10. A root cell of an angiospermic plant has 2n = 24 chromosomes. What will no of chromosomes in nucellus cell

(c) Obturator

(a) 12

(c) 24

(d) Raphe

(b) 36

(d) 18

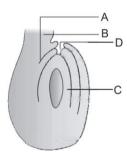
11. Ovule turns at more than 360° angle is due to excessive growth of funicle in

(a) Campylotropous ovule

(b) Anatropous ovule

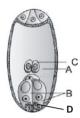
(c) Orthotropous ovule

- (d) Circinotropous ovule
- 12. In which of the following plant, the number of ovules in an ovary may be more than one in
  - (a) Wheat
- (b) Paddy
- (c) Papaya
- (d) Mango
- 13. Polar nuclei are located in-
  - (a) Pollen tube
- (b) Embryo sac
- (c) Ovule
- (d) Thalamus
- 14. The ovule of capsella is-
- (a) Bitegmic
- (b) Unitegmic
- (c) Ategmic
- (d) Polytegmic
- 15. In the embryo sac of Oenothera no. of antipodal cells are-
  - (a) Three
- (b) One
- (c) Two
- (d) None
- **16.** Caruncle is derived from-
  - (a) Peduncle
- (b) Cotyledon
- (c) Integument
- (d) none of these
- 17. The given figure shows a typical anatropous ovule. What do A, B, C & D represents.



- (a) A → Hilum, B → Funicle, C → Nucellus, D → Micropyle
- (b) A  $\rightarrow$ Hilum, B  $\rightarrow$ Outer integument, C  $\rightarrow$ Nucellus, D  $\rightarrow$ Micropyle
- (c) A → Hilum, B → Outer integument, C → Embryosac, D → Micropyle
- (d) None of these
- 18. In Angiosperms, the functional megaspore of a linear tetrad is the -
  - (a) First nearest to the micropyle
- (b) Second from the micropyle
- (c) Third from the micropyle
- (d) Fourth from the micropyle
- 19. The megasporangium of the angiosperms on maturation gives rise to-
  - (a) Fruit
- (b) Seed
- (c) Embryo
- (d) Cotyledon
- 20. Bisporic type of embryo sac is found in-

- (a) Polygonum
- (b) Oenothera
- (c) Adoxa
- (d) Allium
- 21. The given figure shows a mature embryo sac. What do A, B, C & D represents.



- (a) A →Embryosac, B →Synergids, C →Central cell, D →Micropylar end
- (b) A →Central cell, B →Synergids, C→Polar nuclei, D→Micropylar end
- (c) A →Synergids, B →Polar nuclei, C →Central cell, D →Filiform apparatus
- (d) A → Central cell, B → Synergids, C→Polar nuclei, D → Filiform apparatus
- 22. The site of meiotic division in higher plants is
- (a) Vegetative buds
- (b) Root tip cells
- (c) Stomatal cells
- (d) Spore mother cells
- 23. How many cells are present in the female gametophyte of Capsella before fertilization
  - (a) 3

- (b) 6
- (c) 7
- (d) Many
- **24.** What will be the ploidy of nucellus, endosperm, female gametophyte and antipodal cells.
  - (a) 2n, 3n, n, n
- (b) n, 3n, 2n, n
- (c) 2n, 3n, 2n, n
- (d) 3n, 2n, n, n
- **25.** Pollen grain represents
- (a) Female gametophyte
- (b) Male gametophyte
- (c) Sporophyte
- (d) Anther
- **26.** Most reduced sized gametophyte is of
- (a) Bryophyte
- (b) Pteridophyte
- (c) Gymnosperm
- (d) Angiosperm
- 27. Main function of endothecium (in anther) is :-
- (a) Mechanical
- (b) Nutritive
- (c) Dehiscence
- (d) Storage

www.neetjeenotes.com

NEET/JEE MAIN PRACTICE PAPER 2024-2025

www.neetjeenotes.com	NEET/JEE MAIN PRACTICE PAPER 2024-2025
. (c)	
. (c) . (b) . (c) . (a) . (d)	
. (c)	
. (a)	
. (d)	
. (c)	
. (a)	
· (c)	
. (c)	
<b>0.</b> (c)	
<b>1.</b> (d)	
<b>2.</b> (c)	
<b>3.</b> (b)	
<b>4.</b> (a)	
<b>5.</b> (d)	
<b>6.</b> (c)	
<b>7.</b> (a)	
<b>8.</b> (d)	
<b>9.</b> (b)	
<b>0.</b> (d)	
<b>1.</b> (d)	
<b>2.</b> (d)	
<b>3.</b> (c)	
<b>4.</b> (a)	
<b>5.</b> (b)	
<b>6.</b> (d)	
7. (c)	
<b>8.</b> (b) <b>9.</b> (a)	
<b>0.</b> (d)	
(d)	
BY SWADHIN SIR	