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BF—88—2016

FACULTY OF SCIENCE

B.Sc. (Second Semester) EXAMINATION

OCTOBER/NOVEMBER, 2016

ZOOLOGY

Paper III

(Life and Diversity of Animals—II)

(MCQ+Theory)

(Saturday, 22-10-2016)

Time : 10.00 a.m. to 12.00 noon

Time—2 Hours

Maximum Marks—40

- N.B. :-**
- (i) One mark to each correct answer of MCQ.
 - (ii) Negative marking system is applicable.
 - (iii) Use black ball point pen to darken the circle of correct choice in OMR sheet.
 - (iv) Darken only one circle for the answer of an MCQ.
 - (v) Draw a well labelled diagram, wherever necessary.
 - (vi) Use separate answer-sheet (OMR) for Question No. 1.

(MCQ)

1. Multiple Choice Questions : 10

- (i) Petromyzone belongs to
 - (a) Agnatha
 - (b) Gnathostomata
 - (c) Pisces
 - (d) Tetrapoda
- (ii) In cephalochordales respiration takes place through
 - (a) Gills
 - (b) Nostrils
 - (c) Lungs
 - (d) General body surface
- (iii) Scolidon is fish.
 - (a) Marine
 - (b) Fresh water
 - (c) Estuarine water
 - (d) None of these

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- (iv) In scoliodon cranial nerves arises from
- (a) Brain (b) Kidney
(c) Heart (d) None of these
- (v) In scoliodon pairs of gill pouches are present.
- (a) 5 (b) 3
(c) 4 (d) 2
- (vi) In Anurans the adults are without
- (a) Tail (b) Tongue
(c) Eyes (d) Mouth
- (vii) Birds are
- (a) Oviparous (b) Viviparous
(c) Ovi-viviparous (d) None of these
- (viii) Birds are
- (a) Warm blooded (b) Cold blooded
(c) Both (a) and (b) (d) None of these
- (ix) External ear is an identifying character of
- (a) Mammals (b) Birds
(c) Reptiles (d) Amphibians
- (x) Human beings are included in order of
- (a) Insectivora (b) Chiroptera
(c) Rodentia (d) Primates

(Theory)

2. Concept of Retrogressive metamorphosis. 10

Or

- (a) General characters of cephalochordata.
(b) Ear of Rat.

3. Describe respiratory system of scoliodon. 10

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(3)

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Or

- (a) Economic importance of fishes.
- (b) Eye of Rat.

4. General characters of reptiles.

10

Or

- (a) Identification of poisonous and non poisonous snakes.
- (b) General characters of mammals.

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