

# GENERAL KNOWLEDGE

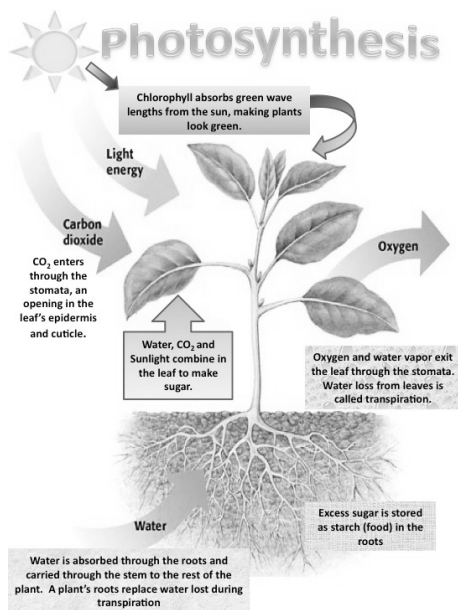
1. World Environment Day occurs on \_\_\_\_\_ every year.

- (1) 5 June (2) 5 Aug  
(3) 8 Sept (4) 5 Feb

2. Radha measured the growth of several bean plants for one month. Which question could she answer by analyzing her results?

- (1) Which plant is a bean plant?  
(2) Do insects help in growth of bean plants?  
(3) When will the plants have flowers?  
(4) How do plants grow?

3. Is photosynthesis an Endothermic Reaction?



- (1) True (2) False  
(3) Don't say (4) None of these

4. What kind of animals are rabbits?

- (1) Carnivores  
(2) Herbivores  
(3) Producers  
(4) None of these



5. Mushrooms are:

- (1) Non-green plants  
(2) Flowering plants

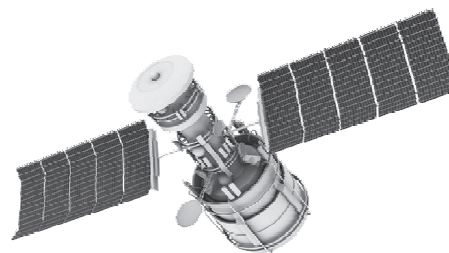
(3) Green plants

(4) Both (1) and (2)

6. Philology is the:

- (1) study of bones  
(2) study of muscles  
(3) study of architecture  
(4) study of languages

7. Satellite launching station is located at



- (1) Sriharikota (Andhra Pradesh)  
(2) Solapur (Maharashtra)  
(3) Salem (Tamil Nadu)  
(4) Warangal (Andhra Pradesh)

8. Plants make food

- (1) During day and night  
(2) During night  
(3) During day  
(4) During evening

9. Small amount of iodine is necessary in our diet to

- (1) prevent pellagra  
(2) compensate for underactive thyroid gland  
(3) stimulate clotting of blood  
(4) stimulate pituitary gland

10. Paleontology is a branch of science that deals with the

- (1) behaviour of animals  
(2) origin and growth of plants  
(3) forms of life as revealed by fossils of animals or plants  
(4) formation of new stars

11. Which of the following changes is caused by removing heat?

- (1) evaporation                      (2) condensation  
(3) melting                              (4) boiling

12. A rock is soft and has layers. The rock is most likely

- (1) sedimentary                      (2) igneous  
(3) metamorphic                      (4) granite


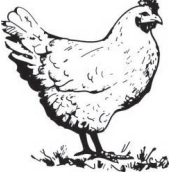

Use the picture below to answer question 13.



13. Which location on the diagram shows the esophagus?

- (1) 1                                      (2) 2  
(3) 3                                      (4) 4

14. Which one of these animals does not lay eggs?

- (1)                       (2)   
(3)                       (4) None of these

15. The longer winter sleep is called

- (1) moulting                              (2) hibernation  
(3) coma                                      (4) none of these

16. The place where animals live is

- (1) Adaptation                              (2) Habitat  
(3) Zoo    (4) None of these

17. Esophagus is also known as

- (1) Wind pipe                              (2) Food pipe  
(3) Both (1) and (2)                      (4) None of these

18. Which invention has been most useful to scientists who study diseases?

- (1) Binoculars                              (2) Microscopes  
(3) Magnifying lenses                      (4) Telescopes

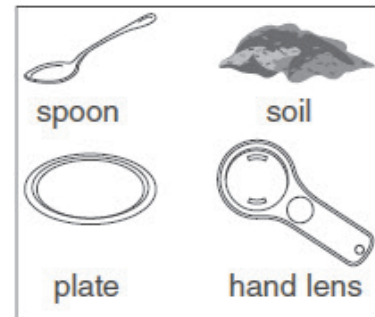
19. Which of these describes the function of a leaf?

- (1) Water absorption                      (2) Food production  
(3) Support                                      (4) Protection

20. Which of the following thing will dissolve in water?

- (1) Sand  
(2) Sugar  
(3) Iron filling  
(4) Plastic

Use the picture below to answer question 21.



21. Rama is using these materials to investigate what soil is made of. Which safety equipment does he needs the most?

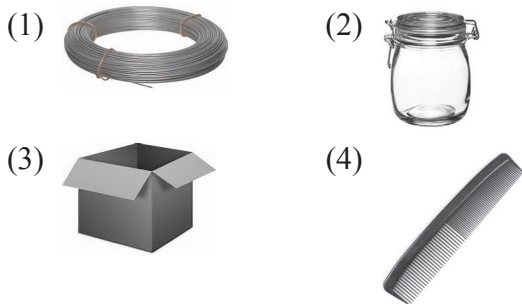
- (1) Goggles                                      (2) Gloves  
(3) Apron    (4) Hair tie

Use the picture below to answer question 22.



22. The student is using a model to answer a question. Which question could the model best answer?
- (1) How many Moons does Jupiter have?
  - (2) What causes day and night?
  - (3) Does Earth have any Moons?
  - (4) Does Earth revolve around the Sun?

23. Which of these products is made from petroleum?



24. When water vapour condenses in air, it forms
- (1) solid
  - (2) gas

- (3) cloud
- (4) shadow

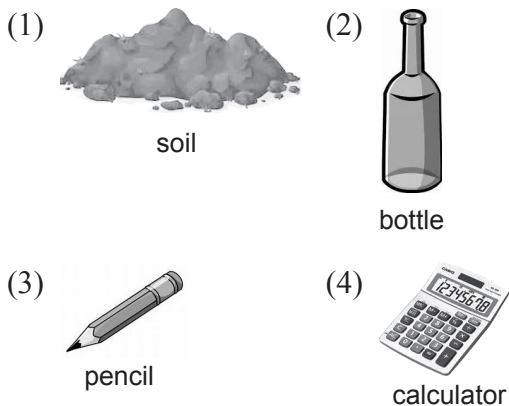
Use the chart below to answer question 25:

Material	Melting Time
Paper	20 minutes
Rubber	35 minutes
Aluminum foil	30 minutes
Cloth	25 minutes

25. Saishta investigated how certain materials insulated ice. She wrapped different materials around ice cubes. Then she recorded the melting times of the ice cubes. According to her results, which material was the best insulator?
- (1) Cardboard
  - (2) Rubber
  - (3) Aluminum foil
  - (4) Cloth

## INTERACTIVE SECTION

26. Which of these contains only natural materials?



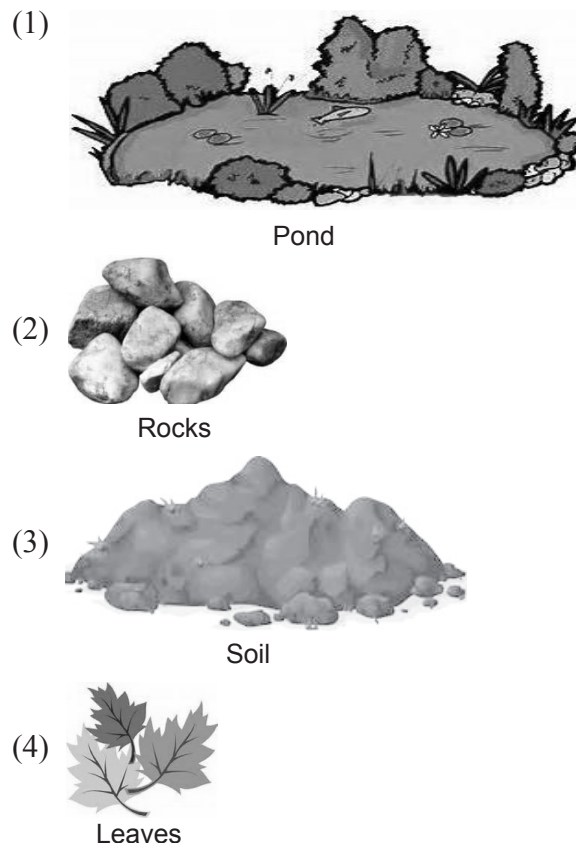
27. Which structures do both bluebirds and elephants have?

- (1) teeth
- (2) lungs
- (3) wings
- (4) hair

28. Ms. Vina wets three papers with different perfumes. How could her students identify the perfumes?

- (1) Smell the papers.
- (2) Touch the papers.
- (3) Weigh the papers.
- (4) Write on the papers.

29. Which of these does a frog most likely need in order to survive?



30. What is the best way to protect endangered animals?

- (1) preserve natural habitats
- (2) build houses
- (3) drain wetlands
- (4) cut down trees

31. Your shadow is at its shortest length of the day. What time of day is it?

- (1) early morning                      (2) late afternoon
- (3) near sunset                        (4) near noon

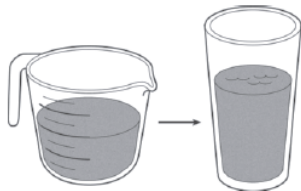
32. Pyorrhoea is a disease of the

- (1) Nose                                  (2) Gums
- (3) Heart                                (4) Lungs

33. O<sub>2</sub> (oxygen) released in process of photosynthesis comes from

- (1) CO<sub>2</sub>                                  (2) Water
- (3) Sugar                                (4) Pyruvic acid

Use the picture below to answer question 34.






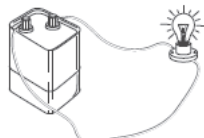
34. Aradhna pours water from a measuring cup into a glass. Which property of the water changes?

- (1) volume                                (2) weight
- (3) texture                                (4) shape





35. Sprouted pulses are:

- (1) Less nutritious                      (2) Not nutritious
- (3) More nutritious                      (4) None of these

36. Which of these best shows mechanical energy?

- (1) 
- (2) 
- (3) 
- (4) 

37. Anita is classifying tiny organisms. Which tool will she use to magnify organisms the most?

- (1) 
- (2) 
- (3) 
- (4) 

38. The blood vessels which carry pure blood are

- (1) Arteries
- (2) Veins
- (3) Both (1) and (2)
- (4) Capillary

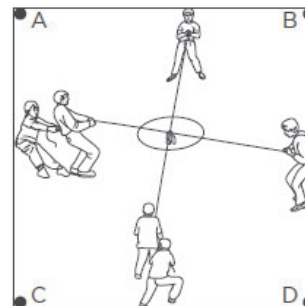
Use the list below to answer question 39.

- soil
  - plants
  - water
  - \_\_\_\_\_
  - \_\_\_\_\_

39. Rajat made a list of things to put in her terrarium. What did she most likely to put in her list?

- (1) praying mantis                      (2) mushroom
- (3) snail                                    (4) snake

Use the diagram below to answer question 40.



40. The diagram shows students playing a tug-of-war game. If each student is pulling with the same force, toward which dot will the flag move?

- (1) dot A                                    (2) dot B
- (3) dot C                                    (4) dot D



**END OF THE EXAM**