



GAY-431

Seat No. _____

B. Sc. (Sem. IV) Examination

March / April - 2017

Biotechnology - Elective Subject (Es)

(Plant Hormones)

Time : 2 Hours]

[Total Marks : 50

1 Attempt All : 10

- (1) Full Form of BAP
- (2) Give any one name of Synthetic Auxin
- (3) Full form of 2,4-D
- (4) Which hormone is involved in the breaking of seed dormancy?
- (5) Which hormone is involved in the elongation of internodal region of Plant?
- (6) Which hormone is involved in the process of Abscission?
- (7) Which hormone induces flowering?
- (8) Which hormone is involved in the process of Parthenocarpy?
- (9) Define : Plant Hormones
- (10) Give the full form of IAA.

2 Attempt any **four**.

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- (1) Short note : Functions of Auxins
- (2) Short note : Functions of Cytokines
- (3) Short note : Functions of Gibberellins
- (4) Write any two functions of Ethylene and Abscisic Acid
- (5) Give any four examples of Animal Hormones

3 Attempt any **two**.

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- (1) Give comparative analysis between Plant Hormones versus Animal Hormones.
- (2) Define Hormones. Write a detailed note on Plant Hormones
- (3) Explain the relationship among Plant hormones, Plant Tissue Culture and Biotechnology.