Zoology Paper II

USZO102

All Questions are compulsory.

Figures to the right indicate full marks. Total marks: 100 Time: 3 hours 5 Marks O.1. a) Fill in the blanks. is one of the basic physical quantities of thermodynamics. (Temperature, Safety, Chemicals, Hygiene). C is a boiling point of water. (0°, 100°, 273°, 32°) 3. Type-1 diabetes is treated using ______.(DNA, Iodine ,Haemoglobin, Insulin) was born in Roslin Institute, Scotland.(CC Cat, Dolly sheep, FDA, Salmon) denotes Plank's constant. (h, λ, c, μ) b) Match the column 5 Marks 1. Absorbance a. Herman 2. Lactoferin b. −273.16°C c. pH scale 3. Fermentation d. Colorimeter 4. Absolute zero e. Yogurt 5. Sorenson 5 Marks c) Write true or false Purification of vaccines can be done using electrophoresis. 1. A microscope magnifies and resolves the image of an object. 2. DNA fingerprinting does not have any application in forensic science. 3. Mode is a value repeated the maximum number of times. 4. 5. Units of measurements cannot be neutral. 5 Marks d) Write one sentence answer. Resolving power of microscope 1.

- 2. Flash Point
- 3. Biomarkers
- 4. Chromatography
- Attribute 5.