

[58/A19]

SEAT No. \_\_\_\_\_

No. of Printed Pages : 2

SARDAR PATEL UNIVERSITY

B.Sc. EXAMINATION  
SEMESTER- V

B.Sc.  
US 05 C ZOO 01 (ZOOLOGY)  
(Invertebrate)

DATE: 22-10-2018(Monday) TIME: 10:00pm TO 01:00pm TOTAL MARKS : 70

Q-1 multiple choice question

10

1. Survival of fittest Law gave by \_\_\_\_\_.  
a) Lamarck b) Cuvier c) John ray d) Darwin
2. Which one of the following is not a type of classification?  
a) Natural b) Evolutionary c) Hereditary d) Phenetic
3. The scientific name of fauna written in \_\_\_\_\_ language.  
a) French b) English c) Russian d) None of these
4. Sponge are belongs to \_\_\_\_\_ Phylum  
a) Porifera b) Artopoda c) Protozoa d) none
5. Coral reef found \_\_\_\_\_ state.  
a) M.P. b) Gujarat c) U.P. d) Rajasthan
6. Poison gland present in \_\_\_\_\_ part of sea anemone.  
a) Crown b) neck c) Stock d) none
7. When the egg of ascaris is swallowed by man it settles in  
a) anus b) mouth c) stomach d) intestine
8. Sting is found in \_\_\_\_\_.  
a) Ascaris b) sea anemone c) scorpion d) none
9. Which sensory organ found in sepia found in...  
a) Ink gland b) Succer c) Eye d) All
10. Torsion phenomenon found in.....  
a) Chephalopoda b) Gastropoda c) Phuedopodia d) None of these

(1)

(P.T.O.)

**Q-2 Short questions (write any 10)**

**20**

1. Which type of theory given by Darwin, define with examples
2. What is Von Baer's Law, define with examples
3. Write brief note on Electron microscopy
4. Write general characters of Metazoa
5. Write external characters of sea anemone
6. Draw label diagramme of coral polyps
7. What is Trochophore larva
8. Write only name of sensory organ of ascaris
9. What is flam cell?
10. What is Peripatus write it importance
11. Write general characters of Mollusca
12. Write character of echinodermata

Q-3 a) Write rules of animal binominal nomenclature explain with suitable examples 07

b) Define taxonomy hierarchy in short 03

OR

Q-3 a) Explain in detail note on modern trends in animal taxonomy 07

b) Write brief note on nutrition in protozoa 03

Q-4 a) What is coral? Describe coral reefs in short 07

b) Write asexual reproduction in sea anemone 03

OR

Q-4 a) Write digestive system of sea anemone 07

b) Write Importance of polymorphism 03

Q-5 Explain urinogenital system of Ascaris 10

OR

Q-5 Write detail note on digestive system of scorpion 10

Q-6 Explain water vascular system of starfish 10

OR

Q-6 a) Write a note on living fossil 07

b) Brief note on Mollusca 03

— X —  
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