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**SIIS 187 B-2K13**

**B.Sc. IIIrd Semester Degree Examination**

**Zoology**

**(Comparative Anatomy and Histology)**

**Paper - 03**

Time : 3 Hours

Maximum Marks : 80

***Instructions to candidates:***

1. *Answer all the questions.*
2. *Draw diagrams wherever necessary.*

**I** Answer the following is not more than one sentence

**(15×1=15)**

- 1)  $\beta$  Cells
- 2) Archentron
- 3) Brunner's gland
- 4) Sinus Venosus
- 5) Optic Chiasma
- 6) Stratum germivatum
- 7) Metacarpals
- 8) Homodont
- 9) Meringes
- 10) Glenoid Cavity
- 11) Crypts of Liberkuhn
- 12) Expand SAN
- 13) Metacoel
- 14) Placoid scale
- 15) Symsacrum

- II A. Write brief answers on any three of the following (3×5=15)**
16. Digestive glands
  17. Heart of pigeon
  18. Brain of Rabbit
  19. Pelvic Girdle of calotes
- B. Write brief answer on any two of the following (2×5=10)**
20. Pancreas
  21. Graffion follicle
  22. Harmones of Gonads
- III A. Write an Explanatory note on any three of the following (3×10=30)**
23. Epidermal glands
  24. Compare the arterial system of frog and rabbit
  25. Compare the digestive system of fish and pigeon
  26. Compare the pectoral girdle of frog and pigeon
- B. Write an Explanatory note on any one of the following (1×10=10)**
27. Histology of Intestine
  28. Histology of Ovary.
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