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BACHELOR OF SCIENCE (CBCS-2018 COURSE)
F. Y. B. Sc. Sem-II : WINTER- 2022
SUBJECT : ZOOLOGY : FUNCTIONAL ANATOMY OF CHORDATES-I

Day : Monday

Time : 02:00 PM-05:00 PM

Date : 19-12-2022

W-18328-2022

Max. Marks : 60

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N.B.:

- 1) All questions are **COMPULSORY**.
 - 2) Figures to the right indicate **FULL** marks.
 - 3) Draw neat diagrams **WHEREVER** necessary.
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- Q.1** Attempt **ANY TWO** of the following. **(12)**
- a) Describe affinities of Amphioxus.
 - b) With suitable diagram describe dorsal view of brain of frog.
 - c) Describe leucocytes in frog.
- Q.2** Attempt **ANY TWO** of the following. **(12)**
- a) Give an account of metamorphosis in frog.
 - b) Describe digestive system of frog.
 - c) Describe arterial system of frog.
- Q.3** Attempt **ANY TWO** of the following. **(12)**
- a) Describe external characters of Amphioxus.
 - b) Describe hepatic portal system of frog.
 - c) Describe V. S. of eye of frog.
- Q.4** Attempt **ANY THREE** of the following. **(12)**
- a) Write a note on sense organs in Amphioxus.
 - b) Describe female reproductive system of frog.
 - c) Describe sexual dimorphism in frog.
 - d) Sketch and label dorsal view of heart of frog.
- Q.5** Attempt **ANY FOUR** of the following. **(12)**
- a) Write significance of metamorphosis.
 - b) Write a note on habit and habitat of Amphioxus.
 - c) Write a note on hibernation in frog.
 - d) Write systematic position of Amphioxus.
 - e) Write any four functions of skin of frog.
 - f) Write a note on food and feeding of Amphioxus.

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