



Model question paper for the entrance examination 2018-19

1 . Which of the following is an imino acid ?

- (a) proline (b) tryptophan
(c) histidine (d) alanine

2 . Why does nucleolus disappear during cell division

- (a) some enzyme degrades the nucleolus
(b) because the chromosomes moves towards equatorial plane
(c) nucleolus undergoes hibernation (d) none of the above

3 . Obliquely placed ovary is the diagnostic character of

- (a) Solanaceae (b) Fabaceae
(c) Rubiaceae (d) All of the above

4 . NCBI stands for

- (a) National Centre for Bioinformatics Institutes
(b) National Centre for Biotechnology Information
(c) National Centre for Biological Information
(d) National Centre for Biochemical Information

5 . Which of the following pigments donot absorb light energy in green part of spectrum

- (a) carotene (b) xanthophyll
(c) phycoerythrins (d) phycocyanins

6 . Air pollution by SO₂ may cause

- (a) premature leaf fall (b) stimulation of leaf growth
(c) chlorosis of leaves (d) dark green coloration of leaves

7 . Which one of the following colours of light is effective in stomatal opening

- (a) red (b) far-red
(c) blue (d) green

8 . Main force of ascent of sap in higher plants is

- (a) root pressure (b) transpiration pull
(c) atmospheric pressure (d) capillary force

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