



BIOLOGY

BOOKS - TRUEMAN BIOLOGY

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 plant 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

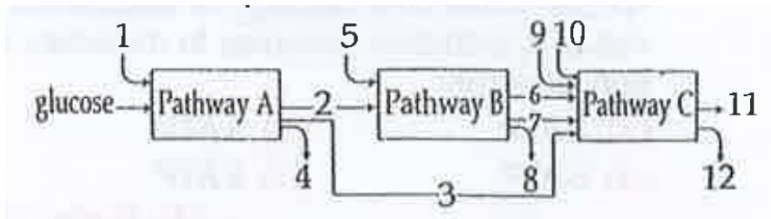
- A. Upper antheridium and lower oogonium on the same plant
- B. Upper oogonium and lower antheridium on the same plant
- C. Antheridiophore and archegoniophore on the same plant
- D. Stamen and carpel on the same plant

Answer: 2



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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



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7. During seed germination its stored food is mobilized by

A. ABA

B. Gibberellin

C. Ethylene

D. Cytokinin

Answer: 2



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8. Advantage of cleistogamy is

A. No dependence on pollinators

B. Vivipary

C. Higher genetic variability

D. More vigorous offspring

Answer: 1



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9. Magasporangium is equivalent to

A. Nucellus

B. Ovule

C. Embryo sac

D. Fruit

Answer: 2



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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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11. Which of the following criteria does not pertain to facilitated transport

A. Transport saturation

B. Uphill transport

C. Requirement of special membrane proteins

D. High selectivity

Answer: 2



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