

NDA-CDS

TOP 25 MCQS

ANIMAL KINGDOM

BIOLOGY

SSBCrack
EXAMS



SHIVANGI MA'AM

Which Of The Features Is NOT The Basis For The Broad Classification Of Animalia?

- a) Levels of organization
- b) Symmetry
- c) Locomotion
- d) More than one of the above

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• The broad classification of Animalia is based on some common fundamental features like:

1. Levels of organization

2. Symmetry

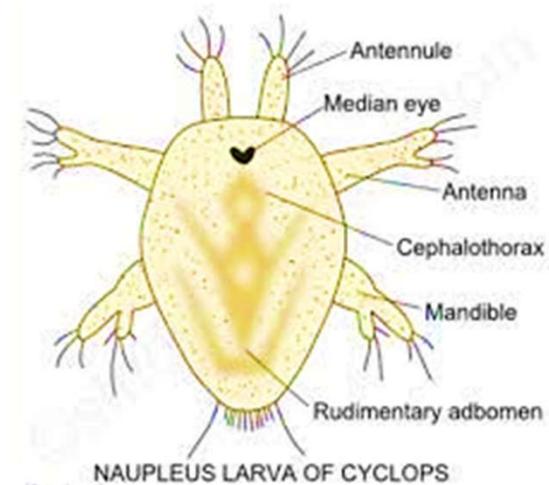
3. Body cavity or coelom

Nauplius Larva Is Found In Which Phylum?

- a) Mollusca
- b) Echinodermata
- c) Arthropoda
- d) More than one of the above

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- Nauplius larva refers to a larval stage of crustaceans.
- Crustaceans belong to the phylum Arthropoda and have the characteristic feature of a chitinous exoskeleton.

Presence Of Notochord, Is The Distinctive Feature Of Which Of The Following Phylum?

- a) Annelida
- b) Chordata
- c) Echinodermata
- d) More than one of the above

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- Animals belonging to the phylum Chordata are basically characterized by the presence of a notochord, a dorsal hollow nerve cord, and paired pharyngeal gill slits.

Prawns And Butterflies Belong To The Same Phylum Because Of The Presence Of _____.

- a) bilateral symmetry
- b) jointed legs
- c) antennae
- d) segmented body

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- The word 'arthropod' means 'jointed legs'.
- Ex: houseflies, spiders, scorpions, prawns, butterflies and crabs.

Cuttlefish Belongs To Phylum _____.

A. Echinodermata

B. Mollusca

C. Annelida

D. Pisces

Cuttlefish Belongs To Phylum _____.

A. Echinodermata

B. Mollusca

C. Annelida

D. Pisces

- Cuttlefish or cuttles are marine Molluscs of the Phylum Mollusca.

Which Of The Following Has The Largest Brain In Proportion To Its Body Size?

- a) Ant
- b) Elephant
- c) Dolphin
- d) Human Being

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- Dolphins have the highest brain-to-body weight ratio of all cetaceans.
- Bottlenose dolphins have bigger brains than humans, and they have a brain-to-body-weight ratio greater than great apes do.



Which Of The Following Is A Cold Blooded Animal?

- a) Whale
- b) Eagle
- c) Shark
- d) Kangaroo

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- Sharks don't fit the criteria for mammals as they don't produce milk, they don't have hair, and most of them are cold-blooded.

Why Does The Female Mosquito Suck Blood?

- a) For spreading Malaria
- b) For generating infection
- c) To save her own life
- d) To reproduce eggs

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- The female mosquito requires blood to produce eggs. Her mouthparts are constructed so that they pierce the skin, literally sucking the blood out.

Which Of The Following Has Four Chambered Heart?

a) Peacock

b) Sea horse

c) Frog

d) Fish

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- The frog belongs to the class Amphibia and has a characteristic three-chambered heart with 2 auricles and 1 ventricle.
- Fishes have a two-chambered heart.
- Sea horses have a two-chambered heart

Which One Of The Following Is An Egg-laying Mammal?

a) Mongoose

b) Platypus

c) Whale

d) Mole

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- A platypus is a mammal that lays eggs. It does not give birth to its young ones. But it has all other characteristics of a mammal-like being warm-blooded and having hair on the body.

Which Is NOT An Example Of One-sided Symbiotic Relationship?

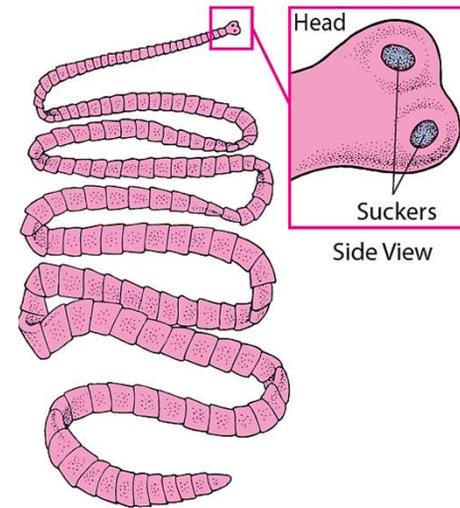
- a) Cattle egrets and cattle
- b) A hermit crab and an empty seashells
- c) A spider on a tree
- d) Tapeworm in host's stomach

Which Is NOT An Example Of One-sided Symbiotic Relationship?

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- c) A spider on a tree

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- Tapeworm in the host's stomach is an example of Parasitism.



Which Type Of Bird's Beak Is Used To Tear And Eat Meat?

- a) Cone shaped beak
- b) Straight & thin beak
- c) Hooked beak
- d) Long, thin needle like beak

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- It helps to tear and break flesh. Eagles have such a type of beak.

**In The Case Of Poriferans The Spongocoel Is Lined
With Flagellated Cells Called :**

- a) Mesenchymal cells
- b) Ostia
- c) Oscula
- d) Choanocytes

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d) Choanocytes

- The collars of the choanocytes are the site of nutrient absorption in the sponges.
- Spongocoel is lined by special flagellated cells called choanocytes (collar cells).
- The beating of the flagella of these cells creates a water current that helps in the pumping of the water in the spongocoel.

Venus Flower Basket Represents One Of The Following

- a) Hyabonema
- b) Euplectella
- c) Spongilla
- d) Sycon

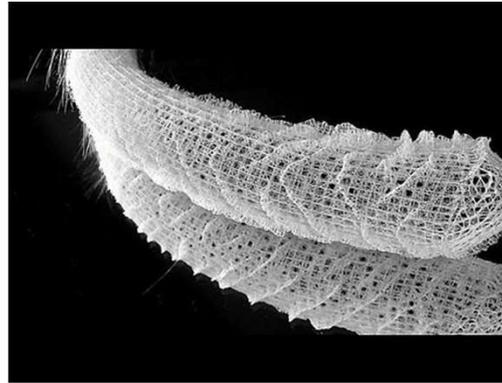
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a) Hyabonema

b) Euplectella

c) Spongilla

d) Sycon



- It is commonly known as Venus' flower basket.
- It is called so because of its delicate, white, lattice-like skeleton.

Which Of The Following Does Not Belong To Phylum Coelenterata?

- a) Sea pen
- b) Sea feather
- c) Sea cucumber
- d) Sea fan

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- Sea cucumber is the common name of a marine animal belonging to the Phylum Echinodermata.

The Body Of The _____ Is Circular In Cross-section, Hence, The Name Roundworms. They May Be Free Living, Aquatic And Terrestrial Or Parasitic In Plants And Animals.

- a) Platyhelminthes
- b) Ctenophores
- c) Mollusca
- d) Aschelminthes

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d) Aschelminthes

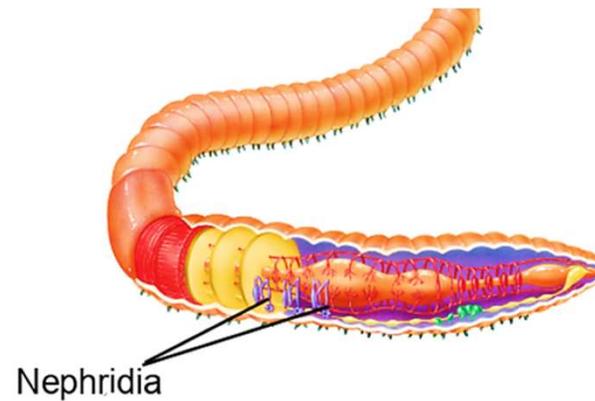
- Roundworms are the popular name for Aschelminthes.
- They are distinguished by having a pseudocoelom.

Unique Characteristics Of Annelida Is:

- a) Coelom
- b) Nephridia
- c) Hermaphrodite
- d) Alimentary canal complete

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- Nephridia are the excretory gland present in Annelida.

Which Of The Following Organisms Does Not Belong To The Phylum Annelida?

- a) Nereis
- b) Pheretima
- c) Hirudinaria
- d) Limulus

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- a) Nereis
- b) Pheretima
- c) Hirudinaria
- d) **Limulus**



- *Limulus* belong to the *Phylum Arthropoda* which is the largest phylum of Animalia which includes insects.

What Cells Help In Osmoregulation In Platyhelminthes?

- a) Nerve cells
- b) Flame cells
- c) Ganglia
- d) Hooks

What Cells Help In Osmoregulation In Platyhelminthes?

a) Nerve cells

b) Flame cells

- Flame cells play a primary role in osmoregulation, the process by which a balance of water and ions is maintained within the body.

c) Ganglia

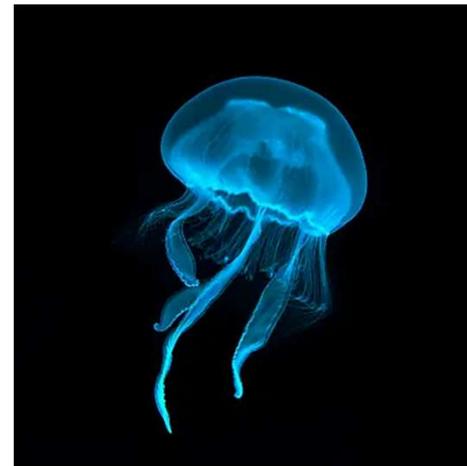
d) Hooks

Jellyfish Are An Example Of Which Type Of Phylum?

- a) Phylum - Protozoa
- b) Phylum - Cnidaria
- c) Phylum - Porifera
- d) Phylum - Ctenophora

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- d) Phylum - Ctenophora



- Jellyfish are actually Invertebrates (without spinal cord) and not fish.

Into How Many Kingdoms Did Whittaker Classify Organisms:

a. 5

b. 7

c. 8

d. 3

Into How Many Kingdoms Did Whittaker Classify Organisms:

a. 5

- Whittaker classified organisms into five broad kingdoms which are as follows:

b. 7

- Monera
- Fungi
- Plantae
- Protista
- Animalia

c. 8

- These groups are created on the basis of their source of nutrition, cell structure, and body organization.

d. 3

On Which Basis Is Phylum Porifera Classified As:

a. Reproduction

b. Symmetry

c. Branching

d. Spicules

On Which Basis Is Phylum Porifera Classified As:

a. Reproduction

b. Symmetry

- Phylum Porifera has organisms with holes that have a harder skeleton and a porous body. The skeleton of these organisms has separate spicules which are microscopic crystalline structures that help in maintaining form and rigidity.

c. Branching

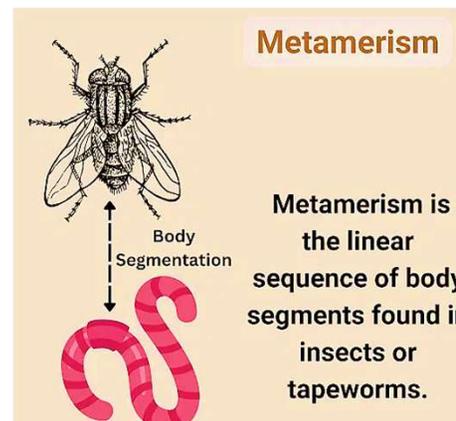
d. Spicules

Some Organisms Have Their Body Divided Into Many Compartments Where There Is An Observed Serial Repetition Of At Least Some Organs. This Feature Is Known As:

- a) Segmentation
- b) Metamorphosis
- c) Metamerism
- d) Metagenesis

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- Metamerism refers to the characteristic where the body of an organism is externally divided into various segments wherein at least some organs are repeated. It is observed in three animal phyla: Chordata, Arthropoda, and Annelida

Which Of The Following Phylum Has Organisms That Have An Open Circulatory System And Who Respire Through Their Gills:

- a) Echinodermata
- b) Hemichordata
- c) Chordata
- d) Porifera

Which Of The Following Phylum Has Organisms That Have An Open Circulatory System And Who Breathe Through Their Gills:

a) Echinodermata

b) Hemichordata

c) Chordata

d) Porifera

- Phylum hemichordata includes animals that are fragile and soft. They have a single-layered epidermis and have an organ system organization level. Having an open circulatory system, they respire or breathe through their gills as they are marine creatures. External fertilization is seen in these organisms as they have separate sexes. They observe a direct development.

Out Of The Following, Which Vertebrates Is NOT A Reptile:

- a) Crocodile
- b) Penguin
- c) Lizard
- d) Turtles

Out Of The Following, Which Vertebrates Is NOT A Reptile:

a) Crocodile

b) Penguin

c) Lizard

d) Turtles

- Penguin is a vertebrate and is known to belong to the Phylum Chordata. This includes bilaterally symmetrical organisms with a nerve cord and a closed type circulatory system.

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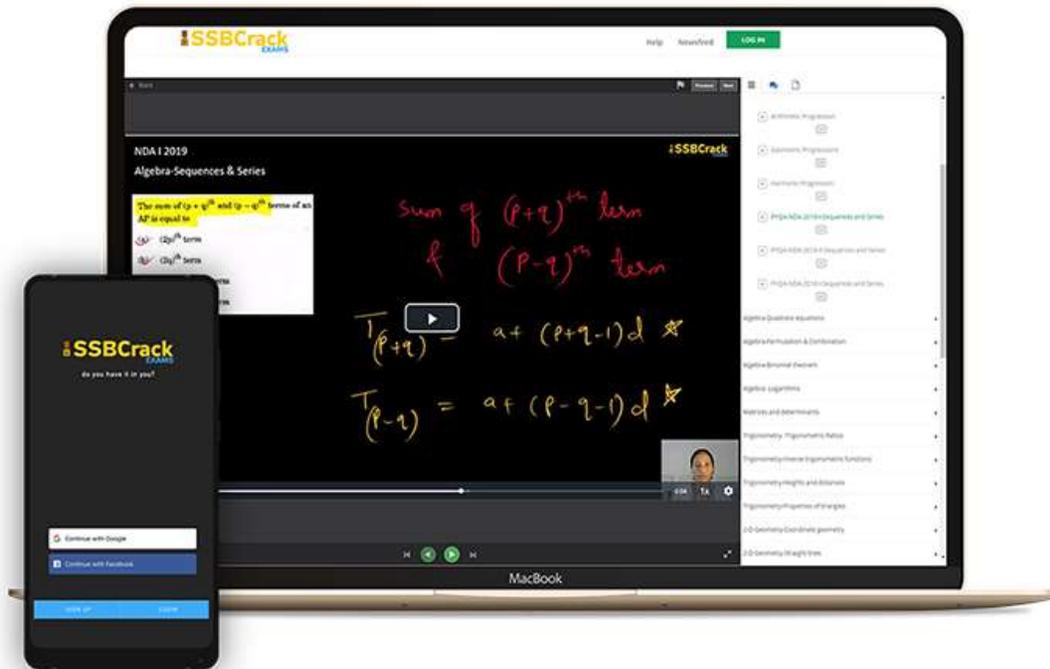
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