



DPB – 510 (Bot)

M.Sc. (Final) Degree Examination, August/September 2010

(Directorate of Distance Education)

BOTANY

Paper – V : Plant Physiology

(Freshers)

Time : 3 Hrs.

Max. Marks : 85

I. Answer **any SEVEN** of the following :

(7×4=28)

- 1) Plasmolysis
- 2) Glycolate pathway
- 3) Carrier proteins
- 4) Antenna complex
- 5) Phytochrome
- 6) Respiratory Quotient
- 7) Protein channels
- 8) Dormancy
- 9) Florigen concept
- 10) Ethylene.

II. Answer **any THREE** of the following :

(3×9=27)

- 11) Water potential
- 12) C₄ plants
- 13) Growth kinetics
- 14) Plant Rhythms
- 15) Vernalization.

P.T.O.