

QB365 Question Bank Software Study Materials

Bio - Botany - Vegetative Morphology 50 Important 1 Marks Questions With Answers (Book Back and Creative)

11th Standard

Biology

Total Marks : 50

Multiple Choice Question

50 x 1 = 50

- 1) Roots are _____.
(a) Descending, negatively geotropic, positively phototropic
(b) Descending, positively geotropic, negatively phototropic
(c) Ascending, positively geotropic, negatively phototropic (d) Ascending, negatively geotropic, positively phototropic
- 2) Bryophyllum and Dioscorea are example for _____.
(a) Foliar bud, apical bud **(b) Foliar bud, cauline bud** (c) Cauline bud, apical bud (d) Cauline bud, foliar bud
- 3) Which of the following is polycarpic plant?
(a) Mangifera (b) Bambusa **(c) Musa** (d) Agave
- 4) Which of the following is the correct statement?
(a) In Pisum sativum leaflets modified into tendrils (b) In Atalantia terminal bud is modified into thorns
(c) In Nepenthes midrib is modified into lid (d) In Smilax inflorescence axis is modified into tendrils
- 5) Select the mismatch pair
(a) Musa - Unicostate (b) Lablab - Trifoliolate (c) Acalypha - Leaf mosaic **(d) Allamanda - Ternate phyllotaxy**
- 6) Curcuma amada, Curcuma domestica, Asparagus, Maranta are example of _____.
(a) Tuberos root (b) Beaded root (c) Moniliform root **(d) Nodulose root**
- 7) Choose the plant not having stilt roots
(a) Saccharum **(b) Piper betel** (c) Zea Mays (d) Pandanus
- 8) _____ require more than two growing seasons to complete their life cycle.
(a) Perennials (b) Annual (c) Biennials (d) Herbs
- 9) Culm is seen in _____.
(a) Bamboo (b) Tridax (c) Mango (d) Merremia
- 10) In _____ the leaflets are modified into curved hook
(a) Carissa (b) Hiptage **(c) Bignonia** (d) Pisum
- 11) Phyllanthus amarus belongs to the group _____.
(a) Shrubs **(b) Herbs** (c) Climbers (d) Trees
- 12) Ficus religiosa has _____.
(a) Pinnately parallel venation (b) Palmately reticulate venation (c) Multicostate venation
(d) Pinnately reticulate venation
- 13) A fibrous root system is better adapted than tap root system for _____

- (a) Storage food **(b) Anchorage plant to soil** (c) absorption of water and organic food
(d) Transport of water and organic food
- 14) Plants bear fruits every year is _____.
(a) Polycarpic (b) Annuals (c) Biennial (d) Monocarpic
- 15) Raphanus is example for _____ root.
(a) Conical **(b) Fusiform** (c) Napiform (d) Breathing root
- 16) Which of them has Haustorial roots?
(a) Cuscuta (b) Trapa (c) Tinospora (d) Aviceinia
- 17) In Legume, leaf base becomes broad, thick and swollen is _____.
(a) Petolate (b) Petole (c) Cladode **(d) Pulvinus**
- 18) _____ are small, sharp structure which are the outgrowth from epidermal cells of stem.
(a) Phyllode **(b) Prickles** (c) Hooks (d) Tendrils
- 19) Bladderwort is also called as _____.
(a) Utriculus (b) Nepenthes (c) Sundew (d) Dioscorea
- 20) Perigynous flowers are found in _____.
(a) Rose (b) Guava (c) Cucumber (d) China rose
- 21) Which one of the following statements is correct _____
(a) The seed in grasses is not endospermic (b) Mango is a partheno carpic fruit
(c) A proteinaceous aleurone layer is present in maize grain (d) A sterile pistil is called a staminode
- 22) Non-albuminous seed is produced in _____.
(a) Maize (b) Castor (c) Wheat **(d) Pea**
- 23) _____ deals with the study about flowers, fruits and seeds of a plant.
(a) Reproductive morphology (b) Vegetative inorphology (c) External morphology (d) Internal morphology
- 24) _____ are soft stemmed plants with less wood or no wood.
(a) Shrubs (b) Trees **(c) Herb** (d) Climbers
- 25) Climbers are also called as _____.
(a) herbs (b) trees **(c) vines** (d) shrubs
- 26) The plants that grows on dry habitats are called _____.
(a) mesophytes (b) xerophytes **(c) lithophytes** (d) psammophytes
- 27) _____ is an example for xerophytes.
(a) Lichens **(b) Euphorbia** (c) Ficus (d) ipomoea
- 28) Hydrilla and Vallisneria are the examples of _____ type of aquatic plants
(a) emergent (b) free floating **(c) submerged** (d) mangroves
- 29) Plants that grows completely under water are called as _____ type of aquatic plants.
(a) emergent (b) free floating **(c) submerged** (d) mangroves

30) A plant that grows vegetatively during the first season and undergoes flowering and fruiting during the second season is called as_____.

- (a) **biennial** (b) therophyte (c) perennial (d) geophyte

31) Tap root system develops from this part of embryo _____.

- (a) plumule (b) coleoptile (c) node **(d) radicle**

32) Respiratory roots are found in_____.

- (a) Sweet potato **(b) Bruguiera** (c) Mango (d) Dahlia

33)

Root types	Examples
(a) Annulated	(i) Turmeric
(b) Nodulose	(ii) Ipomoea
(c) Tuberous	(iii) Dahlia
(d) Fasciculated	(iv) Indian spinach
(e) Beaded	(v) Ipecac
	(vi) Radish

- (a) a-iv b-ii c-i d-iii e-vi (b) a-i b-ii c-iii d-iv e-v (c) a-iv b-iii c-ii d-i e-vi **(d) a-v b-i c-ii d-iii e-iv**

34) Which part of embryo develops into stem?

- (a) Radicle (b) Micropyle (c) Ostia **(d) Plumule**

35) The point from which leaf arises is called as_____.

- (a) internode (b) intranode **(c) node** (d) code

36) Flattened cladode is present in_____.

- (a) Asparagus (b) Atalantia (c) Carissa **(d) Ruscus**

37) Eichhornia exhibit_____ type of stem modification

- (a) stolon **(b) offset** (c) runner (d) sucker

38) Which is an example for compound tunicated bulb?

- (a) Allium cepa **(b) Allium sativum** (c) Tulipa sps (d) Bulbophyllum

39) _____is a pseudo bulb.

- (a) Allium cepa (b) Allium sativum (c) Tulipa sps **(d) Bulbophyllum**

40) Swollen, broad leaf base is called_____.

- (a) phyllome **(b) pulvinus** (c) stipule (d) bract

41) Tripinnate compound leaves are seen_____

- (a) Citrus (b) Oxalis **(c) Oroxyllum** (d) Allamanda

42) Storage leaves are observed in_____family

- (a) Solanaceae (b) Cucurbitaceae **(c) Crassulaceae** (d) Musaceae

43) Rolling or folding of individual leaves is called_____

- (a) venation (b) phyllotaxy **(c) ptyxis** (d) branching

44) Heterophylly is mainly seen in_____

- (a) xerophytes (b) mesophytes (c) lithophytes **(d) hydrophytes**

45) Morphological features are also significant for _____.

(a) **Phylogeny** (b) Habit (c) Habitat (d) Life span

46) The phylloclade is also called as _____

(a) **Cladophyll** (b) Phyllocactus (c) Xerophytes (d) Aquatics

47) The mode of arrangement of leaves on the stem is known as _____

(a) Decussate (b) Allotaxy (c) **Phyllotaxy** (d) Flabillate

48) Angiosperm to which the largest flowers belong is _____

(a) total stem parasite (b) partial stem parasite (c) **total root parasite** (d) partial root parasite

49) The plant, which bears clinging roots, is _____

(a) Trapa (b) **Orchid** (c) Screw pine (d) Podostemon

50) Match the following and indicate which is correct?

(a) Cucurbitaceae - Orange (b) **Malvaceae - Cotton** (c) Brassicaceae - wheat (d) Leguminosae - Sunflower