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GIRIDIH COLLEGE, GIRIDIH / ADC, RAJDHANJAR

Assignment for internal examination

Semester - 4th (2018-2021)

Subject: - "Zoology"

Last date of submission of assignment - 19th Sep

Paper - Core - 8

F.M - 10

Answer any two questions.

1. Explain about Mendel and his experiments.
2. Differentiate between complete dominance, incomplete dominance and co-dominance.
3. Write an essay on Multiple allelism
or
Linkage & Crossing over
4. Explain sex chromosome and basis of sex determination: XX/XO , XX/XY , ZZ/ZW

Paper 1 - Core - 9

F.M - 10

Answer any two of the following in detail with neat and labelled diagram

1. Evolution of Man
2. Lamarckism
3. Hardy Weinberg Law of Equilibrium.
4. Bottle Neck Effect.

Paper:- Core-10

F.M-10

Answer any two question in detail with neat and labelled diagram.

1. Concept and Pattern of Innate behaviours.
2. Hormonal control of behaviour
3. Migration of Bird / fishes
4. Parental care in Amphibia / fishes.

Paper :- Practical of C-8, C-9, C-10

F.M-10

Answer any two questions.

1. Study of colour blind by Ishihara chart.
2. Study of homologous and analogous organ with diagram
3. Study of beehive
4. Show the evolution of horse through chart/ Model / diagram.

Priya

3.9.2020

ZOOLOGY - GE/GENERAL

Sem - 4th (2018-2021)

Theory

F.M-10

Answer any two questions in detail with neat and labelled diagram.

1. Components of Ecosystem
2. Biogeochemical cycle - Carbon cycle.
3. Air Pollution - effect cause and treatment.
4. Apiculture.

Practical

F.M-05

Answer any two questions with neat and labelled diagram.

1. Life cycle of Honey bee
2. Mouth parts of Culex mosquito
3. Estimate the amount of dissolved oxygen (D.O) in water sample.