

21. **Incorrect statement regarding mustard is** []
 1. Carpels are not free 2. Ovary is superior
 3. Flowers are epigynous 4. False septum
22. **In descendingly imbricate aestivation** []
 1) Anterior petal is outer most 2) Posterior petal is innermost
 3) Posterior petal covers the anterior petals. 4) Anterior petal covers the posterior petals
23. **The thalamus in a flower is** []
 1) Union of floral parts 2) Modified pedicel
 3) Perianth with modification 4) Modified branch with nodes and internodes
24. **If the flower can be cut vertically into two equal parts only on one plane, that is** []
 1) Zygomorphic flower 2) Actinomorphic flower
 3) Perigynous flower 4) Asymmetric flower
25. **Number of nodes in a Homochlamydeous and bisexual flower is** []
 1)3 2)4 3) 2 4) 1
26. **True statement among the following** []
 1) Number of carpels are equal to number of locules always
 2) Number of locules always equal to carpel number.
 3) Generally stigma number equal to carpels
 4) Number of stamens is equal to the number of petals.
27. **Flowers in monocots are** []
 1) Pentamerous 2)Tetramerous 3)Trimerous 4)Dimerous
28. **Number of stamens in diadelphous condition is** []
 1. 5 2. 4 3. 6 4. 10
29. **Flower cannot be cut into two equal halves in any plane in** []
 1. *Dolichos* 2. *Ocimum* 3. *Canna* 4. *Hibiscus*
30. **Adhesion of stamens is seen in** []
 1) *Cassia* 2) Bean 3) Gulmohar 4) *Datura*
31. **In staminate flower** []
 1. Stamens are absent 2. Gynoecium is absent
 3. Perianth is absent 4. Only stamens are present

32. **One margin of corolla is covered by the next one in** []
 1. *Ipomea* 2. *Datura* 3. *Arachis* 4. *Caesalpinia*
33. In essential organs ,if only gynoecium is present that flower is []
 1. Naked flower 2. Male flower 3. Pistillate flower 4. Monoecious
34. **In parietal placentation ovules are attached to** []
 1. Wall of the ovary 2. Only on the septum
 3. On false septum 4. Wall of the ovary or on false septum
35. **Calyx of *Hibiscus* is** []
 1. Gamosepalous, valvate 2. Polysepalous, twisted
 3. Gamosepalous, twisted 4. Polysepalous, valvate
36. **Flowers are naked in** []
 1. *Croton* 2. *Euphorbia* 3. *Mangifera* 4. *Polygonum*
37. **Arrangement of perianth in bud condition is** []
 1. Merosity 2. Symmetry 3. Aestivation 4. Chlamydeous
38. **Number of Locules is double the number of carpels in** []
 1) *Dianthus* 2) *Cucurbita* 3) *Brassica* 4) *Argemone*
39. **The number nodes in a pentamerous flower with 5 sepals, 10 petals, 5 stamens and 10 carpels.** []
 1. 5 2. 4 3. 6 4. 3
40. **Match the following** []
- | List - A | | | | List - B | | | | | |
|---------------------|-----|----|---|----------------------|----|-----|-----|----|----|
| A) <i>Cucurbita</i> | | | | I. Hemicyclic flower | | | | | |
| B) <i>Annona</i> | | | | II. Unisexual flower | | | | | |
| C) <i>Canna</i> | | | | III. Inferior ovary | | | | | |
| D) <i>Cocos</i> | | | | IV. Spiral flower | | | | | |
| | | | | V. Asymmetric flower | | | | | |
| | A | B | C | D | | A | B | C | D |
| 1) | III | IV | V | II | 2) | III | I | IV | II |
| 3) | III | I | V | II | 4) | II | III | I | V |
41. **Corolla is tubular in** []
 1. Ray florets of sunflower 2. Vexillary aestivation
 3. Disc florets of *Tridax* 4. *Datura*

42. How many flowers given in the list here can be cut into two similar halves only in one vertical plane Pea, gulmohar, bean, *Cassia*, *Ocimum* []
 1. Four 2. Five 3. Only one 4. Two
43. Epipetalous condition is seen in []
 1. Lily 2. Brinjal 3. Pea 4. Lemon
44. Placenta develops at the base of the ovary in []
 1. *Argemone* 2. Marigold 3. Cucumber 4. Gulmohar
45. Incorrect statement regarding thalamus is []
 1. It shows nodes and internodes 2. It grows continuously
 3. It bears sex organs 4. It is a modified branch

Flower-Key

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
3	2	3	4	3	2	1	3	2	2	1	2	2	2	2	1	4	2	1	2
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
3	3	4	1	2	3	3	4	3	4	2	2	3	1	1	2	3	4	1	3
41	42	43	44	45															
3	2	2	2	2															