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SUBJECT CODE NO: - F-6004
FACULTY OF SCIENCE & TECHNOLOGY
M.Sc. (Sem-I) (Zoology (Old))
Examinations December/January-2022-23
Taxonomy and Animal Diversity -401

[Time: Three Hours]

[Max. Marks: 80]

Please check whether you have got the right question paper.

N. B

- 1) Section 'A' is Compulsory.
- 2) Attempt any five question from Section B
- 3) Draw a neat labeled diagrams wherever necessary.

Part - 'A'

Q1 Attempt the following multiple choice questions.

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1) Branch of Zoology related with classification of animal called as ----

- a) Parasitology b) Ecology c) Genetics d) Taxonomy.

2) Fruit fly belongs to the phylum ----

- a) Arthropoda b) Protozoa c) Echinodermata d) Chordata.

3) Malaria fever is spread by ----

- a) chronic anaemia b) Rooting of liver
 c) Enlargement of spleen d) Mosquito bite

4) Metameric segmentation is found in the phylum -----

- a) Annelida b) Mollusca c) Echinoderm d) Porifera

5) The study of reptiles is termed as -----

- a) Ichthyology b) ophiology c) Herpatology d) None

6) Migration of bird studied under ----

- a) Kalology b) Phenology c) Ichthyology d) Ethnology

7) The fibrous tissue which connect the bone is -----

- a) Connective tissue b) Tendon c) Adipose tissue d) Ligament

8) striated and voluntary muscles fiber are found in -----

- a) Lungs b) Legs c) Gall bladder d) Blood vessels

9) which of following India's first biosphere reserves -----

- a) Sunderbans b) Nandadevi c) Nilgiri d) Pachmarhi

10) Radial symmetry occurs in -----

- a) Echinodermata and Coelentrata b) Porifera and Coelentrata
c) Mollusca and Arthropoda d) None of these

Part – 'B'

Attempt any five questions.

60

- Q2 Describe in detail biological nomenclature.
Q3 Give an account of canal system in Porifera
Q4 Explain Parasitic adaptation in Platyhelminthes.
Q5 Describe migration in fishes.
Q6 Explain Comparative account of respiratory system of vertebrates.
Q7 What is pest ? Give its classification on detail.
Q8 Describe theory of island biogeography.