BIO211

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Question: The formation of a gut \_\_\_\_ the blastocoel,

Answer: Reduces

Question: An important structural adaptation in coelomates is \_\_\_\_\_.

Answer: Metamerism

Question: The body cavity in annelids is surrounded by epithelial cells of \_\_\_\_\_ origin.

Answer: Mesodermal

Question: The word Oligochaeta means \_\_\_\_.

Answer: few bristles

Question: In <em>Lumbricus terrestris,</em> protractor and retractor muscles associated with the chaetae enable them to be \_\_\_\_.

Answer: Protracted

Answer: Withdrawn

Question: In <em>Lumbricus terrestris,</em> the thin walled crop is used as a \_\_\_\_\_ organ.

Answer: Storage

Question: In <em>Lumbricus terrestris,</em> the chaetae point in the \_\_\_\_ direction.

Answer: Posterior

Question: \_\_\_\_\_ is the chief nitrogen-containing end product of protein metabolism in aquatic annelids.

Answer: Ammonia

Question: The ability to detect vibrations transmitted through solid objects is very important for an animals that live \_\_\_\_\_.

Answer: Underground

Question: In earthworms, the sperm receptacles, in segments open through pores to the \_\_\_\_ surface.

Answer: Ventral

Question: Thoroughly ground soil and secretions from the gizzard of annelids act as \_\_\_\_\_.

Answer: Cement

Question: Annelids have well-developed excretory, nervous and \_\_\_\_\_ systems.

Answer: Reproductive

Question: Class Chaetodermomorpha consists of \_\_\_\_ known species.

Answer: Seventy

Answer: 70

Question: The feeding organ of molluscs is called the \_\_\_\_.

Answer: Radula

Question: There are about 20,000 species of bivalves.

Answer: 20,000

Answer: Twenty thousand

Question: The largest of the mollusc classes is the class \_\_\_\_\_.

Answer: Gastropoda

Question: The feeding habit of <em>Helix </em>is \_\_\_\_\_.

Answer: Herbivorous

Question: In pulmonates, the mantle cavity is modified to form a \_\_\_\_\_.

Answer: Lung

Question: The shell of molluscs has \_\_\_\_ layers.

Answer: Three

Answer: 3

Question: Lime is manufactured from \_\_\_\_\_of cuttlefish.

Answer: Cuttlebone

Question: There are about \_\_\_\_ described species of Chelicerata.

Answer: 63,000

Answer: Sixty three thousand

Answer: 63000

Question: Members of the class Pycnogonida are commonly called \_\_\_\_.

Answer: sea spiders

Question: The second pair of appendages of chelicerates are called \_\_\_\_\_.

Answer: Pedipalps

Question: In <em>Astacus, </em>food is moved entirely by \_\_\_\_\_.

Answer: Peristalsis

Question: About \_\_\_\_ crustacean species are known.

Answer: 40,000

Answer: Forty thousand

Question: The balancing organs in <em>Astacus </em>are the \_\_\_\_\_.

Answer: Statocysts

Question: The Onychophora are otherwise known as \_\_\_\_\_.

Answer: Velvet worms

Question: Members of the class Diplopoda are commonly known as \_\_\_\_\_.

Answer: Millipedes

Question: The common name for the order Collembola is \_\_\_\_\_.

Answer: Reciprocal

Question: The myriapods and insects are together known as \_\_\_\_\_.

Answer: Uniramians

Question: \_\_\_\_\_ is an example of touch receptor in grasshoppers.

Answer: campaniform sensillum

Answer: tactile hair

Question: The study of insects is known as \_\_\_\_.

Answer: Entomology

Question: The phylum \_\_\_\_\_ is a link between the invertebrates and the chordates.

Answer: Echinodermata

Question: <em>Asterias </em>was tudied as a representative echinoderm because it is \_\_\_\_\_.

Answer: Cosmopolitan

Question: Echinoderms are \_\_\_\_\_\_ symmetrical in adult form.

Answer: Radially

Question: The pseudocoel is a derivative of the \_\_\_\_\_\_.

Answer: blastocoel

Question: The following are significance of the coelom except \_\_\_\_\_.

Answer: Organs that are embedded in semi-solid tissue as in the acoelomates

Question: The under listed are the Diagnostic and special features of the Annelida except \_\_\_\_\_\_.

Answer: Body two cell layers thick, with tissues and organs.

Question: Leeches are mainly known for their \_\_\_\_ blood sucking habits

Answer: ectoparasitic

Question: The body wall is completed by a well-developed layer of circular muscleand a layer of longitudinal muscle, which is arranged thus

Answer: six ventro-lateral, two dorso-lateral and one ventral

Question: In <em>Lumbricus</em><em> </em><em>terrestris</em><em>,</em> glands that secrete digestive enzymes are present in the under listed except \_\_\_\_\_;

Answer: gizzard

Question: In the intestinal region of <em>Lumbricus</em>, the peritoneum gives rise to a dense layer of \_\_\_\_ cells,

Answer: chloragogenous

Question: In <em>Lumbricus</em>, one pair of nephridia that closely resemble those of <em>Nereis</em><em>, </em>are present in every segment except the:

Answer: first three and the last

Question: The following are sense organs of Oligochaetes except \_\_\_\_.

Answer: Physioreceptors

Question: The following are forms of asexual reproduction in the annelids except \_\_\_\_\_\_.

Answer: copulation

Question: Earthworms are important prey for \_\_\_\_. I. birds II. mammals III. fishes.

Answer: I and II

Question: The nervous system is made up of \_\_\_\_. I. bi-lobed ‘brain II. nerves III. sensory cells

Answer: I and II

Question: The following are associated with the phylum mollusca except \_\_\_\_.

Answer: readily available

Question: The following are classes of molluscs except \_\_\_\_\_.

Answer: Oligoplacophora

Question: The following features of the Class Cephalopoda except \_\_\_\_.

Answer: Both marine and freshwater animals

Question: The digestive gland of <em>Helix </em>is composed of three kinds of cells except \_\_\_\_\_.

Answer: Ciliated

Question: In Gastropods, tactile cells are concentrated in the following body regions except the\_\_\_\_\_.

Answer: None of the options

Question: <span style="color:#333333">Arthropods are found at all depths of the following environments except \_\_\_\_\_\_.

Answer: Permanent Ponds

Question: The following are the classes of the subphylum Chelicerata except \_\_\_\_\_\_\_.

Answer: Branchiopoda

Question: The following classes of the subphylum Crustacea except \_\_\_\_\_\_\_.

Answer: Cephaloida

Question: Members of the class \_\_\_\_ are the periodic ectoparasites of marine and freshwater fish.

Answer: Branchiura

Question: <em>Astacus</em><em> </em>is divided into \_\_\_\_ regions.

Answer: 3

Question: Crayfish can be taken up roughly \_\_\_\_\_% of the oxygen available in solution in the water current.

Answer: 60 to 70

Question: In <em>Astacus</em> blood is supplied to capillaries within the inner sac by the \_\_\_\_\_ artery,

Answer: antennary

Question: <em>\_\_\_\_\_\_ </em>is a parasite of crabs.

Answer: <em>Sacculina</em>

Question: The following are <em>special features</em> of Myriapodous arthropods except \_\_\_\_\_\_.

Answer: Has a waxy epicuticle

Question: The common name for the order Odonata is \_\_\_\_\_.

Answer: Dragonflies

Question: The two pairs of of a grasshopper’s wings are located on the \_\_\_\_ segments of the thorax.

Answer: second and third

Question: Grasshoppers/locusts exhibit the under listed methods of locomotion except \_\_\_\_\_.

Answer: Glidding

Question: The deuterostomes comprises: I. echinoderms II. chordates III. invertebrates

Answer: I and II

Question: The following are the characteristics of the echinoderms except \_\_\_\_\_\_.

Answer: three types of body form among adults

Question: The following are the characteristics of the subphylum Crinozoa except \_\_\_\_\_\_.

Answer: mouth directed downwards

Question: The following enzymes are involved in <em>Asterias</em>’ digestion except \_\_\_\_.

Answer: protase

Question: A female <em>Asterias</em><em> </em>may release up to \_\_\_\_ million eggs in two hours.

Answer: 2.5

Question: Unique attributes if the echinoderms include: I. pentaradial symmetry II. circulatory system III. water vascular system

Answer: I and III