



11226

B.Sc. II Semester Degree Examination, May/June 2017
ZOOLOGY
Paper – 2.1 : Biology of Chordata and Histology

Time : 3 Hours

Max. Marks : 80

- Instructions :** 1) Answer should be **specific** to the questions.
2) **Draw neat labelled diagram wherever necessary.**

I. Answer **any ten** of the following questions :

(2×10=20)

- 1) Sphenodon
- 2) Poikilotherms
- 3) Oviparous
- 4) Nocturnal
- 5) Acinar cells
- 6) Villi
- 7) Hemichordata
- 8) Gill slits
- 9) Ichthyophis
- 10) Cleidoic egg
- 11) Balanoglosses
- 12) Medicinal value of birds.

II. Answer **any four** of the following :

(5×4=20)

- 13) Ecology and distribution of Hyla and Bufo.
- 14) Poison apparatus of cobra.
- 15) Histology of thyroid gland.
- 16) Female reproductive system of rat.
- 17) General characters of class chondrichthyes.
- 18) Distinctive features of Archaeornithes.

P.T.O.



III. Answer **any four** of the following :

(10×4=40)

- 19) Describe Retrogressive metamorphosis in urochordata.
 - 20) Explain Venous system of rat.
 - 21) Give an account on flight adaptations in birds.
 - 22) Write the general characters of Mammalia with examples.
 - 23) Describe the histology of ovary.
 - 24) Write the general characters of Amphibia and classify with examples.
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