

17/11/20
Zoology

B. N. Bandodkar College of Science, Thane
BNBUSZO504/02/2022

Time: 3 Hrs.

Marks: 100

Please check whether you have got the right question paper.

- N.B:** 1. All questions are compulsory and carry equal marks.
2. Figures to the right indicate full marks.
3. Draw neat and labelled diagrams wherever necessary.
4. Answer the questions in proper order.

Q. 1 Describe Any Two of the following:

(20)

- a) Basic structure of integument
- b) Scales in fishes.
- c) Special derivatives of integument.

Q. 2 Explain Any Two of the following:

(20)

- a) Properties and structure of bone
- b) General characters of typical vertebra with suitable diagram.
- c) General skeleton of ribs and sternum.

Q. 3 Give an account on Any Two of the following:

(20)

- a) Flexor carpal radialis
- b) Biceps brachii
- c) Tibialis anterior muscles and soleus muscles

Q. 4 Describe Any Two of the following:

(20)

- a) 48 hours chick embryo.
- b) Fate map and its construction.
- c) Structure and function of parts of hen's egg.

Q. 5 Write short notes on: (Any Four)

(20)

- a) Salt glands
- b) Feathers in birds
- c) Hyoid bone
- d) Cleavage and blastulation of egg.
- e) Claw
- f) Amnion and its functions
