



उत्तराखण्ड मुक्त विश्वविद्यालय, हल्द्वानी (नैनीताल)

M.Sc. 1st YEAR ASSIGNMENT

Last date of Submission: 15/05/2014

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

Course Title: Animal physiology and physiological Chemistry
Year: 2013-14

Course Code: ZO-503
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- Briefly describe the Embden Meyerhof Pathways?
- 2- Co-enzymes.
- 3- Explain the transport of ions?
- 4- What are the hormones of pituitary gland, briefly describe?
- 5- Describe the concept of Poikilothery and Homeothermy?
- 6- Give the classification of Amino acid based on the structure?
- 7- Explain the cardiac cycle and ECG pattern in mammals?
- 8- Structure and classification of monosaccharides?

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

1- How are the respiratory gases transported by blood in vertebrates ?

2- Describe the biosynthesis of fatty acid ?

3- Describe the digestion of carbohydrate, Protein and Fats?

4- Explain the Urea cycle and briefly describe the formation of urine ?

