**School of Fisheries**

**Centurion University of Technology and Management**

**Paralakhemundi**

**Semester II**

**Taxonomy of Shellfish (FSRM1102); 2 (1-1-0)**

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| --- | --- | --- | --- | --- |
| S. NO | MCQ | Instructions |  |  |
| 1 |  | Arthropods prevents desiccation by means of  |  |  |
| A | Molting |  |  |
| B | Ecdysis |  |  |
| C | Both A and B | Yes |  |
| D | Neither A nor B |  |  |
| 2 |  | *Artemia* comes under which of the following subclass |  |  |
| A | Cephalocarida |  |  |
| B | Branchiopoda | Yes |  |
| C | Ostracoda |  |  |
| D | Mystacocarida |  |  |
| 3 |  | Which organism have laterally compressed body with poorly segmented. |  |  |
| A | Seed or mussel shrimp | Yes |  |
| B | Isopods |  |  |
| C | Crab |  |  |
| D | All the above |  |  |
| 4 |  | Euphosiacea are |  |  |
| A | Mantis shrimp |  |  |
| B | Krill | Yes |  |
| C | Squid |  |  |
| D | Shrimp |  |  |
| 5 |  | Organism/s comes under the subclass malacostraca |  |  |
| A | Shrimps |  |  |
| B | Lobster |  |  |
| C | Crayfish |  |  |
| D | All the above | Yes |  |
| 6 |  | Arthropoda  |  |  |
| A | Organism have segmented body and jointed appendages | Yes |  |
| B | Organisms have only segmented body |  |  |
| C | Vertebrate animal |  |  |
| D | None of the above |  |  |
| 7 |  | The exoskeleton made up of chitin mineralized with calcium carbonate in |  |  |
| A | Fishes |  |  |
| B | Marine mammals |  |  |
| C | Lobsters | Yes |  |
| D | Corals |  |  |
| 8 |  | Class Insecta belongs in which Subphylum |  |  |
| A | Subphylum Trilobitomorpha |  |  |
| B | Subphylum Chelicerata |  |  |
| C | Subphylum Mandibulata | Yes |  |
| D | Subphylum Arachnida |  |  |
| 9 |  | The tergite may overhang freely over the sternites in crustaceans are called |  |  |
| A | Arthrodial membrane  |  |  |
| B | Pleuron  | Yes |  |
| C | Telson |  |  |
| D | Exopod |  |  |
| 10 |  | Walking legs are |  |  |
| A | Maxillipeds |  |  |
| B | Pereopods | Yes |  |
| C | Pleopods |  |  |
| D | Telson |  |  |
| 11 |  | Species comes under the Order Cladocera |  |  |
| A | *Artemia* |  |  |
| B | *Daphnia* |  |  |
| C | *Moina* |  |  |
| D | Both B and C | Yes |  |
| 12 |  | The order of arrangement of articles in a typical malacostracan endopod |  |  |
| A | Coxa, Basis, Ischium, Merus, Carpus, Propodus and Dactylus | Yes |  |
| B | Basis, Ischium, Merus, Carpus, Propodus and Dactylus |  |  |
| C | Coxa, Basis, Merus, Carpus, Propodus and Dactylus |  |  |
| D | Coxa, Ischium, Merus, Carpus, Propodus and Dactylus |  |  |
| 13 |  | The Adults of this organisms are sessile, parasitic or attached to rocks, piles, seaweeds, boats etc. by cement gland on first antenna. |  |  |
| A | Copepod |  |  |
| B | Argulus |  |  |
| C | Barnacles | Yes |  |
| D | Seed shrimp |  |  |
| 14 |  | How many pairs of appendages are present in cephalic region of shrimps |  |  |
| A | 5 | Yes |  |
| B | 8 |  |  |
| C | 6 |  |  |
| D | 13 |  |  |
| 15 |  | Which of the following is not a true segment |  |  |
| A | Head |  |  |
| B | Thorax |  |  |
| C | Abdomen |  |  |
| D | Telson | Yes |  |
| 16 |  | Seed shrimp belongs in |  |  |
| A | Subclass Cephalocarida |  |  |
| B | Subclass Branchiopoda |  |  |
| C | Subclass Ostracoda | Yes |  |
| D | Subclass Mystacocarida |  |  |
| 17 |  | Incisor process is present in which of the following appendage |  |  |
| A | Mandibles | Yes |  |
| B | Pleopods |  |  |
| C | Pereopods |  |  |
| D | Uropods |  |  |
| 18 |  | Excretory gland/s in arthropods |  |  |
| A | Antennal gland |  |  |
| B | Maxillary gland |  |  |
| C | Trachea |  |  |
| D | Both A and B | Yes |  |
| 19 |  | Male genital structure in shrimp |  |  |
| A | Thelycum |  |  |
| B | Petasma | Yes |  |
| C | Ovary |  |  |
| D | All the above |  |  |
| 20 |  | Copepods belongs in |  |  |
| A | Subclass Copepoda | Yes |  |
| B | Subclass Branchiura |  |  |
| C | Subclass Cirripedia |  |  |
| D | Subclass Malacostraca |  |  |