



उत्तराखण्ड मुक्त विश्वविद्यालय, हल्द्वानी (नैनीताल)

M.Sc. IInd YEAR ASSIGNMENT

Last date of Submission: 15/05/2014

(जमा करने की अन्तिम तिथि. 15/05/2014.)

Course Title: Animal Biotechnology

Course Code: ZO-552

Year: 2013-14

Maximum Marks: 40

सत्र- 2013.14

अधिकतमअंक- 40

Section 'A' contains 08 short answer type questions of 5 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:

- 1- Explain the tumor suppressor gene.
- 2- Gene knock In and Gene knock Out?
- 3- Describe the Source and management of hazardous waste?
- 4- Explain the bioconversion process?
- 5- Enzyme reactors?
- 6- Briefly describe the application of cell culture?
- 7- Cryopreservation?
- 8- Role of serum in cell culture?

Section 'B' contains 04 long answer-type questions of 10 marks each. Learners are required to answers 02 questions only.

- 1- Explain the different stem cell in detail?
- 2- Briefly describe the biotechnological tools which are used in the diagnosis of disease in aquaculture?
- 3- Explain the zoo and phyto-remediation?
- 4- Give the detail description of Biofertilizers?

