



BIOLOGY

NCERT - FULL MARKS BIOLOGY(TAMIL)

CELL: THE UNIT OF LIFE

Evaluation

1. The two subunits of ribosomes remain united at critical ion level of ____

A. Magnesium

B. Calcium

C. Sodium

D. Ferrous

Answer:



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

A. mRNA

B. rRNA

C. tRNA

D. Hn RNA

Answer:



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3. 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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4. Keeping in view the fluid mosaic model for the structure of cell membrane, which one of the following statements is correct with

respect to the movement of lipids and proteins from one lipid monolayer to the other

- A. Neither lipid nor proteins can flip-flop
- B. Both lipid and proteins can flip flop
- C. While lipids can rarely flip-flop proteins cannot
- D. While proteins can flip-flop lipids cannot

Answer:



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5. Match the columns and identify the correct option:

| Column-I | Column-II |
|----------------|---|
| (a) Thylakoids | (i) Disc-shaped sacs in Golgi apparatus |
| (b) Cristae | (ii) Condensed structure of DNA |
| (c) Cisternae | (iii) Flat membranous sacs in stroma |
| (d) Chromatin | (iv) Infoldings in mitochondria |

- A. a b c d
(iii) (iv) (ii) (i)
- B. a b c d
(iv) (iii) (i) (ii)

C. a b c d
(iii) (iv) (i) (ii)

D. a b c d
(iii) (i) (iv) (ii)

Answer:



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6. Bring out the significance of phase contrast microscopy



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7. State the protoplasm theory .



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8. distinguish between prokaryotes and eukaryotes.



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9. Difference between plant and animal cell.



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10. Draw the ultra structure of plant cell.



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