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B.Sc. (CBCS) (Semester -V)  
EXAMINATION NOVEMBER 2022  
Zoology  
Applied Zoology

[Duration : 2 Hours]

[Total Marks : 60]

- Q.I Write short notes on any five of the following: (2x5=10)
- a) Aquaculture and Applied Embryology
  - b) Vermiwash
  - c) Any two varieties of Earthworms for vermiculture
  - d) Indian species of Honey Bees and their scientific names
  - e) Apiary site requirement
  - f) Tasher and Muga Silks
  - g) Harvesting of Cocoons
- Q.II Write in brief on any five of the following: (2x5=10)
- i. Grading of eggs
  - ii. Poultry manure
  - iii. Viral diseases of Pig
  - iv. Lard and Sausages
  - v. Dairy farming and its scope
  - vi. Characteristic features of any two Exotic Breeds of cattle
  - vii. Management of Heifer
- Q.III A) Describe any two methods of Vermicomposting. (05)
- OR
- A) Give a brief account of economic importance of earthworms. (05)
- B) Describe the structure of Honey Comb and add a note on composition and uses of Honey. (05)
- Q.IV A) Discuss in brief advantages of Sericulture. (05)
- OR
- A) Briefly discuss Uzi fly and Dermestis beetles menace in sericulture. (05)
- B) Describe the important features of English and American breeds of Swine. (05)
- Q.V A) Describe the characteristics of poultry breeds of English Class. (05)
- OR
- A) What are the management strategies adopted for rearing of layers in a poultry farm? (05)
- B) Discuss the causes, symptoms and preventive measures of **Ranikhet disease** and **Fowl Pox**. (05)



Q.VI A) What are Dual Breeds? Discuss the distribution, characteristic features and utility of **any two Dual Breeds** of cattle. (05)

OR

A) What is the composition of cow milk? Add a note on **Condensed** and **Synthetic** milk. (05)

B) Describe in brief the composition and preparation of **Ghee** and **Paneer**. (05)