



BIOLOGY

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BIOLOGY (HINGLISH)

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: A



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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



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3. The essential chemical components of many coenzymes are

A. Carbohydrates

B. Vitamins

C. Proteins

D. Nucleic acids

Answer: 2



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4. Macro molecule chitin is:

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

Answer: 3



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5. 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



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6. A major site for synthesis of lipids is

A. Symplast

B. Nucleoplasm

C. RER

D. SER

Answer: D



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7. Pigment-containing membranous extensions in some cyanobacteria are

A. Pneumatophores

B. Chromatophores

C. Heterocysts

D. Basal bodies

Answer: 2



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8. 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



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