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SARDAR PATEL UNIVERSITY No. of Printed Pages: 02

SEAT No. _____

B.Sc. EXAMINATION
SEMESTER- V
B.Sc.

US 05 C ZOO 21 (ZOOLOGY)
(Invertebrate)



DATE: 10-11-2022 (Thursday) TIME:10.00am TO 01.00pm TOTAL MARKS : 70

Q-1 multiple choice question

10

1. Who gave "Natural Selection's Law"?
a) Lamarck b) Cuvier c) John ray d) Darwin
2. Which one is correct scientific name of Lion?
a) PantheraLeo b) Panthera Leo persica c) *Panthera Leo* d) Pantheraleo
3. In language is the scientific name written?
a) English b) French c) Latin d) All
4. Excretory part of luecosolenia is.....
a) Sponges b) Osculum c) spicules d) None of these
5. Where corals are found In Gujarat _____
a) Veraval b)Mandvi c) Jamnagar d) Khambhat
6. Poison gland present in which part of sea anemone ..
a) crown b) neck c) stock d) none
7. Accessory reproductive organ of male Ascaris is
a) Copulatory setae b) Pectin c) Setae d) None of these
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. Water vascular system found in _____
a)Earthworm b) Starfish c)Jellyfish d)Ascaris

①

(P.T.O.)

Q-2 Short questions (write any 10)

20

1. Write in brief contributions of Aristotle in taxonomy
2. Define animal taxonomy
3. Define taxonomy hierarchy
4. Write general characters of metazoan in brief
5. Draw and labelled diagram of Jellyfish external structure
6. Draw label diagram of coral polyps
7. Write significance of Trochophore larva
8. Write only name of sensory organ of Ascaris
9. Draw and labeled diagram of flam cell
10. Classify Sepia with suitable characters
11. Write general characters of Mollusca
12. Write any four name of Echinodermata animals

Q-3 a) What is taxonomy hierarchy explain with suitable example 06

b) Write contribution of Linnaeus in Animal taxonomy in brief. 04

OR

Q-3 Explain in detail note on sexual reproduction in Paramecium 10

Q-4 Write essay on coral and coral reefs 10

OR

Q-4 a) Describe digestive system of sea anemone 06

b) Importance of polymorphism 04

Q-5 a) Write a note on digestive system of Ascaris 06

b) Write note on sense organ of Ascaris 04

OR

Q-5 Explain digestive system of scorpion 10

Q-6 Explain in detail water vascular system of starfish 10

OR

Q-6 a) Write a note on digestive system of sepia 07

b) Brief note on ink gland in sepia 03

