

UNIVERSITY OF EDUCATION

"UEXAM" Semester-IV, 2019

BS Zoology Session:2017-21

Course Code: ZOOL2113

Subject: Animal Diversity-II

SECTION: I (MCQ's)

Time Allowed: 15 Minutes

Max. Marks: 12

NOTE: Encircle the correct/ best answer in each of the followings. Each Question carries 1 mark. Use of remover carries zero mark. Cutting and Overwriting is not allowed.

No. 80

Roll No. (in fig.) \_\_\_\_\_

Roll No. (in words) \_\_\_\_\_

Candidate's Signature. \_\_\_\_\_

Signature of Addl. Supdt. \_\_\_\_\_

Q1.

- Amphibians depend upon external heat source to maintain their body functions, so they are:  
a) Ectothermic  
b) Endothermic  
c) Variable in thermoregulation  
d) Unable to survive on land
- Order Sephanodontida of class reptilia is also known as  
a) Testudines b) Rhynchocephalia c) Squamata d) Crocodylia
- Organisms belonging to Order Carnivora, who feed on a variety of Plants and animals is:  
a) Lion b) Bear c) Tiger d) Sea lion
- hkidney known as:  
a) Collecting duct b) Glomerulus c) Loop of henle d) Convolved tubule
- The most obvious feathers are..... which cover the body, wings, and tail  
a) Down feathers b) Filoplume c) Contour feathers d) Hair-like
- Young birds who are completely dependent on their parents for food and are helpless at hatching are known as:  
a) Precocial b) Polyandrous c) Monogamous d) Altricial
- Cocoons open only at the nares or the mouth and in experimental situations, reduce water loss ----- over non cocooned individuals.  
a) 20 to 50% b) 20 to 30% c) 40 to 50% d) 10 to 30%
- The ventral portion of the shell in testudines is the  
a) Belly b) Carapace c) Plastron d) All
- The development of sexual maturity in a larval body form is called  
a) Parthenogenesis b) Coevolution c) Paedomorphosis d) Morphogenesis
- Tunicates or sea squirts are members of the chordate subphylum  
a) Urochordata b) Cephalochordata c) Enteropneusta d) Pterobranchia
- Sharks skin is covered with  
a) Ctenoid scales b) Placoid scales c) Dermal scales d) Cycloid scales
- Members of the Agnathans class include ----- and hagfishes.  
a) Myxini b) Cephalaspidomorphi c) Placodermi d) Chondrichthyes

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**“UEXam” Semester-IV, 2019**  
**BS Zoology Session:2017-21**

Course Code: ZOOL2113  
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Time Allowed: 75 Minutes.

Max. Marks: 33

**Section II (Short Answer)**

**Q.2- Write short answers of the following.**

**3x5 = 15**

- (i) What is the Flip and Grab feeding in Amphibians?
- (ii) What is the function of Contour feathers?
- (iii) Mention the function of Secondary Palate in reptiles?
- (iv) What is the structure and functions of Mammalian hair?
- (v) Write down the general characters of phylum Hemichordata.

**Section III (Essay Type)**

**Answer the following Questions**

**6x3 = 18**

Q.3:- Explain the mechanism of gas exchange in birds.

Q.4:- Give a detailed note on reproduction and development in reptiles.

Q.5:- Explain the nervous and sensory functions in Mammals.