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**SUBJECT CODE NO:- B-2090**  
**FACULTY OF SCIENCE & TECHNOLOGY**  
**B. Sc T.Y. (Sem-VI)**  
**Examination November/December- 2022**  
**Elective Paper**  
**Zoology Paper-XX (602)**  
**Computer Application & Medical LabTech-II**

[Time: 1:30 Hours]

[Max. Marks: 50]

Please check whether you have got the right question paper.

- N.B
- 1) Attempt all questions
  - 2) Illustrate your answer with suitable labelled diagram
- Q.1 Explain in detail Laboratory principles and procedures 20
- OR
- Write a detailed account on the collection and examination procedure of RBC 20
- Q.2 Describe in detail histopathological technique for processing of tissue 20
- OR
- Write a short notes on any four of the following 20
- a) Laboratory management
  - b) P<sup>H</sup> meter
  - c) Sperm morphology
  - d) Bilirubin
  - e) Physical examination of Urine
  - f) Hb%
- Q.3 Select and write correct answer from the given alternatives in each sub-question 10
- 1) For sterilization of Material ----- is used.
    - a) Autoclave      b) centrifuge      c) P<sup>H</sup> meter      d) all of these
  - 2) If a chemical get in your mouth you should -----
    - a) Spit it out      b) rinse your mouth      c) vist a doctor      d) all of these

- 3) Homeostasis means
  - a) Maintain stable internal body environment
  - b) Always change internal body environment
  - c) Both a and
  - d) None of these
- 4) How many days RBCs survive
  - a) 100 days
  - b) 110 days
  - c) 120 days
  - d) 130 days
- 5) Urine of mammals contain -----
  - a) Urea
  - b) Uric acid
  - c) Ammonia
  - d) none of these
- 6) Ketone bodies produced from -----
  - a) Kidney
  - b) liver
  - c) pancreas
  - d) Brain
- 7) -----is used for block preparation of tissue
  - a) Paraffin wax
  - b) petroleum jelly
  - c) Glycerin
  - d) none of these
- 8) Calomel electrode is used in -----
  - a) Colorimeter
  - b) P<sup>H</sup> meter
  - c) Incubator
  - d) Autoclave
- 9) Acetocarmine stain is used for staining of
  - a) Mitochondria
  - b) cell wall
  - c) Nucleus
  - d) vacuole
- 10) Leucocytes are commonly known as
  - a) RBC
  - b) WBC
  - c) Erythrocytes
  - d) None of these