

BOTANY

2018

Time: 15 Minutes

Max. Marks: 08

SECTION "A" MULTIPLE CHOICE QUESTIONS

1. Choose the correct answer for each from the given options:
- (i) The production of a pond ecosystem are:
• Phytoplankton • Capparis • Zooplankton • Prosopis
- (ii) A type of orderly or programmed cell-death is:
• Leukemia • Apoptosis • Terminalization • Necrosis
- (iii) In epigeal germination cotyledons are carried above the soil due to rapid growth of:
• Radicle • Hypocotyl • Plumule • Epicotyl
- (iv) Promotion of flowering by cold treatment to the imbibed seeds is called:
• Vivipary • Vernalization • Garner • Lysenka
- (v) Germination of seed within the fruit while still attached to the plant is:
• epigeal • hypogeal • viviparous • oviparous
- (vi) Movement unrelated to the direction of diffused stimuli is:
• nastic movement • turgor movement
• nutational movement • Curvature movement
- (vii) When the growth of the main axis stops, due to a flower on tip, the inflorescence is called:
• cymose • racemose • corymb • catkin
- (viii) Both polynucleotide strands of DNA remain separated by:
• 5 \AA • 10 \AA • 15 \AA • 20 \AA
- (ix) Information from DNA regarding the amino acid sequence of a protein, is copied into:
• mRNA • rRNA • tRNA • ribosome
- (x) The tendency of genes located on the same chromosome to inherit together is called:
• crossing over • co-dominance
• incomplete dominance • linkage
- (xi) The result of f_1 generation for colour blindness of a carrier female is crossed with a normal male will be:
• son 25% colour blind, daughter 25% carrier
• 50% diseased, 50% carrier • all carrier • all colour blind
- (xii) The term ecosystem was first introduced in 1935 by:
• Tansley • Ernest Haeckel • Charles Darwin • de Vries
- (xiii) Crossing over takes place during:
• leptotene • zygotene • pachytene • diplotene
- (xiv) Exudation of water by hydathodes is:
• Guttation • Transcription • Transpiration