

1076 NADI SANGAM SCHOOL

YEAR 8

BASIC SCIENCE

WORKSHEET NO. 1 2021

SECTION A

MULTIPLE CHOICE QUESTIONS

1. Which one of the following adaptive features shown below helps to hold the plant in shallow soil?



- A. Buttress root
B. Camouflage
C. Dormancy
D. Hibernation

2. Ducks have webbed feet, which helps it walk on soft surface. This adaptation can be classified as

- A. Physical adaptation
B. Behavioural adaptation
C. Physiological adaptation
D. Functional adaptation

3. Plants and animals develop special adaptations which helps them to survive in their

- A. Evolution
B. Atmosphere
C. Habitat
D. species

4. Which one of the following is a good practice when doing field study?

- A. Killing the organisms that you see
B. Turning over logs
C. Shouting at the top of your voice
D. respecting the area of study

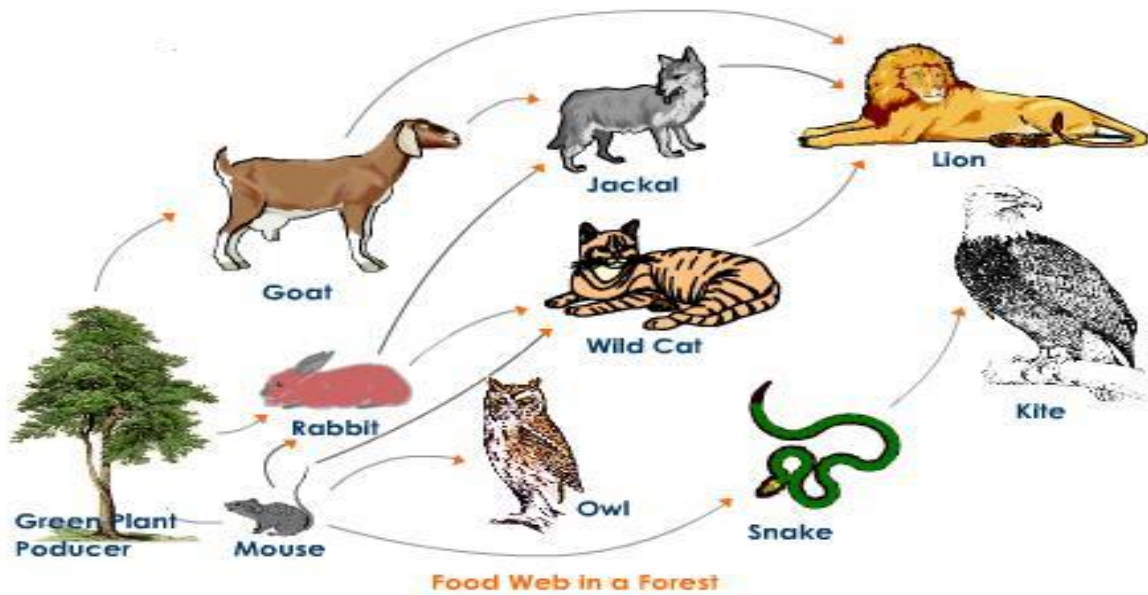
5. Study the food chain drawn below to answer the question

Cabbage \Rightarrow **caterpillar** \Rightarrow **chicken** \Rightarrow **hawk**

Which one of the following is the herbivore in the given food chain?

- A. Caterpillar
B. Chicken
C. Cabbage
D. hawk

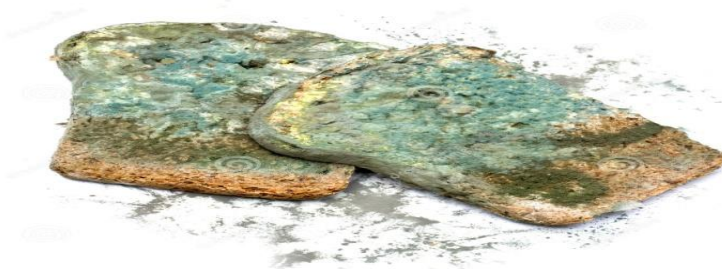
6. Study the picture given below and answer the question.



Which animal is the **top carnivore** in the above food web?

- A. Wild cat
- B. Lion
- C. Goat
- D. Jackal

7. When the population of one the species increases in nature, the available food source becomes less thus
- A. all will survive
 - B. the population will keep on increasing
 - C. the strongest will survive
 - D. all will die
8. Which of the following is **not** a reason for organisms having food preferences?
- A. Ability to digest the food eaten
 - B. Availability of the food source
 - C. Competition for the food source
 - D. appearance of the food source
9. Which one of the following human activities has destroyed the natural ecosystem?
- A. Plan building
 - B. Deforestation
 - C. Afforestation
 - D. Practising conservation
10. A class did the following experiment using bread.



Name the process taking place in the above picture?

- A. decomposition
- B. parasitism
- C. photosynthesis
- D. baking

THE END