

NEET REPRODUCTION IN ORGANISMS — SEXUAL REPRODUCTION: PRE-FERTILISATION EVENTS (GAMETOGENESIS, GAMETE TRANSFER) — PYQS

Max. Marks: 20
Questions: 5

Section A (MCQ) — 5 questions

Q.1 Which of the following plants is monoecious?

[NEET (UG) 2021]

- (1) *Cycas circinalis*
- (2) *Carica papaya*
- (3) *Chara*
- (4) *Marchantia polymorpha*

 Scan or tap for the
full solution

Q.2 Match **column I** with **column II** and select the correct option using the codes given below.

[NEET 2016 (Phase 2)]

Column I		Column II	
a.	Pistils fused together	i.	Gametogenesis
b.	Formation of gametes	ii.	Pistillate
c.	Hyphae of higher Ascomycetes	iii.	Syncarpous
d.	Unisexual female flower	iv.	Dikaryotic

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

 Scan or tap for the
full solution

Q.3 Meiosis takes place in

[NEET 2013]

- (1) gemmule
- (2) megaspore
- (3) meiocyte
- (4) conidia.

 Scan or tap for the
full solution

Q.4 Which one of the following is monoecious?

[AIPMT 2010 (Mains)]

- (1) *Marchantia*
- (2) *Cycas*
- (3) *Pinus*
- (4) Date palm

 Scan or tap for the
full solution

Q.5 In oogamy, fertilization involves

[AIPMT 2004]

- (1) a small non-motile female gamete and a large motile male gamete
- (2) a large non-motile female gamete and a small motile male gamete
- (3) a large non-motile female gamete and a small non-motile male gamete
- (4) a large motile female gamete and a small non-motile male gamete.

 Scan or tap for the
full solution


ANSWER KEY

Ques.	1	2	3	4	5						
Ans.	3	4	3	3	2						