fyBsc - sem I 200109y -II\_ 11/10/2014 te: | | | 0 / 1 F.Y.BSc. Subject: Zoology Paper: II (USZO102) Sem: I ime: 2.30hrs. te: 1) All questions are compulsory 2) Figures to the right indicate full marks 3) Draw neat labeled diagram wherever applicable 20 Answer in brief (any 2) 1) What is Isomerism? Describe the different types of Isomerism. 2) Explain the biological role of carbohydrates. 3) Describe in detail the bomds involved in protien structure. 4) Write the biological role of protiens. 10 Answer the following (Anyl) 1) In detail explain enzyme immobilization. 2) Expain chees n yogurt making process in detail. 10 Answer the following (Any2) 1) Give the advantages of Immobilised enzymes. 2) Describe beer making process 3) Explain diffeent types of centrifuge. 4) Expain temperature as a factor affectin enzyme activity. Answer briefly (any 2) 20 1) Describe briefy the concept of gene. 2) What is gene expression? Explain it with suitable diagram. 3) Describe briefly cytoplasmic inheritance inparamoecium. 4) What is pedigree? Explain the pedgree chart. Answer the following (Any3) 15 1) Write a shot note on Bio-detergents 2) Comment on effect of hormone on heredity. 3) Write a short on qunternary structure of protiens. 4) Give the application of enzyme immobilization. 5) Explain any two types of isomerism. 6) Write a short note on Human genetics. ----ALL THE BEST-----