

NEET ANIMAL KINGDOM — PHYLUM COELENTERATA (CNIDARIA) AND CTENOPHORA — PYQS

Max. Marks: 32

Questions: 8

Section A (MCQ) — 8 questions

Q.1 Match **List-I** with **List-II**.

List-I		List-II	
a.	Metamerism	i.	Coelenterata
b.	Canal system	ii.	Ctenophora
c.	Comb plates	iii.	Annelida
d.	Cnidoblasts	iv.	Porifera

Choose the correct answer from the options given below. [NEET (UG) 2021]

(1) (a)-(iv), (b)-(i), (c)-(ii), (d)-(iii)

(2) (a)-(iv), (b)-(iii), (c)-(i), (d)-(ii)

(3) (a)-(iii), (b)-(iv), (c)-(i), (d)-(ii)

(4) (a)-(iii), (b)-(iv), (c)-(ii), (d)-(i)

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Q.2 Metagenesis refers to [AIPMT 2015]

(1) occurrence of a drastic change in form during post-embryonic development

(2) presence of a segmented body and parthenogenetic mode of reproduction

(3) presence of different morphic forms

(4) alternation of generation between asexual and sexual phases of an organism.

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Q.3 Select the taxon mentioned that represents both marine and fresh water species. [AIPMT 2014]

(1) Echinoderms (2) Ctenophora

(3) Cephalochordata (4) Cnidaria

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Q.4 Which one of the following living organisms completely lacks a cell wall? [AIPMT 2014]

(1) Cyanobacteria (2) Sea-fan (*Gorgonia*)(3) *Saccharomyces* (4) Blue-green algae

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Q.5 Which one of the following groups of animals reproduces only by sexual means?

[NEET 2013 (Karnataka)]

(1) Cnidaria

(2) Porifera

(3) Protozoa

(4) Ctenophora

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Q.6 Biradial symmetry and lack of cnidoblasts are the characteristic of [AIPMT 2006]

(1) *Hydra* and starfish

(2) starfish and sea anemone

(3) *Ctenoplana* and *Beroe*(4) *Aurelia* and *Paramecium*

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Q.7 In which of the following animals nerve cell is present but brain is absent? [AIPMT 2002]

(1) Sponge

(2) Earthworm

(3) Cockroach

(4) *Hydra*

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Q.8 In *Hydra*, waste material of food digestion and nitrogenous waste material are removed respectively from [AIPMT 2001]

(1) mouth and mouth

(2) body wall and body wall

(3) mouth and body wall

(4) mouth and tentacles

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ANSWER KEY

Ques.	1	2	3	4	5	6	7	8			
Ans.	4	4	4	2	4	3	4	3			