BIOLOGY

BOOKS - TRUEMAN'S BIOLOGY (ENGLISH)

NEET - 2013 (PLANT PHYSIOLOGY)

Mcqs

1. Meiosis takes place in

A. Gemmule

B. Megaspore

C. Meiocyte

D. Conidia

Answer: 3

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2. The first stable product of fixation of atmospheric nitrogen in leguminous plants is

A. NO_3^-

B. Glutamate

C. NO_2^-

D. Ammonia

Answer: 4

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3. Perisperm differs from endosperm in

A. Being a diploid tissue

B. Its formation by fusion of secondary nucleus with several sperms

C. Being a haploid tissue

D. Having no reserve food

Answer: 1

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4. Which of the metabolites is common to respiration mediated breakdown of fats, carbohydrates and proteins ?

A. Pyruvic acid

B. Acetyl CoA

C. Glucose - 6 -phosphate

D. Fructose 1, 6 -bisphosphate

Answer: 2

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5. Monoecious plant of Chara shows occurrence of

A. Upper antheridium and lower oogonium on the same plant

B. Upper oogonium and lower antheridium on the same plant

C. Antheridiophore and archegoniophore on the same plant

D. Stamen and carpel on the same plant

Answer: 2

6. The three boxes in this diagram represent the three major biosynthetic pathways in aerobic respiration. Arrows represent net reactants or products

Arrows numbered 4, 8 and 12 can all be

A. H_2O

B. FAD^+ or $FADH_2$

C. NADH

D. ATP

Answer: 4

7. During seed germination its stored food is mobilised by

A. ABA

B. Gibberellin

C. Ethylene

D. Cytokinin

Answer: 2

8. Advantage of cleistogamy is

   A. No dependence on pollinators

   B. Vivipary

   C. Higher genetic variability

   D. More vigorous offspring

Answer: 1

9. Megasporangium is equivalent to

A. Nucellus

B. Ovule

C. Embryo sac

D. Fruit

Answer: 2

10. Which one of the following statement is correct?

A. Endothecium produces the microspores

B. Tapetum nourishes the developing pollen

C. Hard outer layer of pollen is called intine

D. Sporogenous tissue is haploid

Answer: 2

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