

NEET SEXUAL REPRODUCTION IN FLOWERING PLANTS — SEED AND FRUIT FORMATION — PYQS

Max. Marks: 44

Questions: 11

Section A (MCQ) — 11 questions

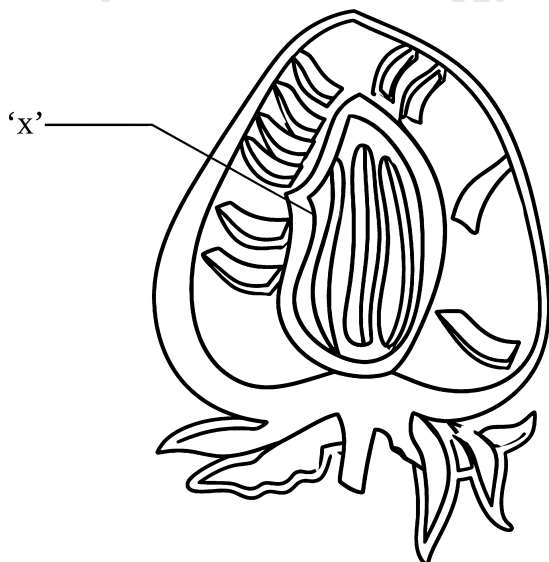
Q.1 Which of the following plants produces non-albuminous seeds? [RE-NEET (UG) 2026]

- (1) Pea (2) Wheat (3) Maize (4) Barley

Scan or tap for the full solution



Q.2 The part marked as 'x' in the given figure is [RE-NEET (UG) 2024]

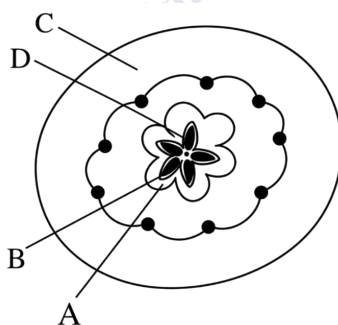


- (1) Endosperm (2) Thalamus
(3) Endocarp (4) Mesocarp

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Q.3 Which part of the fruit, labelled in the given figure makes it a false fruit? [NEET (UG) 2022]



- (1) A → Mesocarp (2) B → Endocarp
(3) C → Thalamus (4) D → Seed

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Q.4 The residual persistent part which forms the perisperm in the seeds of beet is

[NEET (UG) 2022 (Phase 2)]

- (1) Integument (2) Calyx
(3) Endosperm (4) Nucellus

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Q.5 Which one of the following statements regarding post-fertilization development in flowering plants is incorrect? [NEET (UG) 2019]

- (1) Central cell develops into endosperm
(2) Ovules develop into embryo sac
(3) Ovary develops into fruit
(4) Zygote develops into embryo

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Q.6 Persistent nucellus in the seed is known as

[NEET (UG) 2019]

- (1) Hilum (2) Tegmen
(3) Chalaza (4) Perisperm

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Q.7 Which one of the following fruits is parthenocarpic?

[AIPMT 2015]

- (1) Jackfruit (2) Banana (3) Brinjal (4) Apple

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Q.8 Non-albuminous seed is produced in [AIPMT 2014]

- (1) maize (2) castor (3) wheat (4) pea.

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Q.9 Perisperm differs from endosperm in [NEET 2013]

- (1) being a diploid tissue
- (2) its formation by fusion of secondary nucleus with several sperms
- (3) being a haploid tissue
- (4) having no reserve food.

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Q.10 Albuminous seeds store their reserve food mainly in

[NEET 2013 (Karnataka)]

- (1) endosperm
- (2) cotyledons
- (3) hypocotyl
- (4) perisperm.

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Q.11 The viability of seeds is tested by :

[NEET 2013 (Karnataka)]

- (1) 2,3,5-triphenyl tetrazolium chloride
- (2) Safranin
- (3) 2,6-dichlorophenol indophenol
- (4) DMSO

Scan or tap for the full solution



ANSWER KEY

Ques.	1	2	3	4	5	6	7	8	9	10	11
Ans.	1	2	3	4	2	4	2	4	1	1	1