BIOLOGY

BOOKS - UNITED BOOK HOUSE

MODEL PAPER 3

Exercise

1. In prokaryotes, mitochondria are absent. Krebs cycle cocurs over

A. Ribosome

B. Plasma membrane

C. Nucleoid

D. Cytoplasm.

Answer:

2. The main difference between Gram positive and negative

A. Ribosome

B. Cell membrane

C. Cell wall

D. Mitochondria

Answer:

Watch Video Solution

3. Which is correct?

A. Orchid has palmate roots

B. Sweet Potato has root tubers

C. Pandamus has still roots

D. All the above.

Answer:

Watch Video Solution

4. In hydroBIOte

A. Root system is well developed

B. Vascular system is well developed.

C. Root system is poorly developed

D. Vascular system is poorly developed.

Answer:

Watch Video Solution

5. Outer covering of epiBIOtic root is -

A. Osmophore

B. Rhizophore

C. Pneumatophore

D. Velamen

Answer:

Watch Video Solution

6. Transition state structure of the substrate formed during an enzymatic reaction is

A. Transient and unstable

B. Permanent but unstable

C. Transient but stable

D. Pemanent & stable.

Answer:

Watch Video Solution

7. The protein component of a holoenzyme is known as

A. Osmosis

B. diffusion

C. co-factor

D. apoenzyme

Answer:

Watch Video Solution

8. A membrane which permits selective movement of molecules through it, is called

A. Permeable membrane

B. Unit membrane

C. Semipermable membrane

D. Impermeable membrane

Answer:

Watch Video Solution

9. DPD is equal to

A. TP-OP

B. OP-TP

C. OP+TP

D. $OP \times TP$

Answer:

Watch Video Solution

10. Which one is not a microelement for plants?

A. Cu

B. Zn

C. Cr

D. B

Answer:

Watch Video Solution

11. If CO_2 concentration in the blood increases the breathing will

A. decrease

B. remain unaffected

C. increase

D. stop.

Answer:

Watch Video Solution

12. The Adam's apple is formed predominantly by which of the following structures?

A. larynx

B. bronchi

C. pharynx

D. oesophagus

Answer:

Watch Video Solution

13. The structure which does not contribute to breathing movements in mammal is

A. larynx

B. ribs

C. abdminal muscles

D. diaphragm.

Answer:

Watch Video Solution

14. What is the main function of thrombocyte?

Watch Video Solution

15. What is tegmina in cockroach?

Watch Video Solution

16. Write the final electron aceptor in aerobic respiration.

Watch Video Solution

17. Expand DPD.

Watch Video Solution

18. State true or false:

Essential amino acids are not synthesited in humans

Watch Video Solution

19. What is micturition?

Watch Video Solution

20. What are Lomasomes?

Watch Video Solution

21. Define plasmogamy?

Watch Video Solution

22. State the functions of alary muscles in cockroach.

Watch Video Solution

23. What is cambium?

Watch Video Solution

24. What do you mean by endomitosis?

Watch Video Solution

25. Write differences between aerobic & anaerobic respiration.

Watch Video Solution

26. Write functions of carotene.

Watch Video Solution

27. Write differences betweeen conditional and unconditoinal reflex action.

Watch Video Solution

28. Write a short notes on mushroom.

Watch Video Solution

29. Give three economic importances of Yeast.

 Watch Video Solution

30. What do you mean by endothelium and mesothellium?

 Watch Video Solution

31. What do you mena by protozylem and metaxylem

 Watch Video Solution

32. Classify with explanations of meritem on the basis of position in plant body.

Watch Video Solution

33. Why meiosis is considered as reductional division?

Watch Video Solution

34. Give three importance of cell division.

Watch Video Solution

35. Write the functions of microbodies and microtubules.

Watch Video Solution

36. What do you mean by photophospho & oxidative phosphorylation?

Watch Video Solution

37. Write about dark reaction of C_3 plant briefly.

Watch Video Solution

38. name the different phases of human growth.

Watch Video Solution

39. Name the centres in pons that control respiration.

Watch Video Solution

40. Where tastebuds are pesent? State their functions.

Watch Video Solution

41. What do you mean by glomerular filtratration

Watch Video Solution

42. What are fatty acids? State their functions?

Watch Video Solution

43. Discuss the importance of calcium and magnesium in the organism.

Watch Video Solution

44. Write a short note on photoperiodism. Explain its significance in relation to flowrig.

Watch Video Solution

45. Distinguish between Photoperiodism and phototropism

A. Long day and short day plant.

B.

C.

D.

Answer:

Watch Video Solution

46. What are the events of cardiac cycle, briefly explain them.

 Watch Video Solution