



BIOLOGY

BOOKS - CHETANA BIOLOGY (MARATHI ENGLISH)

Annual Exam

Exercise

1. The reactions of the TCA cycle occur
in..... .

A. ribosomes

B. grana

C. mitochondria

D. lysosomes

Answer:



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2.teeth are maximum in number in human buccal cavity.

A. Incisors

B. canines

C. premolars

D. molars

Answer:



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3. In human beings uric acid is formed due to metabolism of..... .

A. amino acids

B. fatty acids

C. creatinine

D. nucleic acids

Answer:



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4.has a venous heart.

A. Toad

B. Salamander

C. Rohu

D. Crocodile

Answer:



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5. In maize plant exhibits.....type of modified roots.

A. fusiform

B. tuberous

C. stilt

D. haustoria

Answer:



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6. The reserve food material in rhodophyceae is.....starch.

A. laminaria

B. floridean

C. mannitol

D. all of these

Answer:



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7. After complete oxidation of a glucose molecule, _____ number of ATP molecules are formed.

A. 2

B. 36

C. 4

D. 38

Answer:



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8. Define species citing a suitable example.



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9. Define respiratory quotient.



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10. List the different types of ribs.



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11. State the connecting link between EMP pathway & Krebs's cycle.



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12. Define ammonotelism citing example.

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13. How many salivary glands are present in humans and name them?

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14. Define anaerobic respiration.



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15. List the functions of gizzard in cockroach alimentary canal.



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16. Explain the structure of axis vertebra.



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17. Distinguish between chyle and chyme.



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18. Write a short note on phylloclade with suitable example.



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19. Sketch and label the central nervous system of cockroach.



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20. Describe the structure of stomata.



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21. Enlist the diagnostic floral characters of family Solanaceae.



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22. Differentiate between Urotelism and Uricotelism.



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23. Differentiate between monocots and dicots.



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24. Write a note on Kwashiorkor.



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25. Explain the action of pancreatic juice in human digestion.



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26. Sketch and label the human excretory system.



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27. Define coelom. Explain the different types of coeloms citing examples.



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28. Explain the union of stamens.



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29. Describe the T.S. of dicot stem.



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30. Explain the basic principles of life.



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31. Describe a typical synovial joint with the help of labelled diagram.



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32. Describe Calvin cycle.





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33. Explain briefly kidney stones.



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34. Describe the structure of nucleus.



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35. Describe the structure of pelvic girdle. Add a note on its significance.



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36. Describe the different stages of mitotic division.



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37. Enlist the salient features of algae. Classify them stating their character citing examples.



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38. Describe the alimentary canal of human being.



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39. Describe the structure of RNA. Explain the different types of nongenetic RNA.



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40. Describe the structure of nephron.



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41. Enlist the salient features of Pisces. Differentiate between Chondrichthyes and

Osteichthyes .



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