

BECE INTEGRATED SCIENCE - 2003 OBJECTIVE TEST - QUESTIONS, PREVIEW

11. Which of the following conditions describes a first class lever?

- A. The load is between the effort and pivot
- B. The pivot is between the effort and the load
- C. The effort is between the pivot and the load
- D. The load arm is equal to the effort arm

12. A man did 75 J work by lifting a 50 N load from the floor on to a shelf. Calculate the height of the shelf.

- A. 0.67 m
- B. 1.50 m
- C. 25.00 m
- D. 125.00 m

13. The lion is a carnivore because it eats

- A. flesh
- B. grass
- C. fruits
- D. uncooked food

14. The structure which helps a fish to breathe under water is the

- A. gill
- B. air sac
- C. operculum
- D. mouth

15. The thorns found on some plants are used for

- A. breathing
- B. protection
- C. absorbing water from the air
- D. resisting bush fires

16. The following characteristic are features of all living things except ability to

- A. bring forth young ones
- B. excrete
- C. grow
- D. move from place to place

17. Which of the following parasites lives on field animals?

- A. Aphid
- B. Plasmodium
- C. Tick
- D. Tapeworm

18. The greatest danger faced by mammals living on land is

- A. becoming too cold
- B. becoming too hot
- C. losing water through evaporation
- D. gaining too much water through absorption

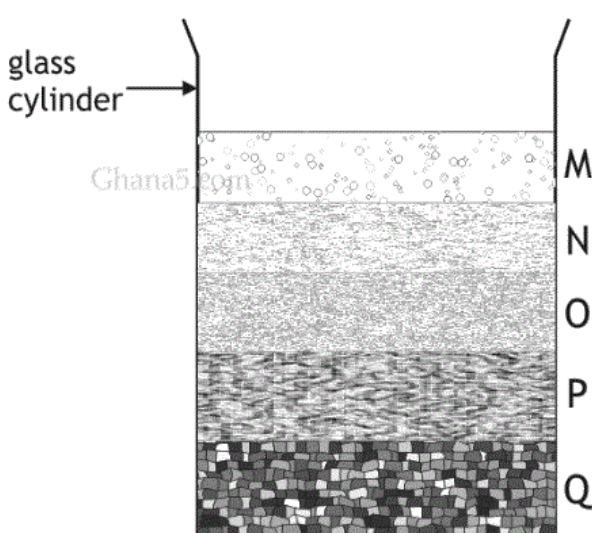
19. The insect responsible for the spread of malaria is the

- A. female anopheles mosquito
- B. housefly
- C. male anopheles mosquito
- D. tsetse fly

20. Which of the following substances is added to the soil to reduce its acidity?

- A. Charcoal
- B. Humus
- C. Lime
- D. Manure

The figure below shows the arrangement of parts of the soil when some soil sample was shaken with water in a glass cylinder and allowed to settle.



Use it to answer questions 21 and 22

21. Which of the labeled layers contains organic matter?

- A. M
- B. N
- C. O
- D. P

22. The layer which does not have the ability to retain much water is

- A. N
- B. O
- C. P
- D. Q

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