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(ONLINE CLASS/REGULAR CLASS)

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MODEL TEST-I

1. The synangium is present in the following pteridophytic genera:

   i. Rhynia ii. Psilotum iii. Zosterophyllum iv. Asteroxylon

   of these

   a. I and III are correct b. III and IV are correct

   c. I only correct d. II only correct

2. A Sorus in which all sporangia appear. Grow and mature at the same time is called as

   I. Mixed and Gradate II. Simple only

   III. Gradate and uniform IV. Uniform only

   of these

   a.I and IV are correct b. IV only is correct

   c. II only is correct d. III and I are correct

3. In nucleic acids (DNA and RNA) the phosphate is attached to the sugar by

   a. Hydrogen bond b. Glycosidic bond

   c. Ester bond d. Disulphide bond

4. Match List I correctly with List II and select your answer using the codes given below

   List- I **List –II**

   A. Sub-fossils 1. Pollen spores

   B. Pseudo fossils 2. Wood, seed, fruits

   C. Mega Iossils 3. Non-petrified, carbonized plant remains

   D. Micro fosils 4. Rocks formed in the form of plant parts

Codes

	A	B	C	D
a.	4	2	3	1
b.	4	3	2	1
c.	3	4	2	1
d.	3	4	1	2

5. Ribozymes are

   a. enzymes present in the ribosomes

   b. Enzyme which combines the ribosomal subunits

   c. Enzymes to dissociate the ribosomal subunits

   d. Enzymes made up of RNA, not protein

6. 'Coal balls' with respect to fossils refer to

   a. Petrified plant organs b. impressions of plant organs

   b. External parts preserved as cast d. compression type of plant organs

7. Consider the following statements on the order coniferales

   I. Plants are usually long. Branched evergreen trees

   II. The branches are dimorphic with long and dwarf shoots

   III. The wood is pyenoxylic

   IV. The male gametes are mobile with numerous flagella

   Which of the above statements is not true?

   a. I and III b. II, III and IV c. II only d. IV only

8. The distribution pattern of organisms found around the high latitudes of the southern hemisphere

   a.Cosmopolitan distribution b. Circumpolar distribution

   c.Circumboreal d.circumaustral distribution

9. The headquarters of International plant Genetic Resources Institute located at IPGRI

   a.Geneva b. Rome c. London d. New Delhi

10. Vegetative reproduction by buds and bulbils is common in

    a.Pinus b. Ephedra c. Gnetum d. Cycas

11. Choose the correct match

    I. Sperms bifiagellate – Mosses and Liverworts

    II. Sperms uniflagellate - Mosses and Marchantia

    III. Sperms multiflagellate – Mosses and Funaria

IV. Sperms triflagellate - Mosses and Polytrichum

Of these

a.I is correct b. I and III are correct c. II and IV are correct d. II is correct

12. According to telome theory, the earliest leaves are flattened telomes which are called as

a. Mesoids b. Phylloids c. Syntelomes d. Phylloclade

13. Match the following

	A	**B**	**C**	**D**
A. Unit membrane model - i. Hiller and Hoffman	a. ii	iv	i	iii
B. Bimolecular leaflet model- ii. Singer and Nicolson	b. iii	iv	ii	i
C. Fluid mosaic mode -iii. Robertson	c. iv	iii	ii	i
D. Micerllar model -iv. Danielli and Dauson	d. ii	iii	i	iv

14. DNA polymerase I, discovered by Kornberg et al (1955), is a multifunctional enzyme it

a. Catalyses the addition of nucleotide residues of primer RNA at 3'end
b. Catalyses 3' – 5' exonuclease activity
c. Catalyses 3 – 5' endonuclease activity
d. is chiefly responsible for DNA chain

15. Endemism term coined by

a. Von Humboldt b. linnaeus

c. Augustin P. de Candolle d. Nelson & Platnick

16. The first International Botanical Congress was held at Paris in

a.August 1867 b.August 1868 c. August 1767 d. August 1869

17. Any one of two or more name s used for the same taxon rank; a rejected name due to misapplication or difference in taxonomic judgment.

a.Synonym b.homonym c.tautonym d.taxon

18. Liriodendron tulipifera is belongs to

a.Ranunculiaceae b.Magnoliaceae c. Polygalacea d. Caryophyllaceae

19. choose the correct order of Epochs of Cenozoic

I.Paleocene II.Eocene III.Oligocene IV.Miocene V. Pliocene VI.Pleistocene VII.Holocene

a.I,II,III,V,VII,IV ,VI b.Vll,Vl,V,IV,III,II,I

C.I,II,III,IV,V,VII,VI d.I,II,III,IV,V,VI,VII

20. The term Biophytolysts' tefers to

a. Capability of certain bacteria in sunlight
b. Capability of certain fungi during respiration at sunlight
c. Capability of certain algae to produce hydrogen from water and light
d. Capability of certain water plants in sunlight

21. Fossile protolepidodendales is

a) Herbaceeouse Heterosporous b. tree Heterosporous
c) Herbaceous homosporous d)tree homosporous

22. Fossile Sigilaria belongs to

a) Fern b)Gymnosperm C)Bryophytes d)Algae

23. Gondwanaland is the name given to a

a.dinosaur b.land plant c.Devonian fish d. Permian continent

24. Their sporangia present on reduced branches called sporangiophores found in fossil of

a.Rhyniophyta b. Arthrophyta
c.Zosterophyllophyta d. Trimerophytophyta

25. Giant horsetail belongs to

a. Rhyniophyta b. Arthrophyta c.Microphyllophyta d. Trimerophytophyta

26. Saffron is produced from

a) roots of Indigofera b) petals of Rosa
c) stamens of Hibiscus d) Style and stigma of Crocus

27. Flowers in Ranunculaceae are characterized by

a.Cyclic arrangement of floral whorls on a short thalamus
b.Spiral arrangement of statements and carpals on a short thalamus
c.Cyclic arrangement of floral whorls on a long thalamus
d.Spiral arrangement of stamens and carpals on an elongated thalamus

28. Berberine alkaloids are widely distributed in plants belonging to families berberidaceae and

a. Combretaceae b. Liliaceae c. Ranunculaceae d. Asteracea

29. Which of the following is known as the castor family

a.Solanaceae b. Lauraceae c. Loranthaceae d. Euphorbiaceae

30. Number of seed plants described by Bentham and Hooker's classification were

a. 102 b. 302 c. 402 d. 202


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PG TRB BOTANY - 2022 அருணை அகாடமி சாதனையாளர்கள்
மாநில அளவில் 50 ஆசிரியர்கள் தேர்ச்சி பெற்று சாதனை
SARANYA S
MARKS : 98 | 21PG1122116552
DHARMAPURI - DT.
SUMATHI S
MARKS : 97 | 21PG1104089972
TIRUPUR - DT.
DHIVYA E
MARKS : 96 | 21PG1104088914
ERODE - DT.
G VIJAYALAKSHMI
MARKS : 94 | 21PG1122114674
DHARMAPURI - DT.
L. KANAGUMANI
MARKS : 94 | 21PG1102081727
CHENNAI - DT.
MALATHI K
MARKS : 94 | 21PG1135139049
COIMBATORE - DT.
R ELAVARASAN
MARKS : 93 | 21PG1132136272
SALEM - DT.
DEEPA P
MARKS : 93 | 21PG1136141830
KRISHNAGIRI - DT.
VINOTH KUMAR M
MARKS : 93 | 21PG1104090258
THE NIGIRI - DT.
SAKTHIVEL S
MARKS : 93 | 21PG1102084773
VILLUPURAM - DT.
THENMOZHI B
MARKS : 93 | 21PG1104088906
SALEM - DT.
PRIYA A
MARKS : 93 | 21PG1104088922
SALEM - DT.
AJITHKUMAR C
MARKS : 93 | 21PG1136141764
KRISHNAGIRI - DT.
SELVAM R
MARKS : 92 | 21PG1122113982
DHARMAPURI - DT.
DILIPAN S
MARKS : 92 | 21PG1132129905
SALEM - DT.
MOHANAPRIYA B
MARKS : 92 | 21PG1122117042
NAMAKKAL - DT.
A MANIVEL
MARKS : 91 | 21PG1129126171
KALLAKURICHI - DT.
E PUSHPA
MARKS : 91 | 21PG1102079479
CHENGALPATTU- DT.
SARAVANAN R
MARKS : 91 | 21PG1132129911
SALEM - DT.
PARITHA B
MARKS : 91 | 21PG1122117194
DHARMAPURI - DT.
S THANGAMANI
MARKS : 91 | 21PG1122114707
NAMAKKAL - DT.
SHYNI J
MARKS : 91 | 21PG1133133753
KANYAKUMARI - DT.
MANIKANDAN R
MARKS : 91 | 21PG1104086183
ERODE - DT.
GOMATHI S
MARKS : 90 | 21PG1128125875
CHENNAI - DT.
R YASODHA
MARKS : 90 | 21PG1108093532
COIMBATORE - DT.
MATHANKUMAR G
MARKS : 90 | 21PG1136141844
KRISHNAGIRI - DT.
DHANASEKARAN
MARKS : 89 | 21PG1122117118
DHARMAPURI - DT.
MUTHULAKSHMI S
MARKS : 89 | 21PG1122113911
NAMAKKAL - DT.
MOOVENTHAN S
MARKS : 89 | 21PG1113105187
DHARMAPURI - DT.
ARIVUMATHI M
MARKS : 89 | 21PG1122116499
DHARMAPURI - DT.
PARTHASARATHY
MARKS : 88 | 21PG1132129934
SALEM - DT.
V GOPI
MARKS : 88 | 21PG1136141748
KRISHNAGIRI - DT.
GOVINDHAMMAL
MARKS : 88 | 21PG1122117143
DHARMAPURI - DT.
SHALINI S P
MARKS : 88 | 21PG1106091720
SALEM - DT.
E DHANASEKARAN
MARKS : 88 | 21PG1104088918
SALEM - DT.
THENMOZHI N
MARKS : 88 | 21PG1122116059
DHARMAPURI - DT.
B JEEVA
MARKS : 87 | 21PG1118110823
THIRUVARUR - DT.
VIJAYA M
MARKS : 87 | 21PG1106091640
SALEM - DT.
KRISHNAVENI M
MARKS : 87 | 21PG1108095512
COIMBATORE - DT.
SURESH R
MARKS : 87 | 1PG1110096438
TIRUVANNAMALAI - DT.
ESAISELVI S
MARKS : 87 | 21PG1111102677
TENKASI - DT.
S SENTHAMARAI
MARKS : 86 | 21PG1122116524
DHARMAPURI - DT.
POONGKUZHALI R
MARKS : 86 | 21PG1136141827
KRISHNAGIRI- DT.
UMA A
MARKS : 86 | 21PG1136141803
KRISHNAGIRI - DT.
P AMUTHA
MARKS : 86 | 21PG1123118643
RAMNADU - DT.
NATARAJAN B
MARKS : 86 | 21PG1102079433
CUDDALORE - DT.
MANIRAJ R
MARKS : 84 | 21PG1129126695
KALLAKURICHI - DT.
புதிய நேரடி
வகுப்புகள் ஆரம்பம்
25-09-2022 ஞாயிறு
காலை 9.00 மணி
GOPAL C
MARKS : 82 | 21PG1104089014
ERODE - DT.
MAHESWARI C
MARKS : 81 | 21PG1106091662
SALEM - DT.
ஆன்லைன் புதிய
வகுப்புகள் துவங்கும்
நாள் :
5-10-2022

31. The term ICTV used to

a) Viruses classification b) Bacteria classification

c) viruses culture test d) Bacteria culture test

32. Leaf bearing sporangia found on

a) Sphenophyetes b) seed fern c)williansonia d)Fillicineae

33. The egg secretes pheromone in

a)chara b)chlamydomonas c)fucus d)polysiphonia

34. Which has the highest absorption per unit mass at a wavelength of 260 nm?

a. Double stranded DNA b. Mononucleotides c. RNA d. Protein

35. Viruses are acquired and transmitted in less than 5 minutes

a.Non-persistent transmission b. Semi-persistent transmission

c. Persistent transmission d.all of these

36. Plastochron refers to

a. Pigment associated with photoperiodism b. Photosynthetic unit

c. Time interval between the inception or formation of two successive layers in the shoot apex d. None of these

37. N1 and SM1 are

a. algal viruses b. mycoviruses.

d. Bacterial viruses d.Small chromosome segment

38. Azotobacter, Beijerinkia are

a.These bacteria present in the rhizosphere of graminaceous plants and symbiotically fix atmospheric nitrogen.

b.Form nodules in legume roots and fix atmospheric nitrogen

c.Present in the soil as heterotrophs use verity of carbon sources in soil and fix atmospheric nitrogen

d.Endoparasites

39. Bergey's Manual of systematic bacteriology has

a) 1 volume b. 2 volumes c. 3 volumes d.4 volumes

40. Which of the following lichen yields large amount of calcium oxalate crystals

a.Cetraria islandica b. Lecanora esculenta c.Ochrolechia d. Parmelia

41. Who proved that oxygen evolved in photosynthesis comes from water?

a) Mayer b) Melvin Calvin c) Hatch d) Ruben and Kamen

42. Extranuclear mtDNA, chloroplast DNA

a. Do not encode protein b. Encode protein which are expressed only in ribosomes

c.Encode protein which are expressed only in mitochondria and chloroplast

d.Encode proteins which are expressed anywhere with cell

43. Phloroglucinol specifically used to stain

a. Cellulose b. Lignin c. Suberin d. pectin

44. The ovule types seen among the members of centrospermae are

a. Anatropous and circinotropous b. Campylotropus and amphitropous

c. Circinotropous only d. Anatropous only

45. Amphivasal vascular bundle consists of

a. Xylem surrounding phloem b. Phloem surrounding xylem

c. Xylem and phloem in same line d. Xylem and phloem as separate strands

46. Totipotency is

a. Dedifferentiation and dedifferentiation b. Dedifferentiation and Redifferentiation

c. Differentiation and Redifferentiation d. Dedifferentiation and Differentiation

47. Tenuinucellate type of ovule consists of

a. Small nucellus b. Large nucellus c. No nucellus d. Perisperm

48. A group of cells below the embryo sac in the chalazal region is called as

a. Epistase b. Hypostase c. Suspensor d. Haustoria

49. Select the following statement which is correct

I. Leg haemoglobin is located in root nodules

II. Leg haemoglobin combines with oxygen and protects nitrogenase

III. Leg haemoglobin is an oxygen scavenger

IV. Leg haemoglobin is pink coloured and is product of Rhizobium and legume complex

a.I Only b.I and II Only c.I,II,III only d.all of these

50. The transfer of minerals from top soil to sub soil through soil water is called

(a) Transpiration (b) Conduction (c) Percolation (d) Leaching

51. Function of Zinc is

(a) Synthesis of chlorophyll b (b) Biosynthesis of Indole 3 - IAA

(c) Closing of Stomata (d) Oxidation of carbohydrate

52. Which of the following is the easiest method of gene transfer?

a) Protoplast fusion b) Electroporation

c) Transformation d)Gene gun

53. Meosomes are also known as

a. Mitochondria b. Endoplasmic reticulum c. Plasmids d. Chondroids

54. Tansley proposed

a. Mono-climax Theory b. Poly climax Theory

c.Climax-pattern Theory d. Climax as Vegetation Theory

55. Epibiotics means

a. The plants belong to fossil groups and are restricted to few pockets due to favourable climate, lack of competition
b. A taxon is evolutionarily young and not yet spread over the new area
c. The plants belong to fossil groups and are distributed upper geological region to few pockets due to favourable climate, lack of competition
d. Restricted diploids which have given rise to widespread polyploids.

56. Which of the following pairs are correctly matched? Principal wave length of light physiological event

1.700 nm – Photosystem –I 2.650 nm – photosystem – II

3. 690 nm – photosystem – II 4. 620 nm – Phycocyanin

Select the correct answer using codes

a. 1,2 and 4 b. 1,3 and 4 c. 2 and 4 d. 1 and 3

57. according to Theory of Continental drift- The two landmasses were separated by

a.Tethys Sea b. Pangaea c. Panthalassa d. Gondwanaland

58. Alpha Taxonomy is

a. Primitive taxonomy b. Descriptive taxonomy

c. Natural taxonomy d. Taxonomy based on only morphological characters

59. The DNA polymerase involved in base excision repair is

a) DNA polymerase α b) DNA polymerase β

c) DNA polymerase σ d) DNA polymerase γ

60. .Which of the following leads to disruption of nucleosomal structure?

a) Acetylation b) Carboxylation c) Phosphorylation d) Methylation

61. XY sex chromosomes were discovered by

a.Mendel b.R Brown c.Nettil Stevans d.M J D White

ALL POWER IS WITHIN YOU

62. Which of the following is correct?

a. A forms 2 hydrogen bonds with G; T forms 3 hydrogen bonds with C
b. A forms 3 hydrogen bonds with T; G forms 2 hydrogen bonds with C

c. A forms 2 covalent bonds with T; G forms 3 covalent bonds with C

d. A forms 2 hydrogen bonds with T; G forms 3 hydrogen bonds with C

63. Cyanobacteria begins producing free oxygen (photosynthesis)

a.Cambrian b. Ordovician c.Silurian d. Proterozoic

64. Ginkgo biloba is a living fossle gymnosperm that first appeared during the

a. Permian b. Triassic Period c. Jurassic period d.Silurian

65. Who coined the term clone?

a.Webber b. Johannsen c. Gardner d. Louis de Vilmorin

66. Which of the following photosynthetic characteristics are present in c3 plants -but not in c4 plants?

1.Co_2 compensation point of 45 ppm

2.Relatively higher rate of photorespiratory Co_2 evolution

3.Presence of well developed bundle sheath

4.Initial involnement of RUBP carboxylase (RUBISCO) IN Co_2 assimilation

Select the correct answere:

a. 1,2 and 3 b.1,2 and 4 c. 1,2 and 4 d. 2 and 4

67. During the glyoxylate cycle, four-carbon oxaloacetate is generated from two carbon acetate. The correct sequence in which the intermediate compounds appear from citrate is

a. citrate, succinate, fumarate, glyoxylate

b. citratc, fumarate, glyoxylate, malate

c. citrate, isbcltrateglyoxylate, malate

d. citrate, isocitrate, malate, glyoxyte

68. Match List – I with List – II

List – I	**List – II**
Essential elements	**Deficiency symptoms**
A.Boron	1. Die – back disease
B.Copper	2. Interveinal chlorosis
C.Iron	3. Little leaf disease
D.Zinc	4. Terminal leaf necrosis

Codes :

	A	B	C	D
a.	1	4	3	2
b.	1	4	2	3

c. 4 1 3 2

d. 4 1 2 3

69. Theory of Regressive evolution is evolution of sporophytes due to the progressive reduction or simplification.its supported by

a. Church and Kashyap b. Bower

c.Cavers and Campbell d.Campbell and Bower

70. Which of the following is N2 fixing bacterium living in association with sugarcane

a) Acetobacter b) Azotobacter c) Frankia d) Azospirillum

71. Linear sori and false indusium are characteristic of

a. pteris b. Dryopteris c. Adiantum d. polypodium

72. Bordeaux mixture was discovered by P.A. Millardet of France during the year 1882 following his chance observation of farmer's practice for protection against:

a. Plasmoparaviticola on grapevine b.Uncinula nectar on grapevine

c.Podosphaeraleucotricha on apple d. Venturiainequalis on apple

73. Pick out the wrong pair

a.Pandemic - Disease not prevalent throughout the country, continent or the world

b.Epidemic - The diseases which appear very virulently among the people

c.Endemic - The diseases which appear very virulently among the people

d.Sporadic - Disease which occurs at very irregular interval and location.

74. The vascular supply given from the main stele for leaf is called

a. Leaf gap b.Leaf trace c. Branch trace d. Haplostele

75. Transfusion parenchyma is see in

a. Rachis of Cycas b. Microsion Parenchyma Is Seen In

c. Coralloid Root of Cycas d. Leaf Lamina of Cycas

76. Which of the following is not true of E.Coli?

a. Gene combination can occur through transformation transduction and conjugation

b. It is a facultative aerobic bacteria

c. It is an obligate aerobic Bacteria

d. It occurs in the human intestine

77. The endosperm is myristica is an example for

a. Helobial type b. Cellular type

c. Nucleartype d. Ruminate type

78. Increase in number of chromonemate per chromosome is

a. Polyembryony b. Polyteny

c. Diplospory d. Polyandry

79. Synecology is the study of

a. Species with relation to community

b. Community in relation to population

c. Community in relation to environment

d. Species with relation to environment

80. Prof. M.O.P lyenger regarded as the "Father of Indian Algology" is credited with the discovery of

a. Porphyralinearis b. Fritschiella tuberose

c. Coleochaetepulvinata d. Botrachospermumminliforme

81. The protoplasmic inclusions found in xylem phloem, and other tissue of plants infected by virus are known as

a. Crystalline inclusions b. X-Bodies

c. Intranuclear inclusions d. Intercellular inclusions

82. Match the following List of Mycotoxins with the food items affected by the toxins. Choose the correct answer from the responses below:

Mycotoxins	**Food items**	**A**	**B**	**C**	**D**
A.Aflatoxin	i. Wheat	a. iii	ii	i	iv
B.ATA toxin	ii. Apple	b. i	iii	iv	ii
C.Patulin	iii. Groundnut	c. iii	i	ii	iv
D.Rubra toxin	iv. Corn	d. i	iv	iii	ii

83. The general formula of polysaccharides is

a. $C_n(H_2O)_{n-1}$ b. $C_n(H_2O)_{n-2}$ c. $(C_6H_{10}O_5)x$ d. $C_nH_{2n}O_n$

84. Lycopenes are the main pigments of tomato and many other fruits. They are

a. Polyterpenes b. isoprene derivatives

c. Sesquiterpenes d. Sterols

85. The vascular bundle in which xyldm is in the centre and surrounded by phloem is known as

a. Coruoint collateral b. Amphivasal

b. Conjoint bicollateral d. Amphtcribral

86. Elaters are:

a) diploid in marchantia and haploid in pellia

b) Haploid in marchantia and diploid in pellia

c)haploid in both marchantia and pellia

d)dipoid in both marchantia and pellia

87. Which one is not a clearing agent?

a. Xylene b. Chloroform c. Benzene d. Acetone

88. Meixmer text is performed to find what?

a. The poisonous components of mushrooms

b. The level of toxicity in water due to presence of bacteria

c. The amount of probiotics in food substances

d. The presence of aflatoxins in food products

89. Identyfy the period during which flowering plants might have appeared

a. Permian period of palaeozoic era

b. Cretaceous period of Mesozoic era

c. Tertiary period of cenozoic era

d. Triassic period of Mesozoic era

90. Consider the following statements:

I. Tracheids are the chief water conducting elements of Gymnosperms

II. Tracheids have a living layer of cytoplasm

Of the statements:

a.I alone is true b. II alone is true

c. Both I and II are true d. Both I and II false

91. The anther wall consists of four wall layers where

a. Tapetum like just inner to endothecium

b. Middle layers lie inner between endothecium and tapetum

c. Endotheclum lies inner to middle layers

d. Taperum lies inner to middle layers

92. The pioneers in a Xerosere and Hydrosere are respectively:

a. Lichens and Zooplanktons b. Phytoplanktons and Zooplanktons

c Phtoplanktons and Lichens d. Lichens and phytoplanktons

93. Which of the following Era is known as Age of Angiosperms'?

a. Coenozoic b. Archaeozoic c. Proterozoic d. Palaeozoic

94. The ICBN is divided into three parts. They are:

a. Principles; Rules and Recommendations

b. Principles, Codes and Nomenclature

c. Principles, Types and Publications

d. Principles Typitications and Nomenclature

95. The classification which is based on the data collected from variety of sources, such Morphology, Physiology chemistry etc?

a. Serotaxonomy b. Cytotaxonomy c. Numerical Taxonomy d. Chemotaxonomy

96. Match List-I correctly with List-II and select your answer using the codes given below:

a. List –I	**List –II**	**Code:**	**A**	**B**	**C**	**D**
A. Aspergillusniger	1. Itaconic acid	a.	3	1	2	4
B. Aspergillus oryzae	2. Gluconic acid	b.	3	4	1	2
C. Aspergillus terreus	3. Cltric acid	c.	4	3	2	1
D. Penicilliumperfurogenum	4. Kojic acid	d.	3	4	2	1

97. Taq polymerase is the most common enzyme used in PCR it is_____

a. Thermostable but survives at 40°C for 1 minute

b. Thermostable and survives at 95°C for 1-2 minutes

c. Thermolabile and survives at 20°C for 1-2 minutes

d. Thermolabile but survives at 60°C for 1-2 minutes

98. Which of the following cytochromes react with oxygen during electron transport chain?

a. Cyt.f b. Cyt.b c. Cyt.a_3 d. Cyt.b_6

99. Which articles deals with the 'Typification' in ICBN?

a) Article 29 b) Article 10 c) Article 23 d) Article 26

100. Species that occur in different geogniphical regional separated by special barrier are

a. Allopathic b.Autogenic c.Sympatric d. Allogenic

101. Which of the following are called Natural Lipids?

a. Triglycerides and waxes b. Phospholipids and glucolipids

c. Sterols and Phospholipids d. Lipoproteins and gangliosides

102. Which one the following is not a reducing sugar?

a. Glucose b. Sucrose c. Maltose d. Ribose

103. The difference between starch and cellulose is

a. both starch and cellulose contain α-glucose
b. both starch and cellulose contain β-glucose
c. Starch contain α-glucose and cellulose contain β-glucose
d. Starch contain β-glucose and cellulose contain α-glucose.

104. The meristematic zone containing bryophyte is

a. Riccia b. Marchantia c.Porella d. Notothylas

105. The chemical bonds regarded as responsible for maintaining the tertiary structure of globular proteins is

a. Ionic bonds b. Disulfide bonds c. Peptide bonds d. Covalent bonds

106. Hill reaction takes place in

a. a. Grana b. Stroma c. Cytoplasm d. Stroma lamellae

107. NADP is

a. an enzyme b. Part of IRNA c. nucleotide d. co-enzyme

108. Raunkiaer prepared a normal spectrum based on sampling of world flora using one thousand entities. Which the departure of percentages of Phanerophytes

a.46 b.12 c.36. d.5

109. Sequoia sempervirens is

a.Palaeoendemics b. Neoendemics

c. Pseudo endemics d. Discontinuous Distribution

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நமது ARUNAI ACADEMY -யில் பயின்று தேர்ச்சி பெற்று அரசு பள்ளியில் தாவரவியல் முதுகலை ஆசிரியர்களாக பணியில் சேர்ந்துள்ள சாதனையாளர்கள்.....

SNO	ROLLNO	NAME	MARK	DOB	Gender
1	13PG15060231	SAVEETHA S	100	05/06/1984	F
2	13PG15060213	SUBRAMANI N	98	06/03/1985	M
3	13PG15060219	KOMATHI K S	94	05/09/1980	F
4	13PG30060119	ANANCIA P	94	20/07/1971	F
5	13PG15060075	SIVAKUMAR T	96	27/07/1986	M
6	13PG25060165	MANIVANNAN A M	93	10/05/1981	M
7	14PG06150465	REKA M SC	113	06/06/1986	F
8	14PG06250210	PONNURANGAN P	111	04/06/1985	M
9	17PG17050052	KALAINIDHI G	104		M
10	17PG17060090	RAMAKRISHNAN K	103		M
11	17PG16060115	SAGADEVAN T	103		M
12	17PG17060330	MADHIYAN C	97		M
13	17PG17060273	MURUGAN K	96		M
14	17PG17060129	SANTHI D	96		F
15	17PG14060165	JOTHI JF	95		F
16	17PG17060482	PARIMALA M	95		F
17	17PG17060150	SANGEETHA S	92		F
18	17PG17060B41	SELVI K	92		F

19	17PG17060078	NANDHINI M	92		F
20	17PG17060104	FATHIMABEGUM A	83		F
21	17PG17060015	DEVI C	90		F
22	17PG16060144	SARAVANAN C	94		M
23	17PG15060439	GAYATHRI M	91		F
24	17PG17060284	AMSAVENI N	87		F
25	16SL02040246	RAMYA S	90	06/10/1989	F
26	16SL02040008	UMAPRIYA S	82	25/10/1979	F
27	16SL03040432	KALAIGNANASELVI M	77	07/03/1986	F
28	19PG061803103	CHENNAMMAL.C	94	08-Jun-87	Female
29	19PG061500227	SUDHA M	91	10-Jun-88	Female
30	19PG061801079	GOVINDARAJU R	89	30-Jun-76	Male
31	19PG061801110	JAYARAMAN C	89	08-Jun-84	Male
32	19PG061801154	SANJAIGANDHI P	88	05-Jun-80	Male
33	19PG061801151	KATHIRVELU	88	16-Jun-85	Male
34	19PG061801060	ARTHANAREESWARAN P	88	20-May-89	Male
35	19PG061500237	SANGEETHA P	87	16-May-88	Female
36	19PG061807600	RAMESH A	86	05-May-83	Male
37	19PG061300142	SAKTHIVEL K	86	21-Jun-91	Male

38	19PG061500224	SAMBAVI S	84	12-Apr-89	Female
39	19PG062107356	VASANTH K	84	27-Apr-87	Male
40	19PG061809260	KARTHIK M	83	03-Jan-85	Male
41	19PG061803107	POOVARASI S M	83	08-Sep-85	Female
42	19PG061408534	REVATHI K	83	15-May-90	Female
43	19PG061807557	VIVEKANANDAN G	82	10-May-80	Male
44	19PG061301575	THANGARASU M	82	15-Jul-80	Male
45	19PG061800195	MURUGAN T	82	10-Jun-82	Male
46	19PG062110427	SATHEESH KUMAR M	82	06-May-86	Male
47	19PG062105867	C.SUBASHINI	82	19-Jun-86	Female
48	19PG063803521	JAYANTHI.A	81	01-Jul-79	Female
49	19PG061500254	MAYIL M	80	25-Apr-80	Female
50	19PG061812379	MUNIRAJU. M.	80	14-Apr-89	Male
51	19PG061803274	A ANITHA	79	27-Nov-81	Female
52	19PG061808460	ANANDAKUMAR D	79	28-Jul-83	Male
53	19PG061812445	MANIVEL M	79	07-Jun-87	Male
54	19PG062750215	SANKILI R	78	20-May-73	Male
55	19PG061801066	MAHENDRAN T	78	05-Jun-81	Male
56	19PG062750161	SUGANTHI S	78	03-Feb-83	Female
57	19PG061809264	K TAMILARASAN	77	15-Apr-83	Male
58	19PG061809820	MAHESWARAN M	76	07-Jul-89	Male
59		SARANYA S	98	12-04-1989	Female

	21PG1122116552				
60	21PG1104089972	SUMATHI S	97	18-03-1985	Female
61	21PG1104088914	DHIVYA E	96	23-03-1990	Female
62	21PG1122114674	G VIJAYALAKSHMI	94	04-03-1984	Female
63	21PG1102081727	L KANAGUMANI	94	08-03-1984	Female
64	21PG1135139049	MALATHI K	94	24-01-1989	Female
65	21PG1132136272	R ELAVARASAN	93	20-05-1981	Male
66	21PG1136141830	DEEPA P	93	11-06-1983	Female
67	21PG1104090258	VINOTH KUMAR M	93	28-05-1984	Male
68	21PG1102084773	SAKTHIVEL S	93	13-06-1986	Male
69	21PG1104088906	THENMOZHI B	93	12-06-1987	Female
70	21PG1104088922	PRIYA A	93	13-06-1989	Female
71	21PG1136141764	AJITHKUMAR C	93	07-06-1996	Male

72	21PG1122113982	SELVAM R	92	05-07-1980	Male
73	21PG1132129905	DILIPAN S	92		
74	21PG1122117042	MOHANAPRIYA B	92	06-05-1987	Female
75	21PG1129126171	A MANIVEL	91	14-02-1980	Male
76	21PG1102079479	E PUSHPA	91	26-04-1982	Female
77	21PG1132129911	SARAVANAN R	91	30-04-1982	Male
78	21PG1122117194	PARITHA B	91	20-05-1984	Female
79	21PG1122114707	S THANGAMANI	91	05-06-1985	Female
80	21PG1133137753	SHYNI J	91	24-07-1986	Female
81	21PG1104086183	MANIKANDAN R	91	07-02-1989	Male
82	21PG1128125875	GOMATHI S	90	02-06-1980	FeMale
83	21PG1108093532	R YASODHA	90	13-04-1984	Female
84	21PG1136141844	MATHANKUMAR G	90	12-05-1993	Male
85	21PG1122117118	DHANASEKARAN	89	01-06-1986	Male

87	21PG1122113911	MUTHULAKSHMI S	89	22-04-1987	Female
88	21PG1113105187	MOOVENTHAN S	89	05-06-1987	Male
89	21PG1122116499	ARIVUMATHI M	89	29-06-1997	Female
90	21PG1132129934	PARTHASARATHY	88	30-05-1983	Male
91	21PG1136141748	V GOPI	88	13-05-1984	Male
92	21PG1122117143	GOVINDHAMMAL	88	14-05-1985	Female
93	21PG1106091720	SHALINI S P	88	24-08-1985	Female
94	21PG1104088918	E DHANASEKARAN	88	04-05-1987	Male
95	21PG1122116059	THENMOZHI N	88	13-05-1995	Female
96	21PG1118110823	B JEEVA	87	15-05-1977	Female
97	21PG1106091640	VIJAYA M	87	20-06-1977	Female
98	21PG1102080216	GUNASELVAM K	87	09-07-1984	Male
99	21PG1108095512	KRISHNAVENI M	87	25-12-1984	Female
100	21PG1110096438	SURESH R	87	03-04-1985	Male
101	21PG1111102677	ESAISELVI S	87	16-05-1990	Female
103	21PG1122116524	S SENTHAMARAI	86	28-05-1978	Female
104	21PG1136141827	POONGKUZHALI R	86	10-05-1981	Female

105	21PG1136141803	UMA A	86	07-06-1981	Female
106	21PG1123118643	P AMUTHA	86	07-05-1982	Female
107	21PG1102079433	NATARAJAN B	86	03-02-1985	Male
108	21PG1117109842	BHUVANESWARI S	86	19-08-1986	Female
109	21PG1129126695	MANIRAJ R	84	28-05-1988	Male
110	21PG1113105670	KUPPUSAMY A	82	12-03-1981	Male
111	21PG1104089014	GOPAL C	82	15-04-1977	Male
112	21PG1106091662	MAHESWARI C	81	20-05-1987	Female
113	21PG1102079471	K RAJALAKSHMI	80	07-04-1981	Female