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SUBJECT CODE NO:- 126
FACULTY OF SCIENCE AND TECHNOLOGY
EXAMINATION JUNE/JULY 2022
B.Sc. F. Y. (Sem - II)
Zoology
Developmental Biology of
Vertebrates IV

[Time: 2:00 Hours]

[Max.Marks:40]

Please check whether you have got the right question paper.

- N.B
- Attempt All questions
 - Illustrate your answers with suitable and labeled diagrams wherever necessary.
- Q.1 Give a detail account of the process of spermatogenesis in mammals. 15
- OR
- a) Explain Blastula of Frog 08
- b) Describe the structure of Ovum of Frog 07
- Q.2 Explain in brief Placentation in mammals and add a note on Functions of placenta. 15
- OR
- a) Explain Gamete Intra-Fallopian Transfer (GIFT) 08
- b) Describe embryonic Stem Cells 07
- Q.3 Write short notes on Any Two of the following: 10
- a) Oogenesis in Mammals
 - b) Structure of Sperm of Frog
 - c) Structure of Amnion in chick
 - d) Intrauterine Insemination (IUI)