

SARDAR PATEL UNIVERSITY
B.Sc. EXAMINATION
SEMESTER- V
US O5 C ZOO 01
INVERTIBRATA
ZOOLOGY

DATE 12/11/13 –TUESDAY

TIME : 10:30 – 01:30pm

TOTAL MARKS-70

Q-1 Multiple Choice Questions:

10

1. Who is the father of biological classification?
a) Aristotal b) Lemark c) Darwin d) none
2. The term taxonomy which is derived from
a) Greek word -taxi b) Greek word –taxies c) Greek word –taxo d) All
3. The scientific name is written in..
a) English b) French c) Latin d) All
4. What type of asexual reproduction is found in porifera
a) by budding b) Fertilization c) a & b d) none
5. Skeleton of coral made of by
a) Mgso4 b) H2so4 c) Cuso4 d) none
6. Which one of the following is a acoelomate and tribloblctic animal
a) porifera b) protozoa c) coelentrata d) all of these
7. The sciencentific name of Ascaris is
a) Ascaris ascariedii b) Ascaris lumbricoides c) Ascaris velureedii d) none
8. Pectin is found in....
a) ascaris b) sea anemone c) scorpion d) none
9. Ink gland found in...
a) Limulus b) Spider c) Starfish d) Sepia
10. which phenomenon found in molusca?
a) Torsion b) Pectin c) Fang d) none of this

Q-2 Short Questions: [any ten]

20

1. Write the contributions of Darwin in animal taxonomy
2. Define natural classification
3. Define Neotaxonomy
4. Draw neat and clean diagramme of coral polyps
5. What is the meaning of coral reefs?
6. Define polymorphism
7. Write only name of sensory organ of ascaris
8. Classify Ascaris giving reasons
9. Classify scorpion giving reasons

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10. Define crustaceans.
11. Classify Peripatus giving reasons
12. Write four names of larva of crustaceans.

- Q-3 a) Explain animal binominal nomenclature with suitable example 06
b) Write any two nutrition in protozoa 04
- OR
- Q-3 a) Describe history of animal taxonomy 10
- Q-4 Describe coral and coral reefs 10
- OR
- Q-4 a) Importance of polymorphism 05
b) Economic importance of coral 05
- Q-5 Explain Digestive system of Ascaris with digestion 10
- OR
- Q-5 Describe nervous system of scorpion 10
- Q-6 Explain Digestive system of Sepia 10
- OR
- Q-6 a) Write a note on zoological importance of limulus 05
b) Brief note on Pedicelaria in star fish 05