

BIO211

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 *Lumbricus terrestris*, protractor and retractor muscles associated with the chaetae enable them to be _____.

Answer: Protracted

Answer: Withdrawn

Question: In *Lumbricus terrestris*, the thin walled crop is used as a _____ organ.

Answer: Storage

Question: In *Lumbricus terrestris*, 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 *Helix* 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 *Astacus*, food is moved entirely by _____.

Answer: Peristalsis

Question: About ____ crustacean species are known.
Answer: 40,000

Answer: Forty thousand

Question: The balancing organs in *Astacus* 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: *Asterias* was studied 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 muscle and a layer of longitudinal muscle, which is arranged thus

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

Question: In *Lumbricus terrestris*, glands that secrete digestive enzymes are present in the under listed except ____;

Answer: gizzard

Question: In the intestinal region of *Lumbricus*, the peritoneum gives rise to a dense layer of ____ cells,

Answer: chloragogenous

Question: In *Lumbricus*, one pair of nephridia that closely resemble those of *Nereis* 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 *Helix* 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: 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: Cephaloidea

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

Answer: Branchiura

Question: *Astacus* 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 *Astacus* blood is supplied to capillaries within the inner sac by the ____ artery,

Answer: antennary

Question: _____ is a parasite of crabs.

Answer: *Sacculina*

Question: The following are *special features* 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 *Asterias*'s digestion except _____.

Answer: protase

Question: A female *Asterias* may release up to _____ million eggs in two hours.

Answer: 2.5

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

Answer: I and III