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NEET REPRODUCTION IN ORGANISMS — ASEXUAL REPRODUCTION (BINARY FISSION, BUDDING, SPORES, VEGETATIVE PROPAGATION) — PYQS

Max. Marks: 32 **Questions:** 8

Section A (MCQ) — 8 questions

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

List - I		List - II	
a.	*Chlamydomonas*	i.	Conidia
b.	*Penicillium*	ii.	Zoospores
c.	*Hydra*	iii.	Gemmules
d.	Sponge	iv.	Buds

Choose the correct answer from the options given below : [NEET (UG) 2022 (Phase 2)]

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

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Q.2 Offsets are produced by [NEET 2018]

(1) parthenocarpy (2) parthenogenesis
(3) meiotic divisions (4) mitotic divisions

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Q.3 Which one of the following statements is not correct? [NEET 2016 (Phase 2)]

(1) Offspring produced by the asexual reproduction are called clone.
(2) Microscopic, motile, asexual reproductive structures are called zoospores.
(3) In potato, banana and ginger, the plantlets arise from the internodes present in the modified stem.
(4) Water hyacinth, growing in the standing water, drains oxygen from water that leads to the death of fishes.

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Q.4 Which of the following pairs is not correctly matched? [AIPMT 2015]

(1)

Mode of reproduction	Example
Binary fission	Sargassum

(2)

Mode of reproduction	Example
Conidia	Penicillium

(3)

Mode of reproduction	Example
Offset	Water hyacinth

(4)

Mode of reproduction	Example
Rhizome	Banana

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Q.5 In ginger, vegetative propagation occurs through [AIPMT 2015 (Cancelled)]

(1) bulbils (2) runners
(3) rhizome (4) offsets.

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Q.6 Which one of the following is correctly matched? [AIPMT 2012 (Prelims)]

(1) Onion – Bulb (2) Ginger – Sucker
(3) *Chlamydomonas* – Conidia (4) Yeast – Zoospores

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Q.7 Which one of the following pairs is wrongly matched while the remaining three are correct? [AIPMT 2011 (Mains)]

(1) *Penicillium* – conidia
(2) Water hyacinth – runner
(3) *Bryophyllum* – leaf buds
(4) *Agave* – bulbils

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Q.8 During regeneration, modification of an organ to other organ is known as [AIPMT 2001]

(1) morphogenesis (2) epimorphosis
(3) morphallaxis (4) accretionary growth

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ANSWER KEY

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