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125 Questions

Que. 1 Turner's syndrome is characterized by chromosomes

1. 46
2. 45
3. 47
4. 48

Testbook Solution Correct Option - 2

Que. 2 The membranous labyrinth contains a fluid called

1. Perilymph
2. Haemolymph
3. Lymph
4. Endolymph

Testbook Solution Correct Option - 4

Que. 3 Sunken stomata are found in:

1. Hydrophytes
2. Mesophytes
3. Xerophytes
4. none of these

Testbook Solution Correct Option - 3

Que. 4 The inflorescence in *Euphorbia hirsuta* is

1. Hypanthodium
2. Cyathium
3. Verticillaster
4. Racemose

Testbook Solution Correct Option - 2

Que. 5 Larva of *Balanoglossus* is

1. Muller's Larva
2. Tadpole Larva
3. Tornaria Larva
4. None of these

Testbook Solution Correct Option - 3

Que. 6 Petrification, Impression and Compression are types of

1. Fossils
2. Bacteria
3. Spores
4. Virus

Testbook Solution Correct Option - 1

Que. 7 How many somites are found in a 33 hrs old chick embryo-

1. 10
2. 11
3. 12
4. 13

Testbook Solution Correct Option - 1

Que. 8 Carbon monoxide is harmful to human beings as it is:

1. Carcinogenic
2. Antagonistic to CO_2
3. With higher affinity for haemoglobin as compared to oxygen
4. Destructive to O_3 (Ozone)

Testbook Solution Correct Option - 3

Que. 9 Which one of the following is neither a prokaryote nor an eukaryote.

1. Nostoc
2. Saccharomyces
3. Chlamydomonas
4. T.M.V.

Testbook Solution Correct Option - 4

Que. 10 Excretion in Herdmania takes place by-

1. By Nephrocytes
2. By nerve ganglion
3. By neural gland
4. By solenocytes

Testbook Solution Correct Option - 1

Que. 11 Which of these statement is true:

1. 'Kranz' anatomy of leaf is seen in C_4 Plants
2. 'Kranz' anatomy of leaf is seen in C_3 Plants
3. 'Kranz' anatomy of leaf is seen in C_3 and C_4 Plants
4. Nothing in certain regarding Kranz anatomy

Testbook Solution Correct Option - 1

Que. 12 In Funaria the peristome teeth are:

1. Arthodontous type
2. Nematodontous type
3. Amphidontous type
4. None of these

Testbook Solution Correct Option - 1

Que. 13 Hensen's nodule is formed during the gastrulation of:

1. Amphibious
2. Birds
3. Amphibians and Reptiles
4. Reptiles, Birds and Mammals

Testbook Solution Correct Option - 2

Que. 14 Which of these is a world famous Palaeobotanist:

1. Prof. S.R. Kashyap
2. Dr. J.C. Bose
3. Prof. Birbal Sahni
4. Prof. K.C. Mehta

Testbook Solution Correct Option - 3

Que. 15 In which of the following pteridophyte 'elaters' are present:

1. Lycopodium
2. Selaginella
3. Equisetum
4. Marsilea

Testbook Solution Correct Option - 3

Que. 16 "Henle's loop" is found in

1. lungs
2. heart
3. liver
4. kidneys

Testbook Solution Correct Option - 4

Que. 17 The fish used for control of malaria is

1. Rohu
2. Gambusia
3. Both a) and b)
4. None of these

Testbook Solution Correct Option - 2

Que. 18 Plasmids are:

1. Essential genetic material of bacterium
2. Extra-chromosomal genetic material of bacterium
3. Proteinaceous part of virus
4. Nuclear part of virus

Testbook Solution Correct Option - 2

Que. 19 Nitrogenous excretory product of frog tadpole-

1. Urea
2. Ammonia

3. Uric acid
4. Protein

Testbook Solution Correct Option - 2

Que. 20 Respiratory quotient is not less than one in-

1. Carbohydrates
2. Proteins
3. Fats
4. Normal diet

Testbook Solution Correct Option - 1

Que. 21 Basis of Lamarckism is:

1. Natural selection
2. Mutation
3. Variations
4. Inheritance of acquired characters

Testbook Solution Correct Option - 4

Que. 22 Chloroplast membrane is:

1. Single layered
2. Doubled layered
3. Multiple layered
4. Compound structure

Testbook Solution Correct Option - 2

Que. 23 Which of the following cranial nerves in man is both sensory and motor?

1. Optic
2. Olfactory
3. Trigeminal
4. Auditory

Testbook Solution Correct Option - 3

Que. 24 Lichens are good indicator of:

1. Water pollution
2. Air pollution
3. Noise pollution
4. All of these

Testbook Solution Correct Option - 2

Que. 25 Which of the following types of cells store reserve food in sponges:

1. Pinacocytes
2. Choanocytes
3. Trophocytes
4. Thesocytes

Que. 26 In which of the following, the asexual reproduction takes place by 'gemma':

1. Riccia
2. Marchantia
3. Funaria
4. Pogonatum

Testbook Solution Correct Option - 2

Que. 27 'V' shaped chromosomes are:

1. Metacentric
2. Sub metacentric
3. Acrocentric
4. None of these

Testbook Solution Correct Option - 1

Que. 28 In which of the following, peristome teeth are mainly found-

1. Liverwort
2. Hornwort
3. Mosses
4. All of these

Testbook Solution Correct Option - 3

Que. 29 The primary source of energy in an ecosystem is:

1. Sunlight
2. Glucose
3. Protein
4. A.T.P.

Testbook Solution Correct Option - 1

Que. 30 Which of the following is an aquatic species-

1. Riccia ganagetica
2. Riccia discolor
3. Riccia billardieri
4. Riccia fluitans

Testbook Solution Correct Option - 4

Que. 31 Bacteria with a tuft of flagella at one end, are called as:

1. Lophotrichous
2. Amphitrichous
3. Cephalotrichous
4. Peritrichous

Testbook Solution Correct Option - 1

Que. 32 Poisonous fluid present in nematocyst of Hydra is

1. Hypnotoxin
2. Haematin
3. Haemozoin
4. Agglutinin

Testbook Solution Correct Option - 1

Que. 33 The loss of water from plants, in the form of vapour is called as:

1. Guttation
2. Excretion
3. Transpiration
4. none of these

Testbook Solution Correct Option - 3

Que. 34 'White rust' disease is caused by:

1. Ascobolus
2. Rhizopus
3. Albugo
4. Puccinea

Testbook Solution Correct Option - 3

Que. 35 Gastrulation in frog is completed by:

1. By epiboly
2. By emboly
3. Both a) and b)
4. By delamination

Testbook Solution Correct Option - 3

Que. 36 Gestation period of rabbit is

1. 48 - 50 days
2. 60 - 70 days
3. 18 - 20 days
4. 28 - 32 days

Testbook Solution Correct Option - 4

Que. 37 During cell division, Cap cells are formed in:

1. Oedogonium
2. Ectocarpus
3. Chara
4. Polysiphonia

Testbook Solution Correct Option - 1

Que. 38 In which of the following is the stem divided into nodes and internodes:

1. Lycopodium

2. Selaginella
3. Equisetum
4. None of these

Testbook Solution Correct Option - 3

Que. 39 In Uromastix cloaca is divided into

1. Coprodaeum and Urodaeum
2. Coprodaeum and Proctodeum
3. Coprodaeum Urodaeum and Proctodeum
4. Urodaeum and Proctodeum

Testbook Solution Correct Option - 3

Que. 40 'Sago' grains are obtained from:

1. Cycas
2. Pinus
3. Fern
4. Moss

Testbook Solution Correct Option - 1

Que. 41 Taenia Saginata differs from Taenia solium as it lacks.

1. Rostellum
2. Suckers
3. Scolex
4. None of these

Testbook Solution Correct Option - 1

Que. 42 Seat worm is the alternate name of:

1. Pin-worm
2. Hook-worm
3. Intestinal rournd-worm
4. Guinea-worm

Testbook Solution Correct Option - 1

Que. 43 The family leguminosae is economically important as its member produce:

1. Cereals
2. Oils
3. Fibers
4. Pulses

Testbook Solution Correct Option - 4

Que. 44 Which of the fungus is used in making of bread:

1. Agaricus
2. Yeast
3. Mucor

4. Pythium

Testbook Solution Correct Option - 2

Que. 45 Endoskeleton of scoliodon made up of

1. Cartilage
2. Bones
3. Scales
4. Plates

Testbook Solution Correct Option - 1

Que. 46 System controlling the involuntary actions of internal organs is

1. Cerebrospinal
2. Parasympathetic
3. Autonomic
4. Peripheral

Testbook Solution Correct Option - 3

Que. 47 Cadmium pollution is associated with disease

1. Blood Anaemia
2. Itai-Itai
3. Minamata
4. Pneumoconiosis

Testbook Solution Correct Option - 2

Que. 48 Which of these cell organell is also known as 'dictyosome'?

1. Ribosome
2. Peroxysome
3. Lysosome
4. Golgi bodies

Testbook Solution Correct Option - 4

Que. 49 When a virus attack the bacterium, the material that enters the host cell is:

1. Protein Coat
2. Nucleic acid
3. Both a) and b)
4. None of these

Testbook Solution Correct Option - 2

Que. 50 Which one of the following is an edible fungus:

1. Agaricus
2. Ascobolus
3. Albugo
4. Pythium

Testbook Solution Correct Option - 1

Que. 51 Smallest proteinaceous infectious particle is known as:

1. Prions
2. Viroids
3. Virus
4. Bacteriophage

Testbook Solution Correct Option - 1

Que. 52 Common name of Fungia is:

1. Mushroom coral
2. Red coral
3. Brain coral
4. Organ pipe coral

Testbook Solution Correct Option - 1

Que. 53 Cup shaped chloroplast is found in:

1. Spirogyra
2. Chlamydomonas
3. Oedogonium
4. Ectocarpus

Testbook Solution Correct Option - 2

Que. 54 Eutherian mammals are

1. Oviparous
2. Viviparous
3. Ovoviviparous
4. Both a) and c)

Testbook Solution Correct Option - 2

Que. 55 Pneumatophores are special type of modified root which help in:

1. Respiration
2. Photosynthesis
3. Transpiration
4. None of these

Testbook Solution Correct Option - 1

Que. 56 Number of cranial nerves found in frog is:

1. 5
2. 10
3. 20
4. 30

Testbook Solution Correct Option - 3

Que. 57 Bacteriophage is:

1. a bacteria which infect virus
2. a virus which infect bacteria
3. a bacteria which infect algae
4. none of these

Testbook Solution Correct Option - 2

Que. 58 Trabaculated endodermis is found in:

1. Lycopodium
2. Selaginella
3. Equisetum
4. Marsilia

Testbook Solution Correct Option - 2

Que. 59 Schuffner's dots observed in erythrocytes are due to-

1. Filaria
2. Malaria
3. Kala-azar
4. Giardiasis

Testbook Solution Correct Option - 2

Que. 60 Which of these examples are the gramineae family:

1. Cucurbita maxicana, Lycopersicon esculantus
2. Pisum sativaum, Cajanus cajan
3. Solanum nigrum, Solanum tuberosum
4. Zea mays, Triticum Vulgare

Testbook Solution Correct Option - 4

Que. 61 "Nostoc" is a type of:

1. Blue green algae
2. Green algae
3. Brown algae
4. Red algae

Testbook Solution Correct Option - 1

Que. 62 Pecten is absent in which bird

1. Pigeon
2. Peacock
3. Kiwi
4. Crow

Testbook Solution Correct Option - 3

Que. 63 Two main components of lichens are:

1. Virus and bacteria
2. Virus and fungi

3. Bacteria and algae

4. Algae and fungi

Testbook Solution Correct Option - 4

Que. 64 The ovule, in which micropyle lies at one end while chalaza and hilum lie at opposite end is called as:

1. Orthotropous

2. Anatropous

3. Amphitropous

4. Campylotropous

Testbook Solution Correct Option - 1

Que. 65 Hormone helping insect metamorphosis is:

1. Thyroxine

2. Ecdysone

3. Pheromone

4. All of these

Testbook Solution Correct Option - 2

Que. 66 'Dwarf male' is found in:

1. Oscillatoria

2. Ectocarpus

3. Polysiphonia

4. Oedogonium

Testbook Solution Correct Option - 4

Que. 67 Motile sperms of Pila is known as

1. Oligopyrene

2. Eupyrene

3. Eurypylaus

4. Apylaus

Testbook Solution Correct Option - 2

Que. 68 Which of these is well preserved in fossil:

1. Pollen grains

2. Algae

3. Fungi

4. None of these

Testbook Solution Correct Option - 1

Que. 69 Crossing over occurs in meiosis during

1. Prophase I

2. Prophase II

3. Interphase

4. Interkinesis

Testbook Solution Correct Option - 1

Que. 70 Pneumatic bones are found in

1. Pigeon
2. Whale
3. Frog
4. Shark

Testbook Solution Correct Option - 1

Que. 71 'Volvox' is a

1. Unicellular form
2. Filamentous form
3. Parenchymatous form
4. Colonial form

Testbook Solution Correct Option - 4

Que. 72 'Puccinea' causes

1. Rust disease
2. Smut disease
3. Wilt disease
4. None of these

Testbook Solution Correct Option - 1

Que. 73 Water vascular system is a trait of

1. Poriferans
2. Molluscs
3. Echinoderms
4. All of these

Testbook Solution Correct Option - 3

Que. 74 In which of the following examples, heterospory is found:

1. Lycopodium and Selaginella
2. Selaginella and Equisetum
3. Equisetum and Marsilea
4. Selaginella and Marsilea

Testbook Solution Correct Option - 4

Que. 75 Bryophytes are also known as:

1. Vascular Cryptogams
2. Phanerogams
3. Amphibians of Plant kingdom
4. None of these

Testbook Solution Correct Option - 3

Que. 76 'Citrus Canker' disease is caused by:

1. Pseudomonas
2. Xanthomonas
3. Bacillus
4. None of these

Testbook Solution Correct Option - 2

Que. 77 Litmus is obtained from:

1. Algae
2. Fungi
3. Lichen
4. Moss

Testbook Solution Correct Option - 3

Que. 78 Unique characteristics of annelida is:

1. Coelom
2. Nephridia
3. Hermaphrodite
4. Alimentary canal complete

Testbook Solution Correct Option - 2

Que. 79 Winged Pollen grains are found in:

1. Cycas
2. Pinus
3. Ficus
4. Hibiscus

Testbook Solution Correct Option - 2

Que. 80 The edible part of fruit of coconut is:

1. Seed
2. Endosperm
3. Epicarp
4. Mesocarp

Testbook Solution Correct Option - 2

Que. 81 Which of these micro-organism play an important role in nitrogen fixation:

1. Rhizobium
2. Lactobacillus
3. Pseudomonas
4. None of these

Testbook Solution Correct Option - 1

Que. 82 Which one of the following statement true:

1. In a virus protein coat is made up of capsomere
2. Virus can multiply in dead cells also
3. Virus have their own protein synthesizing system
4. Virus are made up of Protein coat and nucleic acid

Testbook Solution Correct Option - 1

Que. 83 Algal association is found in:

1. Normal root of Cycas
2. Coralloid root of Cycas
3. Leaves of Cycas
4. Rachis of Cycas

Testbook Solution Correct Option - 2

Que. 84 Another name of Java man is

1. Pithecanthropus erectus
2. Homo erectus
3. Homo habilis
4. Both (1) and (2)

Testbook Solution Correct Option - 4

Que. 85 These are the main component of 'acid' rain

1. Sulphuric acid and nitric acid
2. Sulphuric acid and Hydrochloric acid
3. Nitric acid and hydrochloric acid
4. Nitric acid and acetic acid

Testbook Solution Correct Option - 1

Que. 86 The end product of glycolysis is

1. Pyruvic acid
2. Glucose 6 phosphate
3. Fructose 6 phosphate
4. Fructose 1, 6 phosphate

Testbook Solution Correct Option - 1

Que. 87 Kala-azar is transmitted by

1. Phlebotomus
2. Glossina
3. Pediculus
4. Aedes

Testbook Solution Correct Option - 1

Que. 88 Maturation of separamatozoa occurs in:

1. Epididymis
2. Vas deferens

3. Prostate
4. None of these

Testbook Solution Correct Option - 1

Que. 89 Dental formula of elephant is

1. $\frac{1033}{0033}$
2. $\frac{1003}{1003}$
3. $\frac{1023}{1013}$
4. $\frac{2033}{1033}$

Testbook Solution Correct Option - 1

Que. 90 Heart beat in the vertebrates

1. Neurogenic
2. Myogenic
3. Both (1) and (2)
4. None of these

Testbook Solution Correct Option - 2

Que. 91 Silk gland of silkworm are modification of:

1. Collateral glands
2. Mushroom glands
3. Salivary glands
4. Anal glands

Testbook Solution Correct Option - 3

Que. 92 All muscles which are attached to bones are

1. Unstriated muscles
2. Unstriated and striated muscles
3. Cardiac muscles
4. Only Striated muscles

Testbook Solution Correct Option - 4

Que. 93 An insect without pupa stage is

1. Mosquito
2. Silkworm
3. Bedbug
4. Butterfly

Testbook Solution Correct Option - 3

Que. 94 Protein synthesis takes place on the surface of:

1. Smooth Endoplasmic Reticulum

2. Rough Endoplasmic Reticulum
3. Nucleus
4. Chloroplast

Testbook Solution Correct Option - 2

Que. 95 Glomerular filtrate will not contain normally:

1. Glucose
2. Sodium chloride
3. Creatinine
4. Albumin

Testbook Solution Correct Option - 4

Que. 96 Protostele is found in:

1. Lycopodium
2. Equisetum
3. Marsilea
4. None of these

Testbook Solution Correct Option - 1

Que. 97 Male Ascaris differs from female Ascaris in having:

1. Lips
2. Amphids
3. Pineal Spicules
4. Tail

Testbook Solution Correct Option - 3

Que. 98 Age of fishes is:

1. Ordovician period
2. Proterozoic Era
3. Silurian period
4. Devonian period

Testbook Solution Correct Option - 4

Que. 99 Meiotic cell division takes place in

1. Root tip
2. Shoot tip
3. Floral bud
4. All of these

Testbook Solution Correct Option - 3

Que. 100 Primary consumers are

1. Green plants
2. Herbivores
3. Carnivores

4. All of these

Testbook Solution Correct Option - 2

Que. 101 When the filament of stamens are free and another lobes are united, then the condition is known as:

1. Adelphous
2. Diadelphous
3. Polyadelphous
4. Syngenesious

Testbook Solution Correct Option - 4

Que. 102 Acrosome is madeup of

1. Golgi bodies
2. Mitochondria
3. Ribosomes
4. Centrioles

Testbook Solution Correct Option - 1

Que. 103 Cyclops is the secondary host of

1. Hook-worm
2. Pin-worm
3. Giuinea-worm
4. Round-worm

Testbook Solution Correct Option - 3

Que. 104 Hormone which stimulates the secretion of pancreatic juce:

1. Enterogastrone
2. Secretin
3. Gastrin
4. Enterokinin

Testbook Solution Correct Option - 2

Que. 105 Rod shaped bacteria are called :

1. Cocci
2. Bacilli
3. Spirilla
4. Vibrio

Testbook Solution Correct Option - 2

Que. 106 Experiment to prove that synthesis of organic compound formed the basis of life was performed by:

1. Oparin
2. Huxley
3. Miller
4. Heldane

Testbook Solution Correct Option - 3

Que. 107 Ascanoid canal system found in

1. Grantia
2. Scypha
3. Leucosolenia
4. Spongilla

Testbook Solution Correct Option - 3

Que. 108 In lichen Soredium, Cephalodum and isidium are mode of:

1. Vegetative reproduction
2. Asexual reproduction
3. Sexual reproduction
4. None of these

Testbook Solution Correct Option - 2

Que. 109 Earthworm possesses hearts:

1. 6 pairs
2. 4 pairs
3. pairs
4. 1 pairs

Testbook Solution Correct Option - 2

Que. 110 "Neoteny" is found in

1. Tadpole
2. Salamander
3. Hyla
4. Axolotl

Testbook Solution Correct Option - 4

Que. 111 Young leaves are coiled in

1. Marsilea
2. Fern
3. Cycas
4. All of these

Testbook Solution Correct Option - 4

Que. 112 Free swimming ciliated larval stage of Liver fluke is:

1. redia
2. Miracidium
3. Metacercaria
4. cercaria

Testbook Solution Correct Option - 2

Que. 113 Basidio carp is the fruiting body of:

1. Rhizopus
2. Mucor
3. Albugo
4. Agaricus

Testbook Solution Correct Option - 4

Que. 114 Supreficial cleavage is the characteristic

1. Isolechithal eggs
2. Mesolecithal eggs
3. Macrolecithal eggs
4. Centrolecithal eggs

Testbook Solution Correct Option - 4

Que. 115 Nutrition in Amoeba is

1. Holophytic
2. Parasitic
3. Holozoic
4. Saprobiotic

Testbook Solution Correct Option - 3

Que. 116 Which one of the following is type of intercellular junction in animal cells

1. Middle lamella
2. Plasmodesmata
3. Desmosomes
4. Glycocalyx

Testbook Solution Correct Option - 3

Que. 117 Zonary placenta occurs in

1. Herbivorous mammals
2. Carnivorous
3. Both (1) and (2)
4. Birds

Testbook Solution Correct Option - 3

Que. 118 Two layered gastrula is found in

1. Amphioxus
2. Frogs
3. Birds
4. Rabbits

Testbook Solution Correct Option - 1

Que. 119 'Chilgoza' is obtained from:

1. Cycas revoluta

2. Cycas circinalis
3. pinus gerardiana
4. Pinus roxburghii

Testbook Solution Correct Option - 3

Que. 120 In meiotic division, pairing of homologous chromosomes take place at:

1. Leptotene stage
2. Zygotene stage
3. Pachytene stage
4. Diplotene stage

Testbook Solution Correct Option - 2

Que. 121 Hormone secreting structure produced after ovulation is

1. Corpus albicans
2. Corpus spongiosum
3. Corpus callosum
4. Corpus luteum

Testbook Solution Correct Option - 4

Que. 122 Robert brown is known for his discovery of

1. Chloroplast
2. Nucleus
3. Mitochondria
4. Golgi Complex

Testbook Solution Correct Option - 2

Que. 123 Which one of these plants can absorb atmospheric water :

1. Lemon
2. Mango
3. Neem
4. Orchid

Testbook Solution Correct Option - 4

Que. 124 Parental care by male of found in

1. Hippocampus fish
2. Labeo fish
3. Anabas fish
4. Scoliodon fish

Testbook Solution Correct Option - 1

Que. 125 'Diabetes insipidus' is due to the deficiency of hormone

1. Adrenaline
2. Insulin
3. Vasopressin

