Paper Code - 3025

B Sc Sem – I (Old Course)
July-Sep – 2021
Botany
CC-BOT-111

કુલ સમય :– ૬૦ મીનીટ કુલ પ્રશ્નો : ૫૦ વિદ્યાર્થીએ ટીક કરવાના પ્રશ્નો : ૩૫

નોંધ : વિદ્યાર્થીએ માત્ર ૩૫ પ્રશ્નો જ ટીક કરવાના રહેશે. જો વધારે ટીક કરેલ હશે તો પ્રથમ ૩૫ પ્રશ્નો જ ગણતરીમાં લેવામાં આવશે.

1. Mention the prokaryotic organism from following
   (A) Virus (B) mycoplasma (C) Amoeba (D) Paramecium
2. The term plasmodesmata was given by them in first:
   (A) Fontana (B) Koliker (C) Strasburger (D) Robert Brawn
3. Activities of cell are regulated by following which organelle?
   (A) Nucleolus (B) Cytoplasm (C) Protoplasm (D) Nucleus
4. Which plant is known as a Bread Mould?
   (A) Mucor (B) Spirogyra (C) Oedogonium (D) Nostoc
5. Plant group without chloroplasts are known as
   (A) Fungi (B) Algae (C) Bryophyta (D) Pteridophyta
6. Which of the following plant do you find motor cells?
   (A) Nerium (B) Sunflower (C) Banyan (D) Maize
7. It is an insectivorous plant:
   (A) Cuscuta (B) Viscum (C) Nepenthus (D) Orchid
8. Which organisms are known as a first level consumer?
   (A) Producers (B) Carnivores (C) Decomposers (D) Herbivores
9. The plant which concerns with mycorrhiza:
   (A) Cycus (B) Pinus (C) Legumes (D) Orchid
10. The function of periderm is:
    (A) Nutrition (B) Respiration (C) Protection (D) Photosynthesis
11. Which organ haven't true nucleus:
    (A) Green algae (B) Fungi (C) Bryophyta (D) Bacteria
12. Who give cell theory?
    (A) Swan (B) Schleiden (C) Schleiden and swan (D) None of this
13. Centromere is part of:
    (A) Chromosome (B) Mitochondria (C) Endoplasmic reticulate (D) Ribosome
14. Example of symbiosis:
    (A) Loranthus (B) Root nodules (C) Orchid (D) Utricularia
15. Example of predation as under:
    (A) Mycorrhiza (B) Root nodules (C) Orchid (D) Utricularia
16. Example of carnivorous plant:
    (A) Loranthus (B) Root nodules (C) Nepenthes (D) Orchid
17. Which is Lentic-sweet water source:
    (A) Sea (B) Stream (C) Well (D) River
18. Example of Akaryotic cell:
    (A) Virus (B) Bacteria (C) Amoeba (D) Fungi
19. Study of algae is called _____
    (A) Mycology (B) Algologist (C) Phycology (D) Ecology
20. Star-shaped Chloroplast Present in _____
    (A)Zygnema (B) Cladophora (C) Spirogyra (D) Volvox
21. _____are unicellular algae?
    (A)Ulothrix (B) Oedogonium (C) Spirogyra (D) Chlorella
22. Spiral Chloroplast Present in _____
    (A)Ulothrix (B) Cladophora (C) Spirogyra (D) Volvox
23. Example of Isogamous algae.
    (A) *Polysiphonia* (B) Vaucheria (C) Volvox (D) *Spirogyra*
24. Study of Fungi is called _____
    (A) Mycology (B) Algologist (C) Phycology (D) Ecology
25. Multi-layered epidermis present in which plant leaf?
    (A)Neem (B)Maize (C)Nerium (D) Sunflower

26. Sunken-stomata occur in which plant leaf?
(A)Neem (B)Maize (C)Nerium (D) Sunflower
27. Cystolith occur in which plant as under?
(A)Orchid (B)Banyan (C)Nerium (D) Cycus
28. Raphids occur inwhich plant leaf?
(A)Red-Nerium (B)Banyan (C)Orchid (D) Maize
29. Grandular hair occur in which plant?
(A)Reddish (B)Cotton (C)Sunflower (D) Tulsi
30. Periderm fond in :
(A)Tulsi (B)Cycus (C)Tinospora (D) Banyan
31. Worked on Photothermal quantum number:
(A)Chinoy (B) AGTansley (C)Odum (D) Ernst Haeckel
32. Which bacteria found in Root nodules?
(A)Bacillus (B)Lactobacillus (C)Rhizobium (D) Nitrosomonas
33. Example of Mycorrhiza:
(A)Agaricus (B)Pinus (C)Lichen (D) Orchid
34. Example of Partial parasite plant:
(A) Loranthus(B) Cuscuta (C) Uticularia (D) Nepenthes
35. Which organisms are known as a producer?
(A) Fungi (B) Carnivores (C) Plants (D) Herbivores
36. Which of the following ecological pyramid is always upright?
(A) Pyramid of energy (B) Pyramid of number
(C) Pyramid of biomass (D) None of this
37. The pyramid of numbers is inverted in the case of:
(A) Parasitic food chain (B) Grassland ecosystem
(C) Forest ecosystem (D) Lake ecosystem
38. The concept of ecological pyramid was first proposed by
(A) E.P.Odum (B) AGTansley (C) Juday (D) Charles Elton
39. Who is the father of Botany?
(A) Mendel (B) Theophrastus (C)Odum (D) Watson & Crick
40. Cup-shape Chloroplast Present in _____
(A) Zygnema (B) Cladophora (C) Spirogyra (D) Chlamydomonas
41. Colour of Betracospermumalgae:
(A) Blue (B) Red (C) Yellow (D) Green
42. Which algae have occur conjugation type reproduction?
(A)Ulothrix (B) Oedogonium (C) Spirogyra (D) Chlorella
43. Chitinous cell wall is present in:
(A)Plant (B) Bacteria (C)Protista (D) Fungi
44. Mucor is _____type of fungi?
(A)Saprophyte(B) Autotrophs (C)Parasite (D) Epiphyte
45. Which fungi occur eucarpic thallus?
(A)Agaricus (B) Yeast (C)Mucor (D) Pythium
46. Example of complex permanent tissue?
(A)Parenchyma (B) Phloem (C)Collenchyma (D) Sclerenchyma
47. Bulliform cell occur in:
(A)Bougainvillea (B) Neem (C)Sunflower (D) Maize
48. _____ present in the structure of Cystolith:
(A)Calcium sulfite (B) Calcium carbonate
(C)Calcium oxalate (D) Calcium acetate
49. Raphids made up of :
(A)Calcium sulfite (B) Calcium carbonate
(C)Calcium oxalate (D) Calcium acetate
50. Stellat hair occur in which family?
(A)Malvaceae (B) Brassicaceae (C)Acanthaceae(D) Ruraceae

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