



BIOLOGY

BOOKS - SARAS PUBLICATION

CELL-THE UNIT OF LIFE

Exercise

1. Sequences of which of the following is used to know the phylogeny

A. mRNA

B. rRNA

C. tRNA

D. hnRNA

Answer:



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2. Many cells function properly and divide mitotically even though they do not have

A. Plasma membrane

B. Cytoskeleton

C. Mitochondria

D. Plastids

Answer:



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3. The sub units of prokaryotic ribosomes are

A. $40S + 60S$

B. $70S + 30S$

C. $60S + 30S$

D. $30S + 50S$

Answer:



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4. Colourless plastids are known as

A. Chloroplasts

B. Chromoplasts

C. Leucoplasts

D. Protoplasts

Answer:



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5. State the protoplasm theory.



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6. Draw the ultra structure of plant cell.



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7. What is the role of mitochondria in evolution?



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8. What is Holocentric chromosomes ?



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9. Define micrometry.



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10. Write down the functions of lysosomes.



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11. Bring out the significance of phase contrast microscopy



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12. Difference between plant and animal cell.



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13. Write short notes on cell transport.



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14. What is microscopic resolution?



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15. Which of the following is the exception of cell theory?



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16. What are the main functions of cell membrane?



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17. distinguish between prokaryotes and eukaryotes.



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18. What are the important statements of cell theory?



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19. Describe the origin of eukaryotes



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