



उत्तराखण्ड मुक्त विश्वविद्यालय, हल्द्वानी (नैनीताल)

B.Sc. (BioTech) IInd YEAR ASSIGNMENT

बी.एस.सी. द्वितीय वर्ष सत्रीय कार्य

Last date of Submission: 15/05/2015

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

Course Title: Animal Biotechnology

Course Code: BT - 05

कोर्स शीर्षक: प्राणी जैव प्रधौगिकी

कोर्स कोड: बी टी- 05

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- Enumerate and briefly describes the various step of Glycolysis?
- 2- Explain the concept of In vivo and In vitro system?
- 3- Give the mosaic model of cell membrane?
- 4- Briefly explain the Cell culture?
- 5- Explain the Growth Kinetics
- 6- Embryo Transfer Technique in Human?
- 7- Write a short note on sub-culture?
- 8- Give the difference between stem cell and competent?

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

भाग ख में चार दीर्घ उत्तरीय प्रश्न दिये गये हैं इनमें से केवल दो प्रश्नों के उत्तर देने हैं। प्रत्येक प्रश्न के लिए दस अंक निर्धारित हैं ।

- 1- Briefly explain the embryo transfer technique?
- 2- Describes the techniques of Tissue and organ culture and give its application?
- 3- Describes the transgenic method in Animal?
- 4- Give the mechanism of nuclear transfer for cloning and describe the In Vitro fertilization in Human and Animals?

