



उत्तराखण्ड मुक्त विश्वविद्यालय, हल्द्वानी (नैनीताल)

B.Sc. IInd (Biotech) YEAR ASSIGNMENT

बी.एस.सी. द्वितीय(बायोटेक)वर्ष सत्रीय कार्य

Last date of Submission: 15/05/2015

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

Course Title: Microbial Biotechnology

Course Code: BT - 07

कोर्स शीर्षक: सूक्ष्म जैविकी एवं जैव प्रद्योगिकी

कोर्स कोड: बी टी - 07

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-Write a short on C-DNA library?

2-Explain the PCR technique?

3-Write a brief note on DNA sequencing?

4- Explain the principle of food preservation?

5-What do understand by gasification and composting?

6- Sewage Management?

7-Vaccination?

8- Role of Enzymes in Medical Diagnosis?

Section 'B' contains 04 long answer-type questions of 5 marks each. Learners are required to answers 02 questions only.

1-Give the brief discussion on the culture of microorganism?

2- Describe the microbial biodegradation of xenobiotics?

3-Explain the fermentation process of tetracycline and streptomycin?

4- Explain in detail the Biological Nitrogen fixation?

