

PROVISIONAL ANSWER KEY

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Question1:-Venous heart is the characteristic feature of

- A:-Sphenodon
- B:-Salamander
- C:-Mullet
- D:-Pigeon

Correct Answer:- Option-C

Question2:-Choose the organisms showing 'neoteny'

- A:-Oikopleura, Ambystoma
- B:-Doliolum, Uraeotyphlus
- C:-Ascidia, Latimeria
- D:-Necturus, Myxine

Correct Answer:- Option-A

Question3:-'Ammocoetes' is the larva of

- A:-Protopterus
- B:-Petromyzon
- C:-Chimaera
- D:-Latimeria

Correct Answer:- Option-B

Question4:-The left-handed, Zig-Zag double helix DNA, with only minor grooves is

- A:-B-DNA
- B:-A-DNA
- C:-Z-DNA
- D:-Both A-DNA and B-DNA

Correct Answer:- Option-C

Question5:-'Hybridoma' is a hybrid cell produced by the fusion of _____ and _____.

- A:-T-lymphocyte and Macrophage
- B:-B-lymphocyte and Myeloma cell
- C:-Neutrophil and Tumour Cell
- D:-Cytotoxic T-cell and Myeloma cell

Correct Answer:- Option-B

Question6:-'Bovine spongiform encephalopathy' is caused by

- A:-Rickettsia
- B:-Mycoplasma
- C:-Prions
- D:-Retrovirus

Correct Answer:- Option-C

Question7:-Name the micro-organism used in the bioremediation of oil-spill.

- A:-Pseudomonas putida
- B:-Bordetella pertussis
- C:-Vibrio parahaemolyticus
- D:-Streptococcus pyogenes

Correct Answer:- Option-A

Question8:-Which among the following is an attenuated vaccine ?

- A:-Pertusis vaccine
 - B:-Salk polio vaccine
 - C:-Tetanus toxoid vaccine
 - D:-Measles vaccine
- Correct Answer:- Option-D

Question9:-Cephalosporin controls bacterial growth by inhibiting _____ synthesis.

- A:-DNA
 - B:-Cell wall
 - C:-Plasma membrane
 - D:-Capsule
- Correct Answer:- Option-B

Question10:-Name the antibody which can pass through the placenta.

- A:-IgA
 - B:-IgG
 - C:-IgD
 - D:-IgE
- Correct Answer:- Option-B

Question11:-Which among the following is NOT a transfection method ?

- A:-Lipofection
 - B:-Shotgun method
 - C:-Colony hybridization
 - D:-Shotgun method
- Correct Answer:- Option-C

Question12:-Degeneration of genetic code is attributed to the

- A:-First member of codon
 - B:-Second member of codon
 - C:-Entire codon
 - D:-Third member of codon
- Correct Answer:- Option-D

Question13:-In split genes, the coding sequences are called

- A:-Introns
 - B:-Operons
 - C:-Exons
 - D:-Cistrons
- Correct Answer:- Option-C

Question14:-Genes which confer antibiotic resistance on bacteria are located on

- A:-Chromosomal DNA
 - B:-Plasmid
 - C:-RNA
 - D:-Polysome
- Correct Answer:- Option-B

Question15:-Which among the following is NOT a fibrillar protein ?

- A:-Elastin
 - B:-Collagen
 - C:-Myosin
 - D:-Albumin
- Correct Answer:- Option-D

Question16:-Albinism is a congenital human disorder resulting from the lack of the enzyme

- A:-Catalase

- B:-Fructokinase
- C:-Tyrosinase
- D:-Xanthine oxidase

Correct Answer:- Option-C

Question17:-The starting t-RNA of prokaryotes is loaded with

- A:-Valine
- B:-Methionine
- C:-Formylated Methionine
- D:-Tryptophan

Correct Answer:- Option-C

Question18:-"Gene-battery model" of gene regulation in eukaryotes is proposed by

- A:-Jacob and Monod
- B:-Britten and Davidson
- C:-Beadle and Tatum
- D:-Kornberg and Ochoa

Correct Answer:- Option-B

Question19:-The enzyme that removes the RNA-primer after DNA replication is

- A:-DNA polymerase-I
- B:-DNA polymerase-II
- C:-Ligase
- D:-Gyrase

Correct Answer:- Option-A

Question20:-DNA replication occurs in

- A:- G_1 phase
- B:- G_2 phase
- C:-S-phase
- D:-Interphase

Correct Answer:- Option-C

Question21:-A nucleosome is made of

- A:-DNA
- B:-Histone
- C:-Histone wrapped over octameric core of nucleic acid
- D:-DNA wrapped over octameric core of histone

Correct Answer:- Option-D

Question22:-Which among the following is NOT a continental Island ?

- A:-New Guinea
- B:-Mauritius
- C:-Madagascar
- D:-Tasmania

Correct Answer:- Option-B

Question23:-The active secretion of some substances from blood to urinary tubule is known as

- A:-Urine concentration
- B:-Tubular re-absorption
- C:-Ultrafiltration
- D:-Augmentation

Correct Answer:- Option-D

Question24:-The light and dark bands (stripes) of muscle fibres are called _____ and _____ respectively.

- A:-Anisotropic bands and Isotropic bands
- B:-Isotropic bands and Anisotropic bands

C:-Hensen's band and M-band

D:-Hensen's band and Z-band

Correct Answer:- Option-B

Question25:-The jumping of nerve impulses from one node to the next in medullated nerve fibre is called

A:-Synaptic transmission

B:-Inhibitory transmission

C:-Saltatory transmission

D:-Synaptic delay

Correct Answer:- Option-C

Question26:-Which among the following is NOT a hypothalamic hormone ?

A:-Oxytocin

B:-ACTH

C:-Vasopressin

D:-TTRH

Correct Answer:- Option-B

Question27:-The hormones secreted by thymus gland

A:-Thymosin and Thymopoietin

B:-Thymin-I and Thymin-II

C:-HTH and THF

D:-All the above

Correct Answer:- Option-D

Question28:-Crossing-over and genetic recombination between adjoining non-sister chromatids occur during

A:-Pachytene stage of first meiotic prophase

B:-Zygotene stage of first meiotic prophase

C:-Leptotene stage of first meiotic prophase

D:-Diplotene stage of first meiotic prophase

Correct Answer:- Option-A

Question29:-Edward's syndrome is the result of

A:-Trisomy-13

B:-Trisomy-18

C:-Trisomy-21

D:-Deletion of 4th or 5th chromosome

Correct Answer:- Option-B

Question30:-The RNAs present in 80S Eukaryotes chromosomes

A:-23S rRNA, 5S rRNA and 16S rRNA

B:-28S rRNA, 5S rRNA, 5.8S rRNA and 18S rRNA

C:-28S rRNA, 5S rRNA and 16S rRNA

D:-23S rRNA, 5S rRNA and 18S rRNA

Correct Answer:- Option-B

Question31:-Which among the following is known as "Portuguese -man-of war" ?

A:-Halimtemma

B:-Physalia

C:-Velella

D:-Aurelia

Correct Answer:- Option-B

Question32:-Phylum 'ctenophora' is known as

A:-Comb-jellies

B:-Barrel-Jelly fish

C:-Moon-Jelly

D:-Swimming Bells

Correct Answer:- Option-A

Question33:-'Widal test' is used for the diagnosis of

A:-Tuberculosis

B:-Typhoid fever

C:-AIDS

D:-Swine flue

Correct Answer:- Option-B

Question34:-"Itai-Itai disease" is caused by

A:-Mercury poisoning

B:-Arsenic poisoning

C:-Cadmium poisoning

D:-Lead poisoning

Correct Answer:- Option-C

Question35:-The formation of new species from ancestral species as a result of the geographical isolation of fragmentation of the breeding population is called

A:-Peripatric speciation

B:-Sympatric speciation

C:-Artificial speciation

D:-Allopatric speciation

Correct Answer:- Option-D

Question36:-The selfless behaviour of an animal for the benefit of its conspecific kins is known as

A:-Promiscuity

B:-Altruism

C:-Co-operation

D:-Cohesion

Correct Answer:- Option-B

Question37:-Name two 'Ramsar Sites' in Kerala.

A:-Vembanad lake and Ashtamudi lake

B:-Vembanad lake and Sasthamkotta lake

C:-Thattekkadu and Kumarakom bird Sanctuaries

D:-Kadalundi community reserve and Mangalavanam

Correct Answer:- Option-A

Question38:-The type of isomerism shown by Fumaric acid and Maleic acid are

A:-Geometrical isomerism with maleic acid (trans-form) and Fumaric acid (cis-form)

B:-Geometrical isomerism with maleic acid (cis form) and Fumaric acid (trans-form)

C:-Optical isomerism with maleic acid (L-form) and Fumaric acid (D-form)

D:-Optical isomerism with maleic acid (D-form) and Fumaric acid (L-form)

Correct Answer:- Option-A

Question39:-The protein structure involving the interaction, orientation and organization of two or more polypeptide chains to form a functional proteins

A:-Primary structure

B:-Secondary structure

C:-Tertiary structure

D:-Quaternary structure

Correct Answer:- Option-D

Question40:-The chemoreceptor found in gastropod molluscus is

A:-Crystalline style

B:-Radula

C:-Osphradium

D:-Ctenidium

Correct Answer:- Option-C

Question41:-The scientific method in which final conclusions and generalisations are drawn from specific observations and analysis of known facts

- A:-Inductive method
- B:-Serendipity
- C:-Deductive method
- D:-Constructive method

Correct Answer:- Option-A

Question42:-Which among the following is a neutral stain ?

- A:-Janus Green
- B:-Methyl Green
- C:-Borax Carmine
- D:-Leishman's stain

Correct Answer:- Option-D

Question43:-According to the Patent Act 1970 (Amended in 2005), the term of every patent granted in India is

- A:-15 years from the date of filing
- B:-10 years from the date of filing
- C:-50 years from the date of filing
- D:-20 years from the date of filing

Correct Answer:- Option-D

Question44:-Choose the 'Nucleotide Sequence' databases.

- A:-EMBL, GenBank, NCBI
- B:-DDBJ, NCBI, PDB
- C:-Swiss Prot, EMBL, PDB
- D:-NCBI, MIPS, PIR

Correct Answer:- Option-A

Question45:-The Nobel Prize 2020 winners for Chemistry

- A:-Louise Gluck, Roger Penrose
- B:-Paul R. Milgrom and Robert B. Wilson
- C:-Emmanuelle Charpentier and Jennifer A. Doudna
- D:-Reinhard Genzel and Andrea Ghez

Correct Answer:- Option-C

Question46:-Write the scientific name of the fish known as "Miss Kerala".

- A:-Sahyadria denisonii
- B:-Labeo rohita
- C:-Poecilia reticulata
- D:-Danio rerio

Correct Answer:- Option-A

Question47:-Name the technique for determining the sequence specificity of DNA-binding proteins.

- A:-DNA finger printing
- B:-DOT blotting
- C:-Northern blotting
- D:-DNA foot printing

Correct Answer:- Option-D

Question48:-The group of genes that specify regions of the body plan of an embryo along the head-tail axis of animals.

- A:-TATA box
- B:-Hox genes
- C:-Pribnow box
- D:-GC box

Correct Answer:- Option-B

Question49:-Which among the following is a pest of paddy ?

- A:-Cosmopolites sordidus

B:-Rhynchophorus ferrugineus

C:-Diciadispa armigera

D:-Opisina arenosella

Correct Answer:- Option-C

Question50:-In industrial fermentation, secondary metabolites are produced in _____ stage of microbial growth.

A:-Idiophase

B:-Trophophase

C:-Lag phase

D:-Prophase

Correct Answer:- Option-A

Question51:-A mixture of DNA lysate has been analysed for nucleotides. It has been found that the Percentage of Guanine in that mixture was 18%, what will be the percentage of Thymine in that mixture by considering Chargaff rules ?

A:-18%

B:-9%

C:-32%

D:-30%

Correct Answer:- Option-C

Question52:-The C_3 cycle has been often called an evolutionary flaw. What may be Plant Physiology basics the reason for saying so ?

- I. The rubisco enzyme that carries out C_3 cycle is equal affinity to Oxygen
- II. The flaws in C_3 cycle leads to Photorespiration which is less energy efficient
- III. The statement is incorrect, C_3 cycle has no flaw

Choose the correct statements

A:-I

B:-II

C:-I and II

D:-III

Correct Answer:- Option-C

Question53:-Phylogenetic trees constructed from a Gene locus "A" have resulted in 4 different tree topologies.

- I. Tree 1 with 5 changes
- II. Tree 2 with 4 changes
- III. Tree 3 with 6 changes
- IV. Tree 4 with 7 changes

You are directed to select the tree having maximum parsimony. Which of the following statements is correct ?

A:-All trees are equally acceptable hypothesis of evolution and tree 2 is the one with maximum parsimony

B:-All trees are equally acceptable hypothesis of evolution and tree 4 is the one with maximum parsimony

C:-Only tree 4 with maximum changes are accepted and is having maximum parsimony

D:-None of these trees can be accepted as hypothesis and tree 4 is having maximum parsimony

Correct Answer:- Option-A

Question54:-Which of these enzymes can be found associated with pyrenoids ?

- I. Alpha Amylase
- II. Rubisco
- III. PEP
- IV. Citric acid synthase

A:-I

B:-II

C:-I and II

D:-All of these

Correct Answer:- Option-B

Question55:-Wood Wide Web is a term used to denote

A:-Mycorrhiza

B:-Cuscuta

C:-Climbers and Lianas

D:-None of these

Correct Answer:- Option-A

Question56:-Pichia kudriavzevii is the teleomorph of the Candida Krusei, which of the following statements are true ?

- I. Pichia Kudriavzevii and Candida Krusei are same organism and teleomorph is the sexual stage of an organism
- II. Pichia Kudriavzevii and Candida Krusei are different organisms, teleomorph is different organism showing same morphology
- III. Pichia Kudriavzevii and Candida Krusei are related organisms, teleomorph is different organism showing same physiology

A:-III

B:-II

C:-I

D:-None of these

Correct Answer:- Option-C

Question57:-Root wilt is a serious disease causing havoc in Kerala coconut plantations.

A:-The disease is caused by Plant hopper and lacewing bug

B:-The disease is caused by Phytoplasma, Plant hopper and lacewing bug spreads the disease

C:-The disease is caused by Phytoplasma Plant hopper spreads the disease

D:-The disease is caused by Phytoplasma and spread by wind

Correct Answer:- Option-B

Question58:-Which of this is a recently (in 2019) reported bryophyte from Kerala ?

A:-Cololejeunea manilalia

B:-Marchantia polymorpha

C:-Riccia nilagirica

D:-Riccia sahyadrica

Correct Answer:- Option-D

Question59:-Which among the following is Not a class in the recent classification of Pteridophytes by Smith ?

A:-Equisetopsida

B:-Psilotopsida

C:-Marattiopsida

D:-Sphaenopsida

Correct Answer:- Option-D

Question60:-Archaeosperma arnoldii is a remarkable fossil found from the famennian of Pennsylvania, USA. What makes this fossil remarkable ?

I. It is the 1st record of angiosperm fossil

II. It is the earliest ovuliferous structure due to the presence of cupules

III. It is indication of early seed habit due to the presence of Endosperm

Which of these statements are true ?

A:-I

B:-I and II

C:-II

D:-I, II and III

Correct Answer:- Option-C

Question61:-Which of these plants yield an anticancer drug ?

A:-Thuja plicata

B:-Podocarpus wallichianus

C:-Taxus brevifolia

D:-Juniperus bermudiana

Correct Answer:- Option-C

Question62:-Which of the following statements are true about R-Plasmids ?

I. It is extrachromosomal genetic material

II. It have genes encoding bacterial toxins

III. It is circular and confer resistance to antibiotics

IV. It can spread fast in bacterial populations

A:-I and II

B:-I and III

C:-II and III

D:-I, III and IV

Correct Answer:- Option-D

Question63:-The 6th Mass extinction is called as

A:-Holocene extinction

B:-Devonian extinction

C:-Cretaceous-tertiary extinction

D:-Devonian extinction

Correct Answer:- Option-A

Question64:-Consider the following type of secondary thickening in Xylem

- I. Annular
- II. Pitted
- III. Helical
- IV. Reticulate

Which is the correct order of progression ?

A:-I, II, III and IV

B:-II, I, IV and III

C:-I, III, IV and II

D:-IV, I, III and II

Correct Answer:- Option-C

Question65:-P-Protein can be seen in

A:-Phloem Parenchyma

B:-Xylem Parenchyma

C:-Sieve tube elements

D:-Companion cells

Correct Answer:- Option-C

Question66:-Replacing the dehydrating agent in sections with a solvent of paraffin is called clearing because

A:-It clears alcohol from the sections

B:-It makes the material brittle

C:-Most clearing agents makes the sections more translucent

D:-None of these

Correct Answer:- Option-C

Question67:-The endometaphase can be seen in

A:-Abnormal Mitosis in Tapetum

B:-Metaphase without wall formation in Endosperm haustorium

C:-Abnormal Metaphase in Endothecium

D:-Abnormal Metaphase in Endosperm

Correct Answer:- Option-A

Question68:-The speciation event due to founder effect in small populations is known by

A:-Allopatric

B:-Sympatric

C:-Parapatric

D:-Peripatric

Correct Answer:- Option-D

Question69:-The primitive condition of apocarpy NOT seen in

A:-Magnoliaceae

B:-Ranunculaceae

C:-Capparidaceae

D:-All of these

Correct Answer:- Option-C

Question70:-Which among the following is an Eponym ?

A:-Oryza malampuzhensis

B:-Rotala vasudevanii

C:-Alternanthera sessilis

D:-Narcissus pseudonarcissus

Correct Answer:- Option-B

Question71:-Which among the following trait can be considered as a synapomorphy for eudicots ?

A:-Two Cotyledons

B:-Tricolpate Pollen

C:-Reticulate Venation

D:-Vascular Bundles arranged in a ring

Correct Answer:- Option-B

Question72:-Which of these plants NOT belonging to the family Amaranthaceae (APG) ?

A:-Achyranthes

B:-Brachylepis

C:-Gomphrena

D:-Cerastium

Correct Answer:- Option-D

Question73:-In the families listed below 2 are closely related by phylogenetic terms.

I. Caryophyllaceae

II. Malvaceae

III. Capparidaceae

IV. Amaranthaceae

Which are they ?

A:-II and III

B:-III and IV

C:-IV and I

D:-I and III

Correct Answer:- Option-C

Question74:-Which is NOT an accepted Acronym ?

A:-K

B:-MH

C:-TBGT

D:-MOU

Correct Answer:- Option-D

Question75:-Which is an evidence for the concept of flower as a modified shoot ?

I.Reduction in Stamens with an increase in number of petals in cultivated roses

II. Gynandrophore of Gynandropsis

III. Foliar open carpels of Fabaceae

IV. Syconium of Ficus

A:-I and II

B:-I and IV

C:-I, II and III

D:-All of these

Correct Answer:- Option-C

Question76:-The plant Agave sisalana has been cultivated and harvested for

A:-Sisal Fiber

B:-Sisal Liquer

C:-Sisal Wood

D:-Sisal Flower

Correct Answer:- Option-A

Question77:-The haploid chromosome number of Rice is

A:-10

B:-11

C:-12

D:-13

Correct Answer:- Option-C

Question78:-The TBGRI model of benefit sharing has been associated with which of the following ?

I. Kani Tribes

II. Trichopus zeylanicus

III. Forest Development

IV. Ethnomedicine

A:-I and II

B:-I and III

C:-II, III and IV

D:-I, II and IV

Correct Answer:- Option-D

Question79:-The endemic plant that has been rediscovered after a period of 135 years from a sacred grove of Kerala

A:-Madhuca diplostemon

B:-Madhuca latifolia

C:-Madhuca longifolia

D:-Madhuca bourdillonii

Correct Answer:- Option-A

Question80:-Find the Minor Forest Products (NWFP) from the list

I. Acacia torta

II. Adenanthera pavonina

III. Caesalpinia bonduc

IV. Aegle marmelos

A:-I and III

B:-I, II and III

C:-I and IV

D:-I, II, III and IV

Correct Answer:- Option-D

Question81:-An international agreement that aimed to manage and reduce carbon dioxide emissions and greenhouse gases is

A:-Rio Summit

B:-Kyoto Protocol

C:-Montreal Protocol

D:-Stockholm Convention

Correct Answer:- Option-B

Question82:-The objectives of carbon farming are

I. Lock carbon from atmosphere through farming

II.Reduce reliance on chemical fertilizers through carbon rich organic fertilisers

III. Increase the crop yield and food security

IV. Increase the farming of seaweeds

A:-I and II

B:-II and III

C:-I and III

D:-I only

Correct Answer:- Option-D

Question83:-The fossil plant _____ can be seen in all continents and land masses that was part of the ancient Gondwana land which is regarded as a proof for plate tectonics.

A:-Blanziopteris

B:-Glossopteris

C:-Barthelopteris

D:-Calamites

Correct Answer:- Option-B

Question84:-From the conditions listed below those that contributes to high risk of species extinction are

I. Long Life Span

II. Low Dispersal Ability

III. High Degree of Specialization

IV. Low Reproductive Ability

A:-I, II and III

B:-II, III and IV

C:-III, IV and I

D:-All of these

Correct Answer:- Option-B

Question85:-An amino acid with a non polar side chain is

A:-Asparagine

B:-Alanine

C:-Glutamine

D:-Serine

Correct Answer:- Option-B

Question86:-You are tasked with cloning of a plant gene in bacterial systems and later its expression in cultured cells. Which type of vector you should select for easy cloning and expression ?

A:-Phage Vector

B:-Cosmid Vector

C:-Shuttle Vector

D:-YAC

Correct Answer:- Option-C

Question87:-The 70S ribosomes that can be seen in Chloroplast and Mitochondria is

I. An evidence for Endosymbiont Hypothesis on origin of Eukaryotes

II. Prokaryotic ancestor of Chloroplast and Mitochondria

III. Less efficient in translation comparing to 80S ribosomes in the cytoplasm

A:-I and III

B:-II and III

C:-I and II

D:-I, II and III

Correct Answer:- Option-C

Question88:-Arrange the following algae based on its evolutionary advancement of thallus

I. Volvox

II. Ulothrix

III. Chlamydomonas

IV. Ulva

V. Chara

A:-I, II, IV, III, V

B:-III, I, II, IV, V

C:-IV, III, I, V, II

D:-III, II, I, IV, V

Correct Answer:- Option-B

Question89:-What properties of RNA support the hypothesis that it was the first self-replicating molecule in early evolution ?

I. It can transfer amino acids for protein synthesis

II. It can store and pass information

III. It can catalyse its own synthesis

IV. It can form 3D structures

V. It has catalytic activity

A:-I, III and V

B:-II, III and IV

C:-I, II and III

D:-II, III and V

Correct Answer:- Option-D

Question90:-The small polar molecules, ions and macromolecules (proteins and RNAs) can travel between the nucleus and the cytoplasm through

A:-Membrane Channels

B:-Inter membrane transporters

C:-Transporters like Kinesin

D:-Nuclear pore complexes

Correct Answer:- Option-D

Question91:-One among the following technique is a Taxon specific technique that can assist in identification of Taxon like species

A:-RAPD

B:-RFLP

C:-DNA Barcoding

D:-DNA Fingerprinting

Correct Answer:- Option-C

Question92:-You are entrusted to analyse leaf sample for the presence of a protein followed by its structure determination. Which are the techniques you can use for these experiments ?

I. Western Blotting

II. 2D PAGE

III. MALDI TOF MS

IV. X-Ray Crystallography

A:-I, II and III

B:-II, III and IV

C:-I, III and IV

D:-All of these

Correct Answer:- Option-D

Question93:-Which of the following crops are sterile due to triploid chromosome number ?

- I. Banana
- II. Citrus
- III. Watermelon
- IV. Grapes

A:-I and II

B:-I and III

C:-II and IV

D:-III and IV

Correct Answer:- Option-B

Question94:-Plants have evolved to overcome the affinity of Rubisco to Oxygen by spatial and time separation of carbon dioxide fixation from the vicinity of atmosphere having oxygen and carbon dioxide

A:-C2 cycle is separation in space and CAM in time respectively

B:-CAM is separation in space and C4 cycle in time respectively

C:-C4 cycle is separation in space and CAM in time respectively

D:-C4 cycle is separation in space and C2 in time respectively

Correct Answer:- Option-C

Question95:-A solution of pH 4 has been diluted by adding 40 ml of double distilled water to 10 ml of the solution. What will be the pH of the diluted solution ?

A:-4.5

B:-5.0

C:-3.5

D:-4.0

Correct Answer:- Option-A

Question96:-The lab you are working is entrusting you to find out the molecular weight of a recently purified protein. Which of the following techniques available in the laboratory that you will be using for this task ?

A:-Density Gradient Centrifugation

B:-ELISA

C:-PAGE

D:-Isoelectric Focusing

Correct Answer:- Option-A

Question97:-Name the software package that can be used to phylogenetic analysis of plants

- I. NTSYS
- II. Mesquite
- III. Darwin
- IV. Phylip

A:-I, II and III

B:-II, III and IV

C:-I, III and IV

D:-All of these

Correct Answer:- Option-D

Question98:-CRISPR CAS 9, which won 2020 Nobel Prize is a

A:-Gene Editing Technique

B:-Gene Therapy

C:-Gene Transfer Tool

D:-RNA Interference Tool

Correct Answer:- Option-A

Question99:-An algae that is commonly used for the production of single cell protein is

A:-Arthrospira

B:-Spirogyra

C:-Nostoc

D:-Anabaena

Correct Answer:- Option-A

Question100:-The lichen group that forms the primary coloniser of a barren rock surface is

A:-Crustose

B:-Fruticose

C:-Foliose

D:-Byssoid

Correct Answer:- Option-A