



उत्तराखण्ड मुक्त विश्वविद्यालय, हल्द्वानी (नैनीताल)

B.Sc. (Bio-Tech) IInd YEAR ASSIGNMENT

बी.एस.सी. द्वितीय(बायो टेक) वर्ष सत्रीय कार्य

Last date of Submission: 15/05/2015

(जमा करने की अन्तिम तिथि. 15/05/2015.)

Course Title: Plant Biotechnology

Course Code: BT - 06

कोर्स शीर्षक: पादप जैव प्रधौगिकी

कोर्स कोड: बी टी - 06

Year: 2014-15

Maximum Marks: 20

सत्र- 2014.15

अधिकतमअंक- 20

Section 'A' contains 08 short answer type questions of 2^{1/2} marks each. Learners are required to answers 4 questions only. Answers of short answer-type questions must be restricted to 250 words approximately.

Briefly discuss the following:

निम्न की संक्षेप में चर्चा कीजिए :

- 1- Explain the basic technique of plant tissue culture?
- 2-briefly explain the Growth hormones?
- 3- Explain the somatic Embryogenesis in plant?
- 4-Pollen Culture?
- 5-Write a short note on cryopreservation?
- 6-Write a short on Genomics?
- 7- Explain the green house and green home Technology?
- 8- Describe the Secondary plant metabolites i.e. (Alkaloids, & Terpenoids)?

Section 'B' contains 04 long answer-type questions of 05 marks each. Learners are required to answers 02 questions only.

1-Describe the Genetic Transformation in plant?

2-Describe the micro propagation of Horticultural and medicinal plant?

3- Describe the secondary metabolites and give the importance of secondary metabolites in human welfare?

4-Describe the Importance of Transgenic plant in medical field?

