

B. Sc. 3rd Semester Sessional Examination-2023
Sub-Zoology (H)
Paper- DIVERSITY OF CHORDATA
Paper Code: ZOO-HC-3016
Full Marks: 20
Time: 1 Hr

The figure in the margin indicates full marks

1. Choose the correct answer (Any 4): 1x4=4
- (i) Sound producing organ in bird is-
- (a) Larynx (c) Syrinx
(b) Trachea (d) Vocal Cord
- (ii) The posterior caudal vertebrae of bird are fused to form a structure called-
- (a) Plumage (c) Synsacrum
(b) Furcula (d) Pygostyle
- (iii) The powerful down-stroke of the wing of bird during flight is due to-
- (a) Pectoralis minor (c) Pectoralis major
(b) Coracobrachialis (d) Tensor patagialis
muscles muscles
- (iv) The kidney in mammals is-
- (a) Pronephric (c) Metanephric
(b) Mesonephric (d) Archinephric
- (v) Which of the following is a living fossil of reptiles-?
- (a) Ichthyosaurus (c) Placodon
(b) Sphenodon (d) Seymouria
2. Answer the following questions (Any 3): 2x3=6
- (i) Write two peculiar characteristics of order Monotremata, give an example.
(ii) Archaeopteryx is a connecting link between birds and reptiles- Justify.
(iii) Write four characteristics of Order Rhynchocephalia.
(iv) Explain the migration in birds?
3. Answer the following questions 5x2=10
- (i) Write about the biting mechanism of snakes.
(ii) Write about the adaptive radiation in mammals with reference to locomotory appendages.