

V.P. & R.P.T.P. Science College

INTERNAL TEST (SEMESTER-5)

US05CBOT06 (BOTANY)

7/10/2013

MARKS-30

MONDAY

TIME=3-30 TO 5-00 PM



Q-1 Multiple choice questions:

(06)

(a) Plant hormones are also known as:

(i) growth factors (ii) growth regulators (iii) phytohormones (iv) all of these

(b) _____ is used on seedless grape variety to increase the size and quality of fruit.

(i) GA (ii) Auxin (iii) Cytokinins (iv) None of these

(c) Who suggested the term photoperiodism:

(i) Garner & Allard (ii) Hammer (iii) Bonner (iv) All of these

(d) The pigment that controls flowering is known as:

(i) Phytochrome (ii) Cytochrome (iii) Chlorophyll (iv) none of these

(e) Who proposed the protein model of cross-linking:

(i) Garner (ii) Allard (iii) Levitt (iv) none of these

(f) Stress caused by pathogen called:

(i) Biotic (ii) Abiotic (iii) Osmotic (iv) None of these

Q-2 Answer any three

(06)

(a) List out the physiological effects of Auxin on plants.

(b) Define-growth hormone

(c) Write a brief note on short day plants,

(d) Give examples of DNP.

(e)What is stress physiology?

(f)Write in brief about effect of stress on cell membrane.

Q-3 Write a note on Cytokinins. (06)

OR

Q-3 Discuss: (a) Role of Auxin as weedicide (03)

(b)Role of GA in dormancy (03)

Q-4 Write an essay on Phytochrome. (06)

OR

Q-4Distinguish between SDP,LDP and DNP. (06)

Q-5 Write in detail on osmotic adjustment. (06)

OR

Q-5 Discuss : Levitt's model of cross linking. (06)

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