

(Additional) Exam 2015 F.Y.B.Sc  
Question Paper) SEM-I  
Zoology-II  
26/3/15

UCD Date: 26/3/15 F.Y.B.Sc. Subject: Zoology Paper: II (USZO102) Sem: I Max Marks: 75  
Time: 2.30hrs.

- Note: 1) All questions are compulsory  
2) Figures to the right indicate full marks  
3) Draw neat labeled diagram wherever applicable

- Q1 Answer in brief (any 2) 20  
1) Describe the different types of Amino acids.  
2) Give the biological role of proteins.  
3) Classify carbohydrates giving suitable examples.  
4) Explain the biological role of carbohydrates.
- Q2 A Answer the following (Any 1) 10  
1) Describe various factors affecting enzyme activity.  
2) Explain in detail Beer's bread making process.
- Q2 B Answer the following (Any 2) 10  
1) Write a short note on PAGE  
2) What are the scopes of Biotechnology.  
3) Describe any two types of microscopes.  
4) Explain cheese making process.
- Q3 Write short notes (Any 4) 20  
1) Brachydactyly  
2) Effect of hormone on heredity  
3) Gene expression  
4) Modern concept of Gene.  
5) Kappa particles in paramecium.  
6) Epitaxis  
7) Pedigree  
8) Co dominance
- Q4 Answer the following (Any 3) 15  
1) Write a short note on secondary proteins.  
2) Describe lethal genes.  
3) Write a short note on enzyme as meat tenderizer.  
4) Explain Dihybrid cross with suitable example.  
5) Describe the wine making process  
6) Write a short note on Glucose and fructose.

-----ALL THE BEST-----