Roll No.

(07/21-II)

5264

B. Sc. EXAMINATION

(For Batch 2011 & Onwards)

(Sixth Semester)

BOTANY

Paper-I

Bio-Chemistry and Plant Bio-Technology

Time: Three Hours Maximum Marks: 40

Note: Question No. 1 is compulsory. Attempt four each Unit. Support your answers with more questions, selecting two questions from labelled diagrams wherever necessary.

Answer the following questions in short:

(a) What are conjugate enzymes?

(b) Define differentiation.

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P.T.O.

Biosynthesis of fatty acids.	4. Write notes on the following:	of Auxines.	3. What do you mean by grown normous:	mon agolie-up out gritostica accitosta paralle	properties of enzymes.	Wha do you mean by enzymes? What role	Blo-Chemistry arkind a Bio-Technology	(h) Define GMOs.	(g) What is gene bank?	(f) Define exonuclease enzyme. 1	nodules ? & 1105 dots8 463)	(e) What role leghaemoglobin plays in root	(d) What do you mean by unsaturated fatty	(c) Which phytohormone help in stomatal	

5. What do you mean by growth? Discuss in detail phases of growth with growth curves. 8

Unit II