

BIOLOGY

Time : 3 hrs.]

MARCH - 2014

[Marks : 70

SECTION - I

BOTANY

Q. 1. Select and write the most appropriate answer from the given alternatives for each sub-question :

[7]

- (i) The biological scissors is _____.
(a) restriction endonuclease (b) gyrase
(c) DNA ligase (d) helicase
- (ii) Dead and dried cell mass of microbes having nutritive value is also known as _____.
(a) BGA (blue-green algae)
(b) SCP (single cell protein)
(c) STP (sewage treatment plant)
(d) VAM (vesicular arbuscular mycorrhizae)
- (iii) From the visible spectrum of light, which component is reflected by the green leaves ?
(a) Blue (b) Red (c) Green (d) Orange
- (iv) For formation of 50 seeds, how many minimum meiotic divisions are necessary ?
(a) 25 (b) 50 (c) 75 (d) 63
- (v) In bisexual flowers, maturation of gynoecium before androecium is known as _____.

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