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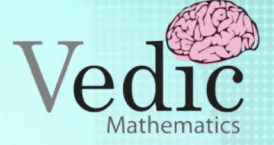
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## Chapter – 05

### Angiosperms, Gymnosperm & Plant

1. The rootless plant is

- (A) Lemna (B) Banana  
(C) Ginger (D) Lemon

2. Sporangia bearing leaf of a fern is called as

- (A) Ramentum (B) Indusium  
(C) Sorus (D) Sporophyll

3. 'Coralloid Root' of Cycas helps in

- (A) Absorption of water  
(B) Absorption of water and fixation of nitrogen  
(C) Anchorage  
(D) Transport of food

4. Flowerless plants are termed as

- (A) Phanerogams (B) Bryophytes  
(C) Thallophytes (D) Cryptogams

5. The smallest flowering plant is

- (A) Wolffia (B) Lemna  
(C) Azolla (D) Ficus

6. The tallest plant in the world is

- (A) Eucalyptus (B) Piero carpus  
(C) Polyalthia (D) Tectona

7. An Example of false fruit is

- (A) Apple (B) Guava  
(C) Mango (D) Tomato

8. Animals living in the tree trunks are known as

- (A) Arboreal (B) Volant  
(C) Amphibious (D) Aquatics

9. Ginger is a stem and not a root because

- (A) It stores food material  
(B) It grows horizontally in the soil  
(C) It has nodes and internodes  
(D) It lacks chlorophyll

10. A plant with compound leaves is

- (A) Papaya (B) Coconut

(C) Peepal

(D) Hibiscus

11. The tallest and thickest type of grass is

- (A) Alfalfa (B) Fodder  
(C) Bamboo (D) Lichens

12. Which of the following is a Parthenocarpic fruit?

- (A) Banana (B) Apple  
(C) Mulberry (D) Strawberry

13. Cuscuta is a

- (A) Partial stem parasite  
(B) Complete stem parasite  
(C) Partial root parasite  
(D) Complete root parasite

14. The floral part that produces pollen grains is-

- (A) Sepal (B) Petal  
(C) Anther (D) Ovary

15. In cauliflower plant, the useful part is-

- (A) Underground stem (B) Root  
(C) Young Inflorescence (D) Leaves

16. The dried flower buds are used as a spice in-

- (A) Cardamom (B) Cinnamon  
(C) Cloves (D) Saffron

17. From which one of the following is quinine extracted?

- (A) Sarpa Gandha (B) Opium  
(C) Cinchona (D) Datura

18. The bark of this plant is used as a condiment-

- (A) Cinnamon (B) Clove  
(C) Neem (D) Palm

19. In coriander, the useful parts are-

- (A) Roots and Leaves  
(B) Leaves and Flowers  
(C) Leaves and Dried fruits  
(D) Flowers and Dried fruits

20. Clove, the commonly used spice is obtained from the

- (A) Root (B) Stem  
(C) Flower Bud (D) Fruit





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21. Hashish is obtained from a plant. From which part of the plant is it obtained?

- (A) Leaves
- (B) Stem
- (C) Exudate from leaves and female inflorescences
- (D) Exudate from stem and male inflorescences

22. From which part of a plant is turmeric obtained?

- (A) Root
- (B) Stem
- (C) Fruit
- (D) Flower

23. Ginger is a modified with

- (A) Roof
- (B) Leaf
- (C) Tendril
- (D) Stem

24. 'Comose' seeds are seeds with-

- (A) Long hairs
- (B) Wings
- (C) Bristles
- (D) Hooks

25. A plant which reproduces by means of spores-

- (A) Mustard
- (B) Coriander
- (C) Ferns
- (D) Petunia

26. Which of the fruit develops from an inflorescence?

- (A) Apple
- (B) Guava
- (C) Pineapple
- (D) Grape

27. A plant with fibrous root system is-

- (A) Wheat
- (B) Pea
- (C) Mustard
- (D) Bean

28. The age of trees is determined by its-

- (A) birth
- (B) Height
- (C) Growth Rings
- (D) General Appearance

29. Study of field crops is called

- (A) Pomology
- (B) Agronomy
- (C) Olericulture
- (D) Floriculture

30. Carrot is orange in colour because

- (A) It grows in the soil
- (B) It is not exposed to sunlight
- (C) It contains carotene
- (D) The entire plant is orange in colour

31. The floral part that receives pollen-grains during pollination is

- (A) ovary
- (B) style

(C) stigma

(D) ovules

32. An edible underground stem is

- (A) Ginger
- (B) Sweet-potato
- (C) Sugarcane
- (D) Radish

33. Plants which flower only once in their life time are known as

- (A) polycarpic
- (B) monocarpic
- (C) monogamous
- (D) monogeneric

34. In dicots the pollen-grains possess-

- (A) Two germ pores
- (B) Three germ pores
- (C) Four germ pores
- (D) One germ pore

35. The plant from which cocoa and chocolate are obtained is a

- (A) Herb
- (B) Shrub
- (C) Theobroma cocoa
- (D) Very big tree

36. Resin is a product of

- (A) Grapes
- (B) Coniferous trees
- (C) Rubber are
- (D) Banyan tree

37. Water of coconut is

- (A) Liquid nucellus
- (B) Liquid mesocarp
- (C) Liquid endocarp
- (D) Degenerated liquid endosperm

38. Bulbils takes part in-

- (A) Sexual reproduction
- (B) Vegetative reproduction
- (C) Food storage
- (D) Respiration

39. Stem is usually

- (A) Positively Phototropic
- (B) Negatively Phototropic
- (C) Negatively geotropic
- (D) Positively Acro tropic

40. Root hairs arise from

- (A) Cortex
- (B) Pericycle
- (C) Epidermis
- (D) Endodermis

41. The gametophyte is called prothallus in







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- |  |                            |  |                       |
|--|----------------------------|--|-----------------------|
| (A) Pteridophyta   | (B) Bryophyta              | (A) Bryophytes   | (B) Pteridophytes     |
| (C) Spermatophyta  | (D) Thallophyte            | (C) Angiosperms  | (D) Gymnosperms       |
| 42. The best example of Polyembryony is-                               |                            | 53. Potato is a ?  |                       |
| (A) Cocoa  | (B) Capsicum               | (A) Root   | (B) Stem              |
| (C) Citrus   | (D) Cynas                  | (C) Bud  | (D) Fruit             |
| 43. The oilseed of which plant is not edible-                          |                            | 54. Mangroves are plants that have-                              |                       |
| (A) Sunflower  | (B) Cotton seed            | (A) Modified Roots   | (B) Modified Stems    |
| (C) Sesamum  | (D) Groundnut              | (C) Respiratory Roots  | (D) Respiratory Stems |
| 44. Which fruit has its seed outside?                                  |                            | 55. Which of the following plants have root nodules ?            |                       |
| (A) Strawberry   | (B) Banana                 | (A) Leguminous plants  | (B) Parasitic plants  |
| (C) Groundnut  | (D) Cashew nut             | (C) Epiphytic plants   | (D) Aquatic plants    |
| 45. Cactus is referred to as   |                            | 56. he auxiliary buds _____.                                     |                       |
| (A) Hydrophyte   | (B) Mesophyte              | (A) Grow endogenously from the pericycle                         |                       |
| (C) Xerophyte  | (D) Epiphyte               | (B) Arise endogenously from the main growing point               |                       |
| 46. How many neck canal cells are found in the archegonium of a fern?  |                            | (C) Is an embryonic shoot located in the axil of a leaf          |                       |
| (A) One  | (B) Two                    | (D) Arise exogenously from the epidermis                         |                       |
| (C) Three  | (D) Four                   | 57. Organisms that use light to prepare food are known as _____. |                       |
| 47. Which angiosperm is vessel less?                                   |                            | (A) Autotrophs   | (B) Heterotrophs      |
| (A) Hydrilla   | (B) Trochodendron          | (C) Omnivores  | (D) Decomposers       |
| (C) Maize  | (D) Wheat                  | 58. Which of the following bears flowers?                        |                       |
| 48. Water conduction take place in mosses through                      |                            | (A) Bryophyta  | (B) Pteridophyte      |
| (A) Xylem and Phloem   | (B) Xylem                  | (C) Gymnosperms  | (D) Angiosperms       |
| (C) Collenchyma  | (D) Parenchyma             | 59. Parallel venation is found in _____.                         |                       |
| 49. Sporangia bearing leaf of a fern is called                         |                            | (A) Plants which are monocots                                    |                       |
| (A) Ramentum   | (B) Indusium               | (B) Plants which have a dicot stem                               |                       |
| (C) Sorus  | (D) Sporophyll             | (C) Plants with leaves similar to Tulsi                          |                       |
| 50. The sexual reproductive organs of aspergillus are-                 |                            | (D) Plants with tap roots  |                       |
| (A) Spermatium and Oo Sporangia bearing leaf of a fern is calledgonium |                            | 60. Which of the following is not true about Gymnosperms?        |                       |
| (B) Antheridium and Oogonium   |                            | (A) Dominant phase is saprophytes                                |                       |
| (C) Spermatium and Ascogonium  |                            | (B) Vascular bundles are absent                                  |                       |
| (D) Antheridium and Ascogonium   |                            | (C) Spores are heterospories                                     |                       |
| 51. The pollination of maize takes place by-                           |                            | (D) Flowers are absent   |                       |
| (A) Self- pollination  | (B) Pollination by insects | 61. Which of the following is not true about Angiosperms?        |                       |
| (C) Pollination by air   | (D) Pollination by rain    | (A) Dominant phase is gametophytes                               |                       |
| 52. Companion cells are unique to                                      |                            | (B) Vascular bundles are present                                 |                       |
|  |                            | (C) Spores are heterospores                                      |                       |





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(D) Seeds are covered

(A) Creeper

(B) Herb

(C) Shrub

(D) Tree

62. \_\_\_\_\_ is a leaf where the leaflets are arranged along the middle vein.

(A) Pinnately compound leaf

(B) Palmately compound leaf

(C) Compound leaf

(D) Simple leaf

63. Which among the following type of trees are also called as sun loving trees?

(A) Xerophytes

(B) Heliophytes

(C) Saprophytes

(D) Halophytes

64. The chicory powder which is mixed with coffee powder is obtained from which of the following part of plant?

(A) Stem

(B) Fruit

(C) Flower

(D) Root

65. Onion is an example of bulb, which is a modified \_\_\_\_\_.

(A) Stem

(B) Root

(C) Leaf

(D) Flower

66. Potato is an example of \_\_\_\_\_.

(A) Tuber

(B) Bulb

(C) Corms

(D) Rhizome

67. Which of the following is the highest source of protein?

(A) Sun flower

(B) Soyabean

(C) Grams

(D) Wheat

68. Turmeric is a modified \_\_\_\_\_.

(A) Stem

(B) Root

(C) Leaves

(D) Fruit

69. Arrangement of leaves in a plant is called as \_\_\_\_\_.

(A) Phyllotaxy

(B) Phototaxy

(C) Phototaxy

(D) Lianataxy

70. Which among the following is an example of dicot seed?

(A) Rice

(B) Wheat

(C) Pulses

(D) Maize

71. Wheat is a \_\_\_\_\_.

