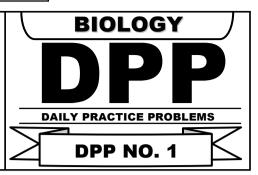


TARGET: NEET (UG) 2024

Course: SARANSH (Youtube Live CRASH COURSE)



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 acticvity

- **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



Pre Medical Division: CG Tower-2, A-51(A) IPIA, Behind City Mall, Jhalawar Road, Kota (Raj.)-324005

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

Column I

Column II

(a) Basal

(i) Mustard

(b) Axile

(ii) China rose

(c) Parietal

(iii) Dianthus

(d) Free central

(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

List - II

- (a) Imbricate
- (i) Calotropis
- (b) Valvate
- (ii) Cassia
- (c) Vexillary
- (iii) Cotton
- (d) Twisted
- (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) Monadelphy is seen in China-rose.
 - (d) Polyadelphy 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)

- (1)
- 4.
- (4)
- (4)
- 6.
- (3)
- **7.** (3)

- (4)
- (2)

(2)

- 3. 10.
- (1)