

B.B.M. COLLEGE BALIAPUR

DHANBAD

Internal Exam – 2022

SEMESTER – IV

Class – B.Sc. (Hons) Time – 1hr

Sub. – Zoology Core (8) F.M. – 15

Answer any two of following question -

1. Explain the mechanism of crossing over.
2. Describe the chromosomal theory of sex determination – xx/xy , zz/zw type.
3. Short notes-
 - a) Test cross
 - b) Back cross
 - c) Epistasis.

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SEMESTER – IV

Class – B.Sc. (Hons) Time – 1hr

Sub. – Zoology Core (9) F.M. – 15

Answer any two of following question -

1. What is Hardy-Weinger law of equilibrium? Explain it.
2. Explain Geological Time, Scale and Geological Era.
3. What is the type of Mutation and explain it.

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SEMESTER – IV

Class – B.Sc. (Hons) Time – 1hr

Sub. – Zoology Core (10) F.M. – 15

Answer any two of following question –

1. Describe the parental care in Amphibia.
2. What is Biological Rhythms ? Explain it.
3. Differentiate between Innate and Acquiried Behaviour.

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SEMESTER – IV

Class – B.Sc (GE/GEN) Time – 1hr

Sub. – Zoology F.M. – 15

Answer any two of following question -

1. What is Green house Gases ? Describe its effects.
2. Describe the Nitrogen Cycle.
3. Explain any two –
 - (a) Food Chain
 - (b) Ecological Pyramids
 - (c) Food Web.