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Total Number of Pages : 1

AR-18

M. Sc

M.Sc 3rd SEMESTER REGULAR EXAMINATIONS, NOV/DEC 2019-20

Subject code: P-733

Subject: ETHOLOGY & DEVELOPMENT BIOLOGY

Time: 2 Hours

Max Marks: 40

The figures in the right hand margin indicate marks.

- Q1 a) Give an account of molecular aspects of memory? 14
- OR
- Answer any 2 of the following 2×7=14
- b) Neural mechanism of learning
 - c) Migration in fishes
 - d) Social behavior in primates
- Q2 a) Describe differentiation and role of gene activity during differentiation? 13
- OR
- Answer any 2 of the following 2×6.5=13
- b) Molecular basis of fertilization
 - c) Blastopore as Organiser
 - d) Regeneration in invertebrates
- Q3 a) How do Amnion and chorion differ in their development between birds and mammals ? 13
- OR
- Answer any 2 of the following 2×6.5=13
- b) Menstrual cycle in humans
 - c) *In vitro* fertilization and gestational surrogacy
 - d) Infertility ,causes and remedies