Primary 6 Science
Semester 2 Topical Test 1 Adaptations

Name : _____ **Marks** : _____ / 20
Class : _____ **Parent's Signature** : _____
Date : _____ **Duration** : 30 minutes

STRUCTURED QUESTIONS

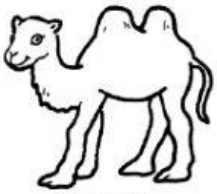
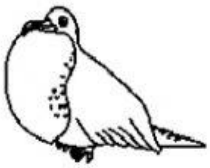
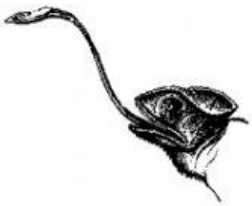
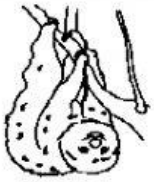
Read the questions carefully and write your answer in the space provided below.

1. Describe the habitat of each animal, mention the factors of the environment of each habitat (the temperature, the amount of sunlight, the moisture, the existence of other living things, the amount of water). (2)

Animal Characteristics	Habitat
• Its fins allow it to crawl over mud. • It is able to breathe in water and on land. • Its large eyes poke out above water to look out for predator.	
• Its large eyes can see in low light. • It has a tip with luminous flesh as a bait to its prey. • It cannot swim fast due to its large head and roundish body. • They are dark in colour which help them to blend with their environment.	

LIVEWORKSHEETS

2. a. Study the table below. Suggest how the adaptation help the animal to survive in its environment, by completing the table. (4)

Animal	Adaptation	How the adaptations help the animal to survive
 Camel	Sweat and urinate very little.	
 Male frigate bird	Puffs out its red throat sac during mating season.	
 Chameleon	Have sticky tongues.	
 Sloth	Move very slowly and found hanging on trees most of the time.	

b. According to the table, which animal shows: (2)

(i) behavioral adaptation: _____

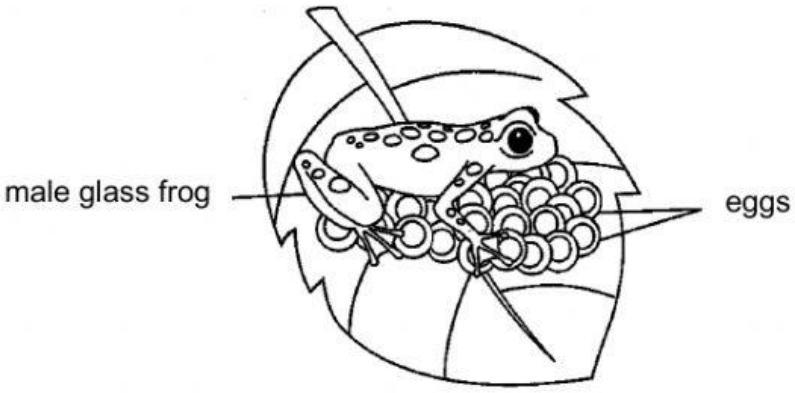
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(ii) structural adaptation: _____

_____

LIVEWORKSHEETS

3. The diagram below shows a male glass frog with its eggs on a leaf.



a. Identify one behavioral and one structural adaptation of male glass frog and explain how it helps protecting against predator. (4)

Behavioral adaptation:

_____

_____

Structural adaptation:

_____

_____

b. The eggs hatch into tadpoles which live in water. State one structural adaptation of tadpoles which helps them to:

(i) Breathe in water (0.5)

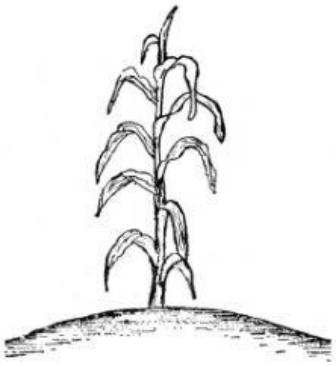
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(ii) Move in water (0.5)

_____

LIVEWORKSHEETS

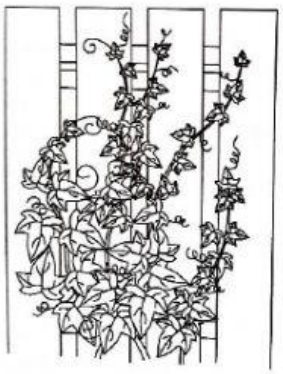
4. Observe the three plants shown below. Describe how the stem of each plant helps it obtain as much sunlight as possible for photosynthesis. (3)



Plant A



Plant B



Plant C

Plant A: _____

_____

_____

Plant B: _____

_____

_____

Plant C: _____

_____

_____

LIVEWORKSHEETS

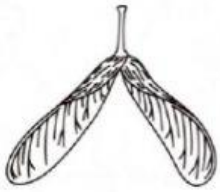
5. Four different fruits, P, Q, R and S, are shown below.



Fruit P



Fruit Q



Fruit R



Fruit S

Write down one characteristic of each fruit that help them disperse their seeds. Suggest the suitable dispersal method based on its characteristic. (4)

Fruits	Characteristics	Dispersal Method
P		
Q		
R		
S		

LIVEWORKSHEETS