



RBSE

CHAPTERWISE PYQ

BIOLOGY



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01

SEXUAL REPRODUCTION IN FLOWERING PLANTS

[Section-A]

Multiple Choice Questions:-

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1.	In which of the following perisperm is found? (A) Beetroot	(B) Pea	[1M]		
	(C) Groundnut	(D) Sunflower	(RBSE 2022)		
2.	An example of a non-albuminous seed is- (A) Wheat	(B) Maize	[0.5M]		
2	(C) Pea	(D) Castor	(RBSE 2024)		
3.	An example of a false fruit is - (A) Mango	(B) Apple	[0.5M]		
	(C) Kiwi B O A	(D) Watermelon	(RBSE 2025)		
Fill in the Blanks :-					
4.	Microspore forms thegametophyte after its gern	nination.	[1M] (RBSE 2021)		
5.	The central cell after triple fusion becomes the		[0.5M] (RBSE 2024)		
6.	A typical dicotyledonous embryo consists of anand to	wo cotyledons.	[0.5M] (RBSE 2025)		
Very Short Answer Type Questions:-					
7.	Write the difference between chasmogamous and cleistogamous flowers.		[1M] (RBSE 2013)		
8.	What is the ploidy of endosperm in angiosperms?		[1M] (RBSE 2014)		

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21. Write down the names of post fertilization events in flowering plants. Describe the process of embryo development. [3M]

(RBSE 2016)

22. Explain in detail the process of development of female gametophyte. Draw diagram.

[3M] (RBSE 2017)

23. Define pollination. Explain wind and water pollination with example.

[3M]

(RBSE 2023, RBSE 2018)

24. Describe the structure of Anatropous ovule with diagram.

[3M]

(RBSE 2019)

25. Describe the structure of cellular endosperm with diagram.

[3M]

(RBSE 2015, RBSE 2013, RBSE 2020)

26. (i) Define pollination.

(ii) Explain double fertilisation.

(iii) Draw a labelled diagram of structure of fertilised embryo sac.

[3M]

(RBSE 2023)

27. Define microsporogenesis. Explain the structure of a pollen grain.

[3M]

28. Define megasporogenesis. Explain structure of mature embryo sac.

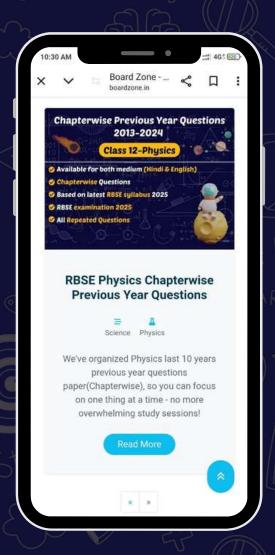
[3M] (RBSE 2025)

(RBSE 2025)

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