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.

<table>
<thead>
<tr>
<th>Animal</th>
<th>Respiratory organ</th>
</tr>
</thead>
<tbody>
<tr>
<td>A Crocodile</td>
<td>Gills</td>
</tr>
<tr>
<td>B Lizard</td>
<td>Skin</td>
</tr>
<tr>
<td>C Whale</td>
<td>Lungs</td>
</tr>
<tr>
<td>D Snake</td>
<td>Gills</td>
</tr>
</tbody>
</table>

2. Which of the following plants has the above characteristics?

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

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. Invertebrate
   With legs
       X
   Without legs
       Y

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

X
A  Lobster
B  Jellyfish
C  Spider
D  Caterpillar

Y
A  Starfish
B  Crab
C  Beetle
D  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 the 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.

<table>
<thead>
<tr>
<th></th>
<th>Organism</th>
<th>Habitats</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>Earthworm</td>
<td>Damp soil</td>
</tr>
<tr>
<td>II</td>
<td>Camel</td>
<td>Desert</td>
</tr>
<tr>
<td>III</td>
<td>Toad</td>
<td>Sea</td>
</tr>
</tbody>
</table>

   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. 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
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.

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

<p>| | | | |</p>
<table>
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<tbody>
<tr>
<td>1</td>
<td>C</td>
<td>11</td>
<td>A</td>
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<td>9</td>
<td>C</td>
<td>19</td>
<td>D</td>
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<tr>
<td>10</td>
<td>D</td>
<td>20</td>
<td>B</td>
</tr>
</tbody>
</table>

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