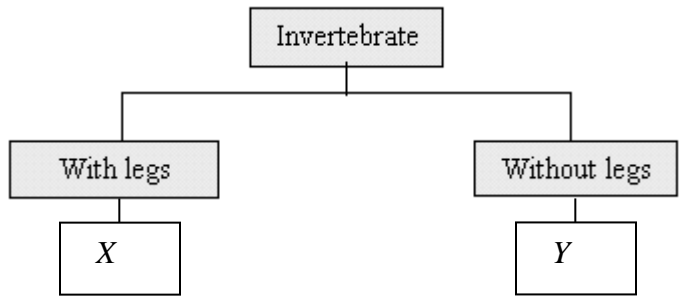
6.

- Cold blooded
- Moist and exposed skin
- External fertilisation

Which animal belongs to the class of animals having the above characteristics?

- A Frog
- B Lizard
- C Snake
- D Anteater

7.



The diagram above shows the classification of invertebrate. Which of the following animals can be classified **correctly** into groups X and Y?

- | <i>X</i> | <i>Y</i> |
|---------------|----------|
| A Lobster | Starfish |
| B Jellyfish | Crab |
| C Spider | Beetle |
| D Caterpillar | Bee |

8.

- With chlorophyll
- Monocotyledon

Which of the following plants shows the above characteristic?

- A Balsam plant
- B Coconut tree
- C Moss
- D Fern

9. Which of following is the characteristic of a monocotyledon plant?
- A Leaf with network veins
 - B Has tap root
 - C Seed with one cotyledon
 - D Seed with two cotyledons

10.



The plants shown in the diagram above belong to the class of

- A algae
- B ferns
- C dicotyledons
- D fungi

11. Choose the **correct** match of organisms with their habitats.

	Organism	Habitats
I	Earthworm	Damp soil
II	Camel	Desert
III	Toad	Sea

- A I and II only
- B I and III only
- C II and III only
- D I, II, and III

12. Which of the following animals are vertebrates?

- A Chicken, toad, spider
- B Prawn, starfish, crab
- C Toad, bat, eel
- D Snake, eel, prawn

13. Among the following animals, which reproduce(s) by laying eggs?

- I Deer
- II Lizard

III Whale

- A II only
- B I and II only
- C II and III only
- D I, II, and III

14.

- | |
|---|
| <ul style="list-style-type: none">• Fern• Moss• Seaweed |
|---|

Based on the plants listed above, what are their common characteristics?

- I** Have chlorophyll
- II** Make own food
- III** Do not produce flower

- A I only
- B I and II only
- C II and III only
- D I, II, and III

15. Which of the following characteristics can be found on a snake but **not** on a penguin?

- I** Lays eggs
- II** Has lungs
- III** Cold-blooded

- A III only
- B I and II only
- C II and III only
- D I, II, and III

16. Among the following animals, which is a mammal?

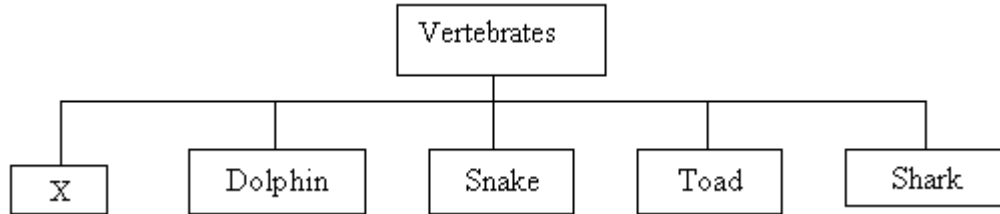
- A Tortoise
- B Bat
- C Crocodile
- D Frog

17. Which of the following non-flowering plants does **not** have chlorophyll?

- A Fern
- B Moss

- C Mushroom
- D Spirogyra

18.



Each of the animals above represents a class of vertebrates. Which of the following animals belongs to class X?

- A Penguin
- B Crocodile
- C Whale
- D Eel

19.

- Lizard
- Duck
- Rabbit

All the animals shown above can be classified into a group based on the

- A method of reproduction
- B type of blood
- C habitat
- D breathing organ

20. Animal X is warm-blooded but lays eggs. Which of the following is **true** about animal X?

- A Body covered with hair
- B Legs covered with dry scales
- C Has sweat glands
- D Has mammary glands

Paper 2

Answer the question.

The figure below shows diagrams of animals P, Q, R and S.



P



Q



R



S

Observe the animals in the figure above.

Based on your observations,

(a) state **one** characteristic of animals P, Q, R and S.

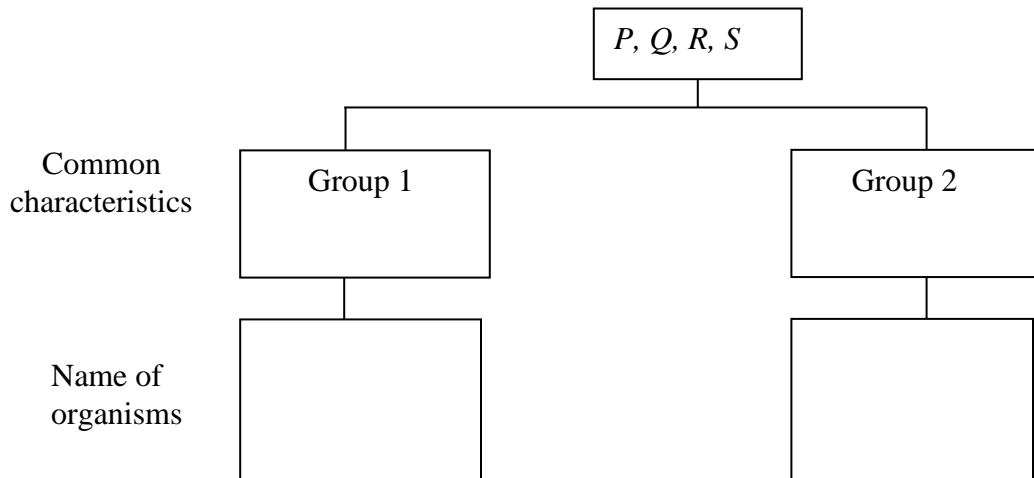
P: _____

Q: _____

R: _____

S: _____

(b) Classify animals P, Q, R and S in the figure above into two groups based on **common characteristics**. Name the animals belonging to each group.



Answers:

Paper 1

1	C	11	A
2	D	12	C
3	B	13	A
4	D	14	D
5	D	15	A
6	A	16	B
7	A	17	C
8	B	18	A
9	C	19	D
10	D	20	B

Paper 2

- (a) *P*: Has a shell
Q: Has dry scales
R: Has legs
S: Has legs
- (b) Group 1: Does not have legs; Snail; Snake
Group 2: Has legs; Cockroach; Frog