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SUBJECT CODE NO: ENP-6009
FACULTY OF SCIENCE AND TECHNOLOGY
MSC. F.Y.(SEM-I) (NEP Pattern-2023-2024) Zoology
Examination November / December 2025
Biosystematics and animal Diversity-SAC165001T

[Time: 1:30 Hours]

[Max. Marks: 45]

Please check whether you have got the right question paper.

N. B

1. All questions are compulsory.
2. Draw diagram whenever necessary.
3. Use Only blue or black pen for writing.

Q1 Attempt the following Multiple Choice Questions

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1. The real founder of taxonomy is _____.
 a) Carolous Linnacus b) Aristotle
 c) John Ray d) Lamark
2. Class Sporozoa of Phylum Protozoa is characterized by _____.
 a) Cilia b) Flagella
 c) Parasitism d) All above
3. Periplaneta belongs to which phylum?
 a) Mollusca b) Arthropoda
 c) Annelida d) Protozoa
4. Which of the following is not the flying adaptation in birds?
 a) Forelimbs modified into wings
 b) Presence of functional ovary in female
 c) Have bladder for storing urine
 d) Lightness and rigidity of endoskeleton
5. Which of the following is the correct statement?
 a) Eutheria refers to egg-laying mammals
 b) Metatheria refers to Marsupials
 c) Prototheria refers to placental mammals
 d) All of the above

Q2 Write Short Notes on (Any Three)

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1. Taxonomic Keys
2. Polymorphism
3. Torsion in Gastropods
4. Larval forms in Echinodermata
5. Primates

Q3 Attempt in detail (Any Two)

1. Write in detail ICZN (International Code of Zoological Nomenclature).
2. Explain structure and life history of Obelia.
3. Give in detail classification of Class - Mammalia.

