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SUBJECT CODE NO: -BB-2409
FACULTY OF SCIENCE AND TECHNOLOGY
B.Sc (CBCGS)(Pattern 2022) S.Y SEM III
Examination November / December 2024
Zoology-VII Developmental Biology of Vertebrates

[Time:1:30 Hours]

[Max. Marks:40]

N. B

Please check whether you have got the right question paper.

- 1) All questions are compulsory.
- 2) All questions carry equal marks.
- 3) Draw well labelled diagrams wherever necessary.

Q.1 Describe in detail Germplasm theory in Developmental Biology. **10**

OR

Explain in detail spermatogenesis.

Q.2 Describe in detail gastrulation process in the developmental biology. **10**

OR

Explain the process of fertilization and cleavage in mammals.

Q.3 Write short notes on (any two) **10**

- a) Structure of Human sperm
- b) Concept of developmental biology
- c) Polyspermy
- d) Growth phase of oocyte.



Q.4 Write short note on (any two) **10**

- a) Functions of placenta
- b) Primitive streak
- c) Development of chorion
- d) Mesogenesis
