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NEET SEXUAL REPRODUCTION IN FLOWERING PLANTS — FLOWER: STRUCTURE AND PRE-FERTILISATION STRUCTURES — PYQS

Max. Marks: 16 **Questions:** 4

Section A (MCQ) — 4 questions

Q.1 The plant parts which consist of two generations - one within the other
(i) Pollen grains inside the anther
(ii) Germinated pollen grain with two male gametes
(iii) Seed inside the fruit
(iv) Embryo sac inside the ovule [NEET (UG) 2020]
(1) (i) and (iv) (2) (i) only
(3) (i), (ii) and (iii) (4) (iii) and (iv)

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Q.2 Proximal end of the filament of stamen is attached to the [NEET 2016 (Phase 1)]
(1) placenta (2) thalamus or petal
(3) anther (4) connective.

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

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Q.4 Anthesis is a phenomenon which refers to [AIPMT 2004]
(1) reception of pollen by stigma
(2) formation of pollen
(3) development of anther
(4) opening of flower bud.

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ANSWER KEY

Ques.	1	2	3	4							
Ans.	**1**	**2**	**3**	**4**							