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<u>UNIT –II MORPHOLOGY OF ANGIOSPERMS</u>

Previous Questions from AIPMT

Edible part in litchi is							
a). Endosperm	b). Pericarp	c).Mesocarp	d). Fleshy ari	*			
Why is vivipary an u	ny is vivipary an undesirable character for annual crop plants						
a). It reduces the vigour of the plant							
b). It adversely affects the fertility of the plant							
c). The seeds exhibit long dormancy							
d). The seeds cannot	xt season*						
Long filamentous thr	reads protruding at the	end of a young maize a	are	(2006)			
a) hairs	b) anthers	c) styles*	d) ovaries				
What type of placent	ation is seen in pea?	7		(2006)			
a) marginal*	b) basal	c) axile	d) free central	I			
In which of the fruits	the edible portion is a	ril?		(2006)			
a) litchi*	b) custard apple	c) pomegranate	d) orange				
In a cereal grain the s	single cotyledon of an	embryo is		(2006)			
a) coleoptiles	b) coleorhizae	c) scutellum*	d)prophyll				
The fleshy receptacle of syconus of fig encloses a number of							
a) berries	b) mericarps	c) achenes*	d) samaras				
Dry dehiscent single seeded fruit formed from bicarpellary syncarpous inferior ovary							
				(2008)			
a) berry	b) cremocarp	c) caryopsis	d) cypsela*				
Replum is present in the ovary of flower of							
a) sun flower	b) pea	c) lemon	d) mustard*				
The fruit is chambered, developed from inferior ovary and seeds with succulent testa							
			((2008)			
a) guava	b) cucumber	c) pomegranate*	d) orange				
	a). Endosperm Why is vivipary an u a). It reduces the vigo b). It adversely affect c). The seeds exhibit d). The seeds cannot Long filamentous thr a) hairs What type of placent a) marginal* In which of the fruits a) litchi* In a cereal grain the s a) coleoptiles The fleshy receptacle a) berries Dry dehiscent single a) berry Replum is present in a) sun flower The fruit is chambere	a). Endosperm b). Pericarp Why is vivipary an undesirable character for a). It reduces the vigour of the plant b). It adversely affects the fertility of the plant c). The seeds exhibit long dormancy d). The seeds cannot be stored under normal Long filamentous threads protruding at the a) hairs b) anthers What type of placentation is seen in pea? a) marginal* b) basal In which of the fruits the edible portion is at a) litchi* b) custard apple In a cereal grain the single cotyledon of an a a) coleoptiles b) coleorhizae The fleshy receptacle of syconus of fig enclusion a) berries b) mericarps Dry dehiscent single seeded fruit formed from a) berry b) cremocarp Replum is present in the ovary of flower of a) sun flower b) pea The fruit is chambered, developed from information of the fruit is chambered.	a). Endosperm b). Pericarp c). Mesocarp Why is vivipary an undesirable character for annual crop plants a). It reduces the vigour of the plant b). It adversely affects the fertility of the plant c). The seeds exhibit long dormancy d). The seeds cannot be stored under normal conditions for the next Long filamentous threads protruding at the end of a young maize at a) hairs b) anthers c) styles* What type of placentation is seen in pea? a) marginal* b) basal c) axile In which of the fruits the edible portion is aril? a) litchi* b) custard apple c) pomegranate In a cereal grain the single cotyledon of an embryo is a) coleoptiles b) coleorhizae c) scutellum* The fleshy receptacle of syconus of fig encloses a number of a) berries b) mericarps c) achenes* Dry dehiscent single seeded fruit formed from bicarpellary syncar a) berry b) cremocarp c) caryopsis Replum is present in the ovary of flower of a) sun flower b) pea c) lemon The fruit is chambered, developed from inferior ovary and seeds we	a). Endosperm b). Pericarp c). Mesocarp d). Fleshy arill Why is vivipary an undesirable character for annual crop plants a). It reduces the vigour of the plant b). It adversely affects the fertility of the plant c). The seeds exhibit long dormancy d). The seeds cannot be stored under normal conditions for the next season* Long filamentous threads protruding at the end of a young maize are a) hairs b) anthers c) styles* d) ovaries What type of placentation is seen in pea? a) marginal* b) basal c) axile d) free central in which of the fruits the edible portion is aril? a) litchi* b) custard apple c) pomegranate d) orange In a cereal grain the single cotyledon of an embryo is a) coleoptiles b) coleorhizae c) scutellum* d)prophyll The fleshy receptacle of syconus of fig encloses a number of a) berries b) mericarps c) achenes* d) samaras Dry dehiscent single seeded fruit formed from bicarpellary syncarpous inferior or a) berry b) cremocarp c) caryopsis d) cypsela* Replum is present in the ovary of flower of a) sun flower b) pea c) lemon d) mustard* The fruit is chambered, developed from inferior ovary and seeds with succulent to the fruit is chambered, developed from inferior ovary and seeds with succulent to the fruit is chambered, developed from inferior ovary and seeds with succulent to the fruit is chambered, developed from inferior ovary and seeds with succulent to the fruit is chambered.			

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11.	Endosperm is	consumed by dev	eloping embryo	⊕	in the seed of	(2008)	
	a) pea*	b) maize	c) coconu	t	d)castor		
12.	The floral for	mula is that of		ФФ		(2009)	
	a) soya bean	b)sun her	mp c)	tobacco*	d) tul	ip	
13. inflore	A fruit developed from scence is called as		Ebr. Ebrl. A	\oplus , $\stackrel{\spadesuit}{\circ}$, $K_{(5)}$, $C_{(5)}$, A_5		hypanthodium (2009)	
	a) sorosisc) caryopsis	b) d) hesper		, ō , - ,	(- (0), 5 , <u></u> ,2)	syconus*	
14.	An example of	of axile placentation	n is			(2009)	
	a) Dianthus	b) lemon	* c)	marigold	d) Ar	gemone	
15.	Cotyledons ar	nd testa respective	ly are edible pa	rts in		(2009)	
	a) walnut and tamarind			b) French bean and coconut			
	c) cashew nut and litchi			d) ground nut and pomegranate*			
16.	An example of a seed with endosperm, peris			rm and car	(2009)		
	a) coffee	b) lily	c)	castor*	d) cot	ton	
17.	Which one of green and suc	dified into the flat (2010)					
	a) Opuntia*	b) Casuar	rina c)	Hydrilla	d) <i>Ac</i>	acia	
18.	Consider the to correct statements	following four statements.	rements A, B, C	and D and	d select the righ	t option for two (2010)	
	Application and application of the control of the c	ry aestivation, the small anterior pet		-	lled - <i>standard</i> ,	two lateral ones are	
	(B) The floral	l formula for Lilia	ceae is	$P_{3+3} A_{3+3}$	$+ G_{\underline{3}}$		
	(C) In pea flo	wer the stamens an	re monadelphou	IS			
	(D) The floral The correct st	l formula for Solar tatements are	naceae is K	$C_{(3)}C_{(3)}A_{(4)}$	$+ G_{(\underline{2})}$		
	a) (A) and (C)	b) (A) an	d (B)* c)	(B) and (C	C) d) (C)) and (D)	

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19. Vegetative propagation is Pistia occurs by

(2010)

- a) Stolen
- b) offset*
- c) runner
- d) sucker

20. Ovary is half-inferior in the flowers of

(2010)

2010

(2010)

- a) brinjal
- b) cucumber
- c) guava
- d)plum*

21. The correct floral formula of soybean is $\frac{1}{4}$

a)%
$$K_{(5)} C_{1+(2)+2} A_{(9)+1} G^{\overline{1}}$$

b) %
$$K_{(5)} C_{1+(2)+2} A_{(9)+1} G_{\underline{1}}$$

- c) % $+ K_{(5)} C_{1+2+(2)} A_{(9)+1} G_{\underline{1}}$
- d) % $+ K_{(5)} C_{1+2+(2)} A_{1+(9)} G_{\underline{1}}^*$
- 22. Keel is characteristic of the flowers of a) *Calotropis* b) gulmohr
- c) Cassia
- d)bean*