



BIOLOGY

BOOKS - UNITED BOOK HOUSE

HAS QUESTION PAPER

Exercise

1. The position of prokaryotes in the five kingdom classification:

1. Monera

2. Protista

3. Planti

4. Animalia

A. Monera

B. Protista

C. Planti

D. Animalia

Answer:



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2. In which phylum the animals are Pseudocoelomates?

1. Cnidaria

2. Nematoda

3. Annelida

4. Arthropoda.

A. Cnideria

B. Nematoda

C. Annelida

D. Arthropoda.

Answer:



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3. Who coined the term 'Biodiversity'?

1. Hooker

2. W. Rosen

3. Candole

4. Radford.

A. Hooker

B. W. Rosen

C. Cndole

D. Radford.

Answer:



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4. The third word of trinomial nomenclature:

1. Species

2. Genus

3. Sub Species

4. Subgenus.

A. Species

B. Genus

C. Sub Species

D. Subgenus.

Answer:



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5. The fungal body of Lichen is:

1. Phycobiont

2. Mycobiont

3. Lichobiont

4. None of these.

A. BIOcobiont

B. Micobiont

C. Lichobiont

D. None of these.

Answer:



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6. In which phylum sea pen belongs?

1. Ctenophora

2. Annelida

3. Chordata

4. Cnidaria

A. Ctenophora

B. Annelida

C. Chordata

D. Cnidaria

Answer:



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7. The outermost layer of root is:

1. Cuticle

2. Epidermis

3. Cortex

4. Epiblemma

A. Cuticle

B. Epidermis

C. Cortex

D. Epiblemma.

Answer:



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8. Which of the following is mechanical tissue?

a. Xylem fibre

b. Phloem fibre

c. a & b

d. None of the these.

A. Xylem fibre

B. Phloem fibre

C. a & b

D. None of the these.

Answer:



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9. Which one is a modified subaerial stem?

1. Offset

2. Runner

3. Stolon

4. all

A. Offset

B. Runner

C. Stolon

D. all

Answer:



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10. In which muscle the inter calloted disc is found?

A. Involuntary

B. Voluntary

C. Cardiac

D. All

Answer:



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11. How many ovarioles are present in cockroach's ovary?

A. 5

B. 6

C. 8

D. 5 pairs.

Answer:



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12. Micelle Is found in

A. Cellwall

B. Cellmembrane

C. Microtubule

D. Nucleus.

Answer:



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13. In which carbon of Deoxyribose oxygen is absent?

a. C_1

b. C_2

c. C_3

d. C_4

A. C_1

B. C_2

C. C_3

D. C_4

Answer:



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14. In which sub phase of meiosis synapsis occurs?

1. Leptotene

2. Zygotene

3. Pachytene

4. Diplotene

A. Leptotene

B. Zygotene

C. Pakitene

D. Diplotene

Answer:



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15. Who is called the father of Zoology?



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16. Name one jawless vertebrate.



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17. In which plant phyllode is found?



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18. Which organelle is called the lysosome of plant cell?



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19. What do you mean by beta diversity?



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20. What is prions & viroid?



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21. What is slimeplug?



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22. Distinguish between stem hair and root hair.



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23. What is hepatic caeca? Mention its function.



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24. Define holocrine gland?



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25. What is soil pollution?



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26. Distinguish between nucleotide & nucleoside.



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27. What do you mean by 'Law of Priority'?



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28. Distinguish between Moss & Fern.



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29. Distinguish between condricthies & Ostichthies.



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30. Stat the importance of taxonomy.



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31. Write short notes on Vascular bundle.



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32. State difference between racemose & Cymose inflorescence.



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33. What is aestivation? Mention the aestivation types of the petals & sepals of china rose.



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34. Write short note on Storage root.



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35. Distinguish between striated muscle and smooth muscle



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36. Draw the labelled diagram of the respiratory system.



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37. The male reproductive system of cockroach.





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38. Mention types of RNA and their functions.



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39. Distinguish between Golgy & ER. What is Ribophorin.



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40. What do you mean by Peptide, Glycosidic & Ester bond?



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41. Explain = "All vertebrates are chordates
limit all chordates are not vertebrates"? What
is choanocytes?



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42. State the components of taxonomy. What is identification? Who is the father of taxonomy?



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43. Classify meristematic tissue. What do you mean by aggregate fruit?



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44. Distinguish between connective tissue & epithelial tissue. Where is goblet cell found?
Distinguish between male & female cockroach.



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45. How the enzyme actions is controlled by P^H Temperatim? What is ribozyme?



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46. Distinguish between mitochondria & chloroplast. What is crossing over & chiasmata? Where is bouquet stage seen?



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