



BIOLOGY

BOOKS - TRUEMAN BIOLOGY

NEET - 2013 (CYTOLOGY)

Mcqs

1. The complex formed by a pair of synapsed homologous chromosomes is called

A. Bivalent

B. Axoneme

C. Equatorial plate

D. Kinetochore

Answer: 1



Watch Video Solution

2. The Golgi complex plays a major role

A. as energy transferring organelles

B. in post translational modification of proteins and glycosidation of lipids

C. in trapping the light and transforming it into chemical energy

D. in digesting proteins and carbohydrates

Answer: 2



Watch Video Solution

3. The essential chemical components of many coenzymes are

A. Carbohydrates

B. Vitamins

C. Proteins

D. Nucleic acids

Answer: 2



Watch Video Solution

4. Macro molecule chitin is

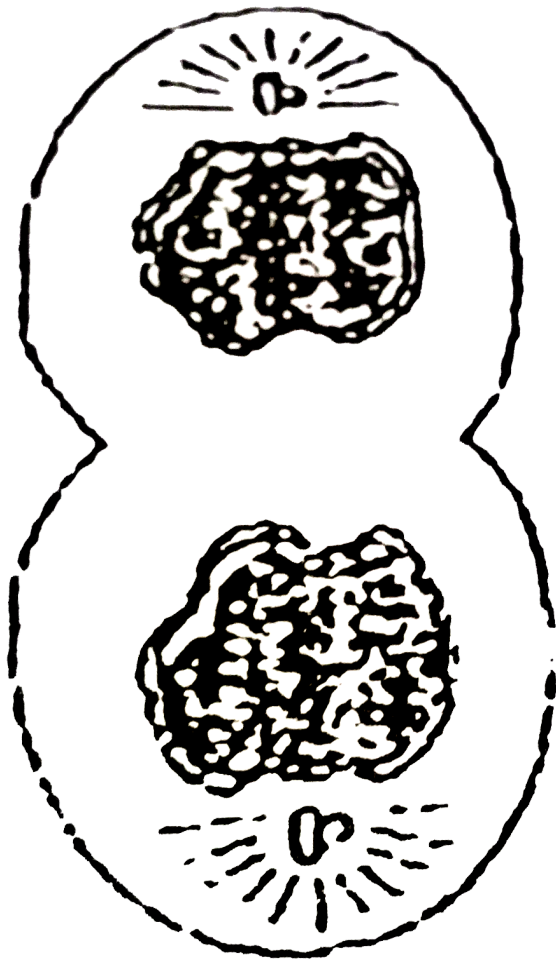
- A. Sulphur containing polysaccharide
- B. simple polysaccharide
- C. nitrogen containing polysaccharide
- D. phosphorus containing polysaccharide

Answer: 3



Watch Video Solution

5. A stage in cell division is shown in the figure. Select the answer which gives correct identification of the stage with its characteristics.



(1) Cytokinesis	cell plate formed, mitochondria distributed between two daughter cells.
(2) Telophase	endoplasmic reticulum and nucleolus not reformed yet.
(3) Telophase	nuclear envelop reforms, golgi complex reforms.
(4) Late anaphase	chromosomes move away from equatorial plate, golgi complex not present.

A. Cytokinesis Cell plate formed

mitochondria distributed between two daughter cells

B. Telophase Endoplasmic reticulum and

nucleolus not reformed yet

C. Telephase Nuclear envelop reforms ,
golggii complex reforms

D. Late anaphase Chromosomes move away
from equatorial plate glogi complex not
present

Answer: 3



Watch Video Solution

6. Which one of the following organelle in the figure corretly matches with is function ?



A. Golgi apparatus , formation of glycolipids

B. Rough endoplasmic reticulum protein synthesis

C. Rough endoplasmic reticulum , formation of glycoprotein

D. Golgi apparatus , protein synthesis

Answer: 2



Watch Video Solution

7. A phosphoglyceride is always made up of

- A. a saturated or unsaturated fatty acid esterified to a glycerol molecule to which a phosphate group is also attached
- B. a saturated or unsaturated fatty acid esterified to a phosphate group which is also attached to a glycerol molecule
- C. only a saturated fatty acid esterified to a glycerol molecule to which a phosphate group is also attached

D. only an unsaturated fatty acid esterified to a glycerol molecule to which a phosphate group is also attached

Answer: 1



Watch Video Solution

8. A major site for synthesis of lipids is

A. Symplast

B. Nucleoplasm

C. RER

D. SER

Answer: 4



Watch Video Solution

9. Pigment- containing membrane extensions in some cyanobacteria are

A. Pneumatophores

B. Chromatophores

C. Heterocysts

D. Basal bodies

Answer: 2



Watch Video Solution

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

A. transient and unstable

B. permanent and stable

C. transient but stable

D. permanent but unstable

Answer: 1



Watch Video Solution