



TARGET : NEET (UG) 2024

Course : SARANSH (Youtube Live CRASH COURSE)

BIOLOGY

DPP

DAILY PRACTICE PROBLEMS

DPP NO. 1

BOTANY : MORPHOLOGY OF FLOWERING PLANTS

DPP No. : 1

1. An example of edible underground stem is

(1) Carrot	(2) Groundnut
(3) Sweet potato	(4) Potato

2. Which of the following is not a stem modification?

(1) Flattened structures of Opuntia	(2) Pitcher of Nepenthes
(3) Thorns of citrus	(4) Tendrils of cucumber

3. Root hairs develop from the region of :

(1) Maturation	(2) Elongation
(3) Root cap	(4) Meristematic activity

4. Choose the mismatched pair of leaf character with its example :

(1) Alternate phyllotaxy - China-rose	(2) Leaf tendril - Pea
(3) Opposite phyllotaxy - Calotropis	(4) Palmately compound - Alstonia

5. Which of the following is correct

(1) Perigynous – plum, peach, rose	(2) Epigynous – guava and cucumber
(3) Hypogynous – mustard, rose	(4) Both (1) and (2)

6. In Bougainvillea thorns are the modification of :

(1) Stipules	(2) Adventitious root
(3) Stem	(4) Leaf

7. Match the placental types (column-I) with their examples (column-II)

Column I

- (a) Basal
(b) Axile
(c) Parietal
(d) Free central

Column II

- (i) Mustard
(ii) China rose
(iii) Dianthus
(iv) Sunflower

Choose the correct answer from the following

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

8. Ray florets have

- (1) Superior ovary (2) Hypogynous ovary
(3) Half inferior ovary (4) Inferior ovary

9. Match List -I with List - II :

List - I

- (a) Imbricate
(b) Valvate
(c) Vexillary
(d) Twisted

List - II

- (i) Calotropis
(ii) Cassia
(iii) Cotton
(iv) Bean

Choose the correct answer from the optio given below :

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

10. Identify the correct statements related to the androecium in the flower.

- (a) The sterile stamens are called staminodes.
(b) When stamens are attached to petals they are called epipetalous.
(c) Monadelphly is seen in China-rose.
(d) Polyadelphly is seen in Pea.
(e) Variation in the length of anther filaments is seen in Mustard.

Choose the correct answer from the options given below:

- (1) (a), (b), (c) and (e) only (2) (a), (b) and (c) only
(3) (b), (c) and (d) only (4) (a), (c), (d) and (e) only

Answer key

1. (4) 2. (2) 3. (1) 4. (4) 5. (4) 6. (3) 7. (3)
8. (4) 9. (2) 10. (1)