

## PROVISIONAL ANSWER KEY

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Question1:-The below given definition by Davis and Heywood (1963) "*Assemblage of individuals with morphological features in common and separable from other such assemblages by correlated morphological discontinuities in a number of features*" is pointing best to \_\_\_\_\_.

A:-Sympatric speciation

B:-Numerical taxonomy

C:-Morphological species

D:-Punctuated equilibrium

Correct Answer:- Option-C

Question2:-Choose the correct sequence of eras from the below given sets

A:-Paleozoic-Mesozoic-Proterozoic-Archeozoic

B:-Archeozoic-Proterozoic-Paleozoic-Mesozoic

C:-Proterozoic-Paleozoic-Archeozoic-Mesozoic

D:-Paleozoic-Proterozoic-Mesozoic-Archeozoic

Correct Answer:- Option-B

Question3:-What is considered as raw materials for evolution?

A:-Gene flow

B:-Gene frequencies

C:-Meiosis

D:-Mutations

Correct Answer:- Option-D

Question4:-Choose the correct statement from the below given 4 statements

A:-Cladogenesis is also known as phylogenetic branching

B:-Cladogenesis is resulted from convergent evolution

C:-Evolution of more than one species from a common ancestor result in analogous organs

D:-A similar feature arose independently in different species whose ancestral lineages had been separated for a considerable time is called monophyly

Correct Answer:- Option-A

Question5:-Choose the correct statements from the below given statements

A:-Maximum Likelihood estimation is a statistical method based on probability distribution and is developed by Ronald A. Fisher

B:-Maximum Likelihood estimation is choosing a phylogenetic tree that minimizes the number of changes necessary to explain its evolutionary history and is developed by Felsenstein

C:-Maximum Likelihood is the only criteria for choosing the best phylogenetic tree that requires the smallest number of changes to account for the sequence variation and is developed by Fitch

D:-All the above statements are correct

Correct Answer:- Option-A

Question6:-Ellis-van Creveld Syndrome (EVC) which is also known as Chondro-ectodermal dysplasia is most commonly observed in populations with \_\_\_\_\_.

A:-Green House Effect

B:-Butterfly Effect

C:-Bohr Effect

D:-Founder Effect

Correct Answer:- Option-D

Question7:-Choose the correct statement that describes the term Syntype

A:-A syntype is a specimen of a type series differing by only one character

B:-Syntypes are specimens of a type series that collectively constitute the name-bearing type

C:-A Syntype is the single specimen upon which a new nominal species-group taxon is based in the original publication

D:-All the above statements are correct

Correct Answer:- Option-B

Question8:-Choose the name of the scientist mostly associated with the concept of Punctuated Equilibrium

A:-Aldous Huxley

B:-J.B. Lamarck

C:-Hugo de Vries

D:-Stephen Jay Gould

Correct Answer:- Option-D

Question9:-In which mammalian order are the cetaceans included?

A:-Artiodactyla

B:-Carnivora

C:-Didelphimorphia

D:-Perissodactyla

Correct Answer:- Option-A

Question10:-The region of mitochondrial DNA of vertebrates that is principally used to identify vertebrate species is one among the four options given below - Choose the correct one:

A:-Cytochrome B (Cyt B)

B:-Cytochrome C Oxidase subunit I gene (COI)

C:-16S rRNA gene

D:-12S rRNA gene

Correct Answer:- Option-B

Question11:-Hyperpolarization in a neuron occurs as a result of

- A:-Delay in opening of sodium channels
- B:-Delay in closing of potassium channels
- C:-Delay in opening of potassium channels
- D:-Closing of sodium channels

Correct Answer:- Option-B

Question12:-Which one of the following statements is not true about the digestive process?

- A:-Cholecystokinin stimulates the release of bile into the duodenum
- B:-Crypts of Lieberkühn are located at the bases of villi
- C:-Chief cells of gastric glands secrete gastrin
- D:-Enterokinase does not digest any nutrients

Correct Answer:- Option-C

Question13:-The pacemaker potential of the S.A. node results from

- A:-Slow inflow of potassium ions
- B:-Slow inflow of sodium ions
- C:-Slow inflow of calcium ions
- D:-Slow inflow of sodium and potassium ions

Correct Answer:- Option-B

Question14:-Which metabolic reaction occurs in the mitochondrial matrix?

- A:-Glycolysis
- B:-Citric acid cycle
- C:-Chemiosmosis
- D:-Anaerobic fermentation

Correct Answer:- Option-B

Question15:-Renin is secreted by

A:-Juxtaglomerular cells

B:-Macula densa cells

C:-Cells of the proximal convoluted tubule

D:-Mesangial cells

Correct Answer:- Option-A

Question16:-Which of the following is an action of Insulin?

A:-Enhances lipolysis

B:-Promotes the uptake of glucose from the blood into cells

C:-Decreases glycogen formation

D:-Increases gluconeogenesis

Correct Answer:- Option-B

Question17:-During muscle contraction, ATP binds to

A:-Tropomyosin

B:-Troponin

C:-Actin

D:-Myosin

Correct Answer:- Option-D

Question18:-Which of the following statements is **not** true about enzyme activity?

A:-In reversible competitive enzyme inhibition,  $V_{max}$  remains the same and  $K_m$  value increases

B:- $K_m$  is the substrate concentration at which the reaction velocity is half-maximal

C:-Enzyme activity may be controlled by allosteric effects

D:-Isozymes catalyse different reactions, but have the same kinetic properties

Correct Answer:- Option-D

Question19:-The primary rate-limiting enzyme in glycolysis is

A:-Hexokinase

B:-Pyruvate kinase

C:-Phosphofruktokinase

D:-Aldolase

Correct Answer:- Option-C

Question20:-Which one of the following statements is true about carbohydrates?

A:-Lactose is a polysaccharide composed of fructose and glucose

B:-Sucrose is a disaccharide composed of glucose and galactose

C:-Chitin is a homopolymer of N-acetylglucosamine

D:-Cellulose is composed of amylose and amylopectin

Correct Answer:- Option-C

Question21:-Which of the following is true about Gram-negative bacteria?

A:-Thick peptidoglycan layer

B:-Stains purple in Gram staining

C:-Contains an outer membrane with lipopolysaccharides

D:-Lack a cell wall

Correct Answer:- Option-C

Question22:-Which of the following is NOT a secondary lymphoid organ?

A:-Bone marrow

B:-Spleen

C:-Lymph nodes

D:-Tonsils

Correct Answer:- Option-A

Question23:-Which immunoglobulin class is involved in allergic reactions?

A:-IgG

B:-IgE

C:-IgM

D:-IgA

Correct Answer:- Option-B

Question24:-Which MHC class molecule primarily presents endogenous antigens to cytotoxic T cells?

A:-MHC Class I

B:-MHC Class II

C:-MHC Class III

D:-MHC Class IV

Correct Answer:- Option-A

Question25:-The classical pathway of complement activation is triggered by

A:-Spontaneous activation on microbial surfaces

B:-Binding of C3b to pathogen surface

C:-Antigen-antibody complexes

D:-Activation of macrophages

Correct Answer:- Option-C

Question26:-Autoimmune diseases result from

A:-Overproduction of antibodies against pathogens

B:-Failure to recognize self-antigens leading to immune attack on own tissues

C:-Lack of lymphoid organs

D:-Deficiency of immunoglobulins

Correct Answer:- Option-B

Question27:-Which of the following best describes the role of adjuvants in vaccines?

A:-Directly kill pathogens

B:-Enhance immune response to an antigen

C:-Act as antigens themselves

D:-Suppress immune reaction to prevent allergies

Correct Answer:- Option-B

Question28:-A small molecule that cannot induce an immune response on its own but becomes immunogenic when attached to a carrier protein is called

A:-Adjuvant

B:-Epitope

C:-Hapten

D:-Antigen

Correct Answer:- Option-C

Question29:-What is the specific function of Iodine in the Gram staining procedure?

A:-Primary stain

B:-Decolourizer

C:-Counterstain

D:-Mordant

Correct Answer:- Option-D

Question30:-Secreted IgM exists in the blood as a

A:-Monomer

B:-Dimer

C:-Trimer

D:-Pentamer

Correct Answer:- Option-D

Question31:-The Sodium-Potassium pump:

- i. Moves 3 Na<sup>+</sup> out and 2 K<sup>+</sup> into the cell
- ii. Generates a net outward positive current
- iii. Moves 2 Na<sup>+</sup> out and 3 K<sup>+</sup> into the cell
- iv. Moves 3 Na<sup>+</sup> out and 1 K<sup>+</sup> into the cell

A:-i and ii

B:-ii and iii

C:-i and iii

D:-iv and ii

Correct Answer:- Option-A

Question32:-Which experimental observation provided the strongest evidence against the Davson-Danielli model?

A:-Fluorescent Antigen Tagging and Cell Fusion

B:-Biochemical Analysis of Phospholipids

C:-Freeze-fracture electron microscopy

D:-Sandwich analysis

Correct Answer:- Option-C

Question33:-Which of the following statements about rRNA is True?

- i. rRNA is the most abundant type of RNA
- ii. rRNA is only found in the nucleus
- iii. rRNA has no catalytic function
- iv. rRNA is synthesized in the nucleolus

A:-i and ii

B:-i and iv

C:-iii and ii

D:-ii and iv

Correct Answer:- Option-B

Question34:-Order the stages of cellular respiration from start to finish?

A:-Glycolysis → Pyruvate oxidation → Krebs cycle → Electron transport chain

B:-Glycolysis → Chemiosmosis → Krebs cycle → Electron transport chain

C:-Glycolysis → Krebs cycle → Electron transport chain → Pyruvate oxidation

D:-Glycolysis → Citric acid cycle → Krebs cycle → Electron transport chain

Correct Answer:- Option-A

Question35:-Which of the following statements best explain the Pribnow box?

- i. Conserved at the – 10 position in bacterial promoters
- ii. It is a sequence of TATATAAT of eight nucleotides
- iii. Sequence is recognized by the sigma ( $\sigma$ ) factor
- iv. Sequence is recognized by DNA polymerase

A:-i, iii and iv

B:-i and iii

C:-ii and iv

D:-i, ii and iii

Correct Answer:- Option-B

Question36:-Approximately what percentage of the human genome is made up of LINE-1 elements?

A:-12%

B:-15%

C:-17%

D:-25%

Correct Answer:- Option-C

Question37:-A humanized Hu-PBL mouse is created by injecting:

A:-Hematopoietic Peripheral blood lymphocytes

B:-Human Peripheral blood lymphocytes

C:-Human Peripheral blood leucocytes

D:-Hematopoietic Peripheral blood leucocytes

Correct Answer:- Option-B

Question38:-Yeast Artificial Chromosomes (YACs) contain which of the following essential elements that are NOT found in standard bacterial plasmids?

A:-Origin of replication, ARG, Multiple cloning site

B:-Origin of replication, Telomere and Centromere

C:-Telomere, ARS and Centromere

D:-ARG, Telomere and Centromere

Correct Answer:- Option-C

Question39:-S1 nuclease is used in molecular cloning to:

A:-Cut double-stranded DNA

B:-Remove single-stranded tails

C:-Join two DNA fragments

D:-Synthesize single stranded tails

Correct Answer:- Option-B

Question40:-How many pseudogenes are estimates to exist in the human genome?

A:-10,000 - 12,000

B:-5,000 - 8,000

C:-13,000 - 20,000

D:-20,000 - 100,000

Correct Answer:- Option-C

Question41:-Which of the following statements is incorrect?

A:-The number of Barr bodies in an individual with Turner syndrome is one

B:-Crossing over between two genes increases with the distance between them

C:-Sickle cell anemia is a single-gene disorder

D:-Down syndrome is a condition caused by an extra copy of chromosome 21

Correct Answer:- Option-A

Question42:-The sex chromosome complement of Klinefelter syndrome is

A:-XXY

B:-XO

C:-XYY

D:-XY

Correct Answer:- Option-A

Question43:-Which of the following matches are correct?

- i. Periblastula - Insects
- ii. Blastocyst - Mammals
- iii. Discoblastula - Amphioxus
- iv. Coeloblastula - Birds

A:-Only ii and iv correct

B:-Only i and ii correct

C:-Only iii and iv correct

D:-Only i and iv correct

Correct Answer:- Option-B

Question44:-Which of the following statements is incorrect?

A:-The genetic code is degenerate

B:-The genetic code is non-overlapping

C:-The genetic code is ambiguous

D:-The genetic code is universal

Correct Answer:- Option-C

Question45:-A key difference between B DNA and Z DNA is that

A:-B DNA has deoxyribose in its structure whereas Z DNA has ribose

B:-B DNA obeys Chargaff's whereas Z DNA does not

C:-B DNA is right-handed whereas Z DNA has left-handed

D:-B DNA uses thymine in its structure whereas Z DNA has uracil

Correct Answer:- Option-C

Question46:-Which of the following statements is incorrect?

A:-Fast block to polyspermy is caused by depolarization of the egg plasma membrane

B:-Slow block to polyspermy is caused by cortical reaction

C:-Acrosome helps in the penetration of sperm into the egg

D:-Cleavage causes an increase in size of the embryo

Correct Answer:- Option-D

Question47:-Which one of the following processes of gastrulation involves the "rolling in" of cells?

A:-Involution

B:-Invagination

C:-Infiltration

D:-Ingression

Correct Answer:- Option-A

Question48:-Androgen-binding protein is synthesized by

A:-Leydig cells in the testis

B:-Sertoli cells in the testis

C:-Interstitial cells in the testis

D:-Myoid cells in the testis

Correct Answer:- Option-B

Question49:-Pick out the wrong statement

A:-Mendel did not deal with linkage and incomplete dominance

B:-The inactivated X chromosome condenses into a Barr body

C:-All back crosses are test crosses

D:-The "law of segregation" is also known as the "law of purity of gametes"

Correct Answer:- Option-C

Question50:-Which of the following RNAs is involved in the splicing of eukaryotic pre-mRNA?

A:-Small Nuclear RNA

B:-Small Cytoplasmic RNA

C:-Micro RNA

D:-RNase P

Correct Answer:- Option-A

Question51:-In a variable environment, a species shows delayed reproduction but higher survival rates. In a stable environment, the same species reproduces early with lower survival. Which concept best explains this shift?

A:-Competitive exclusion

B:-Phenotypic plasticity in life-history strategies

C:-Genetic drift

D:-Neutral theory

Correct Answer:- Option-B

Question52:-In Atomic Absorption Spectroscopy (AAS), the role of the "Hollow Cathode Lamp" is to:

A:-Ionize the sample

B:-Act as a detector

C:-Provide a specific wavelength of light characteristic of the element being analyzed

D:-Heat the furnace. Provide a specific wavelength of light characteristic of the element

Correct Answer:- Option-C

Question53:-Back scattered electrons (BSE) in SEM are most useful for:

A:-Viewing internal organelles

B:-Determining the atomic number (Z) contrast of the sample surface

C:-Measuring the thickness of the sample

D:-Creating 3D holographic images

Correct Answer:- Option-B

Question54:-Which of the following is considered a Secondary Database, derived from the analysis of primary sequence data?

A:-GenBank

B:-DDBJ (DNA Data Bank of Japan)

C:-PROSITE

D:-ENA (European Nucleotide Archive)

Correct Answer:- Option-C

Question55:-What defines "Pluripotency" in stem cell research, distinguishing it from "Totipotency"?

A:-The ability to differentiate into only one cell type

B:-The ability to differentiate into all three germ layers but not extra-embryonic tissues like the placenta

C:-The ability to form a complete, functional organism

D:-The ability to remain in a quiescent state indefinitely

Correct Answer:- Option-B

Question56:-The Western Ghats are often referred to as a "Hottest Hotspot." Which endemic primate is a flagship species for the conservation of the silent valley tropical evergreen forests?

A:-Golden Langur

B:-Lion-tailed Macaque

C:-Nilgiri Langur

D:-Bonnet Macaque

Correct Answer:- Option-B

Question57:-A researcher finds a discrepancy in the carbon date of a marine shell compared to a terrestrial bone from the same archaeological layer. This is likely due to:

A:-The Suess Effect

B:-The Marine Reservoir Effect

C:-Solar Proton Events

D:-Post-depositional recrystallization

Correct Answer:- Option-B

Question58:-An "Ogive" is a graphical representation used to determine which of the following?

A:-The Mode of a distribution

B:-The Arithmetic Mean

C:-Percentiles and Medians from cumulative frequencies

D:-The Kurtosis of a distribution

Correct Answer:- Option-C

Question59:-Which measure of central tendency is considered the most "robust" estimator when a dataset contains extreme outliers or is highly contaminated?

A:-Arithmetic Mean

B:-Geometric Mean

C:-Median

D:-Harmonic Mean

Correct Answer:- Option-C

Question60:-Which of the following best distinguishes "Operant Conditioning" from "Classical Conditioning"?

A:-Operant conditioning involves an association between a voluntary action and its consequences.

B:-Operant conditioning depends on an association between a stimulus and an innate reflex

C:-Classical conditioning involves a voluntary behavior followed by a reward

D:-Classical conditioning requires the animal to solve a complex puzzle

Correct Answer:- Option-A

Question61:-"DNA" Barcoding" is the technique used for:

A:-Modifying DNA

B:-Identifying species

C:-Denaturing DNA

D:-Amplifying DNA

Correct Answer:- Option-B

Question62:-PCR is technique used for

A:-Amplifying RNA

B:-Amplifying Protein

C:-Amplifying DNA

D:-Both (1) and (3)

Correct Answer:- Option-C

Question63:-Which of the following is not a difference between Genomic library and cDNA library?

A:-Presence or absence of prokaryotic origin of replication on the vector

B:-Presence or absence of DNA from intergenic region

C:-Presence or absence of introns in cloned genes

D:-Presence or absence of promoters in cloned genes

Correct Answer:- Option-A

Question64:-STR polymorphism are used for

A:-Species variants

B:-Disease diagnosis

C:-Person identification

D:-Both (1) and (3)

Correct Answer:- Option-D

Question65:-Rate limiting components of a PCR

A:-Primers and Template DNA

B:-Taq. Polymerase and template DNA

C:-dNTP and template DNA

D:-Primers and dNTP

Correct Answer:- Option-D

Question66:-Paper chromatography is an example for

A:-Affinity chromatography

B:-Partition chromatography

C:-Thin layer chromatography

D:-Adsorption chromatography

Correct Answer:- Option-B

Question67:-Which can't use Blue White Screening?

A:-pBR322

B:-pUC9

C:-BAC

D:-pUC8

Correct Answer:- Option-A

Question68:-How many restriction sites of ECOR 1 with target sequence 5' - GAATTC-3' present in a stretch of 16384bp DNA?

A:-5

B:-10

C:-4

D:-3

Correct Answer:- Option-C

Question69:-Which is used for multiple sequence alignment?

A:-EMBOSS Needle

B:-Clustal W

C:-BLAST

D:-FASTA

Correct Answer:- Option-B

Question70:-Protein sequencing is done with:

A:-MALDI-TOF-MS

B:-SOLiD

C:-Ion Torrent

D:-454 Pyrosequencing

Correct Answer:- Option-A

Question71:-The scales of measurement and examples for these scales of measurement are given below. Select the correct pairs:

Scales of Measurement	Examples
(a) Interval	(i) Students grouped by blood type
(b) Ordinal	(ii) Recording the temperature of water as 25 degrees Celsius and 100 degree Celsius
(c) Nominal	(iii) Measuring the weight of students in Kg
(d) Ratio	(iv) Ranking schools as 1 <sup>st</sup> 2 <sup>nd</sup> and 3 <sup>rd</sup> in a district competition

A:-a-(iii), b-(i), c-(iv), d-(ii)

B:-a-(iv), b-(iii), c-(ii), d-(i)

C:-a-(ii), b-(iv), c-(i), d-(iii)

D:-a-(ii), b-(i), c-(iii), d-(iv)

Correct Answer:- Option-C

Question72:-Name the research which show the nature of association, but not cause effect relationship.

A:-Experimental research

B:-Case Study

C:-Correlational research

D:-Longitudinal research

Correct Answer:- Option-C

Question73:-In hypothesis testing, what does rejecting the null hypothesis imply?

A:-The observed differences are due only to sampling error

B:-The groups are meaningfully different, supporting the research hypothesis

C:-The study results match the original expectations exactly

D:-The null hypothesis is always false in practice

Correct Answer:- Option-B

Question74:-Quantitative research is most appropriate when the research problem requires:

A:-Learning about individual perspectives

B:-Measuring variables

C:-Generating theories from participant views

D:-Obtaining detailed information about a few sites

Correct Answer:- Option-B

Question75:-Arrange the following steps of reviewing literature in the correct order:

(i) Critically evaluate and select the literature

(ii) Write a literature review

(iii) Identify key terms for research

(iv) Organise the selected literature

(v) Locate literature from databases and libraries

A:-iii, v, i, iv, ii

B:-v, iii, i, ii, iv

C:-i, iii, v, iv, ii

D:-iii, i, v, iv, ii

Correct Answer:- Option-A

Question76:-What is the relationship between negative reinforcement and punishment?

A:-Both tend to weaken a response

B:-Both tend to strengthen a response

C:-Negative reinforcement strengthens a response, while punishment weakens a response

D:-Negative reinforcement weakens a response, while punishment weakens a response

Correct Answer:- Option-C

Question77:-According to Gagné, which of the following is the correct ascending order of learning?

A:-Problem solving → Rule using → Classification → Multiple discrimination  
→ Chaining → Specific responding

B:-Specific responding → Chaining → Multiple discrimination → Classification  
→ Rule using → Problem solving

C:-Specific responding → Classification → Chaining → Rule using → Multiple  
discrimination → Problem solving

D:-Chaining → Specific responding → Problem solving → Rule using →  
Classification → Multiple discrimination

Correct Answer:- Option-B

Question78:-Select the correct statements about Revised Booms Taxonomy  
(2001):

- (i) It replaced nouns with action verbs
- (ii) Highest cognitive level is create
- (iii) Knowledge dimensions include factual, conceptual, procedural and  
metacognitive knowledge
- (iv) It emphasised learning outcomes that are measurable and observable
- (v) Six levels of the cognitive domain are remember, understand, apply,  
analyse, synthesis and create

A:-ii, iii, iv, v

B:-i, iii, v, iv

C:-i, ii, iii, iv

D:-i, ii, iv, v

Correct Answer:- Option-C

Question79:-Select the correct options in SET 2 based on the statements given in  
SET 1:

SET 1

SET 2

- |  |                            |
|--|----------------------------|
| (a) Realisation that a toy still exists even when hidden                         | (i) Classification         |
| (b) A child knows that taller and shorter glasses carry equal<br>amount of water | (ii) Egocentrism           |
| (c) Child refuses to share the toy with his friend                               | (iii) Object<br>Permanence |
| (d) Child can group objects by more than one property                            | (iv) Conservation          |

A:-a-(ii), b-(i), c-(iv), d-(iii)

B:-a-(iii), b-(iv), c-(ii), d-(i)

C:-a-(iv), b-(iii), c-(i), d-(ii)

D:-a-(i), b-(iii), c-(ii), d-(iv)

Correct Answer:- Option-B

Question80:-Which is not true about constructivist perspective?

A:-Goal is prediction and control of behaviour

B:-Learner creates new knowledge from experience

C:-Knowledge creation is the result of social and cultural activity

D:-Construct new ideas based on their current and past knowledge

Correct Answer:- Option-A

Question81:-Which of the following statements is/are true about the Lok Sabha Speaker?

(i) A resolution to remove the speaker can be moved only after 14 days' advance notice.

(ii) Resolution for the removal of the speaker is given in writing to the Deputy Speaker of the Lok Sabha.

(iii) While the resolution is under consideration, the Speaker cannot preside over the House, but she/he can participate, speak and vote in the first instance.

(iv) A member may give notice of a resolution under clause (c) of article 94 of the constitution.

A:-i, iii, iv are true

B:-i, ii, iii are true

C:-i, ii, iv is true

D:-All are true

Correct Answer:- Option-A

Question82:-Consider the following pairs; among these, pick the right pairs.

i. Uniform Civil Code - Article 44

ii. Universal Adult Franchise - Article 326

iii. Assent to Bills by the Governor - Article 200

iv. Impeachment of the President - Article 61

A:-i, ii and iv are true

B:-ii and iv are true

C:-i, iii and iv are true

D:-All are true

Correct Answer:- Option-D

Question83:-Which of the following sentences is true regarding the appointment of the commissioners of the Election Commission?

A:-The President appoints the Election Commissioners based on the recommendations of the Selection Committee, which will comprise the Prime Minister, a Cabinet Minister and the leader of Opposition in Lok Sabha (or leader of the single largest opposition party).

B:-The President appoints the Election Commissioners on the recommendations of the Selection Committee, which will comprise the Prime Minister, the leader of the Opposition in the Lok Sabha (or the leader of the single largest opposition party), and the Chief Justice of India.

C:-The President appoints the Election Commissioners on the recommendations of the Selection Committee, which will comprise the Prime Minister, a Cabinet Minister, the Leader of the Opposition in the Lok Sabha (or the leader of the single largest opposition party), and the Leader of the Opposition in the Rajya Sabha.

D:-The President appoints the Election Commissioners based on the recommendations of the Selection Committee, which will comprise the Prime Minister, a Cabinet Minister, and the Chief Justice of India.

Correct Answer:- Option-A

Question84:-The power of the Supreme Court of India to decide the disputes between/among States falls under its:

A:-Appellate Jurisdiction

B:-Advisory Jurisdiction

C:-original Jurisdiction

D:-Writ Jurisdiction

Correct Answer:- Option-C

Question85:-Match List I with List II and select the correct answer by using the codes given below the respective lists:

List I (Act)	List II (Year)
A. Right to information Act	i. 2012
B. POCSO Act	ii. 2013
C. National Food Security Act	iii. 2017
D. Maternity Benefit (Amendment) Act	iv. 2005

A:-A-iv, B-iii, C-i, D-ii

B:-A-ii, B-i, C-iv, D-iii

C:-A-iv, B-iii, C-ii, D-i

D:-A-iv, B-i, C-ii, D-iii

Correct Answer:- Option-D

Question86:-Which one of the following is not a constitutional body?

A:-National Human Rights Commission

B:-Election Commission

C:-GST Council

D:-CAG

Correct Answer:- Option-A

Question87:-The Supreme Court judgment in Unni Krishnan, J.P. v. State of Andhra Pradesh (1993) is significant for which of the following reasons?

A:-It declared the Right to Property as a fundamental Right

B:-It recognized the Right to Education as a fundamental right under Article 21

C:-It abolished reservations in educational institutions.

D:-It upheld the absolute privatization of higher Education

Correct Answer:- Option-B

Question88:-Among the following, who was not a member of the Drafting Committee of the Indian Constitution?

A:-A.N. Gopaldaswami Ayyangar

B:-Syed Mohammad Saadulla

C:-T.T. Krishnamachari

D:-Rajendra Prasad

Correct Answer:- Option-D

Question89:-Which among the following requires a special majority of the parliament along with the consent of the States?

A:-Goods and Service Tax Council

B:-Delimitation of constituencies

C:-Fundamental Rights

D:-Citizenship

Correct Answer:- Option-A

Question90:-As per the present arrangement, how many seats are reserved for the Scheduled Castes in the Lok Sabha?

A:-79

B:-84

C:-47

D:-90

Correct Answer:- Option-B

Question91:-Which event is known as the Magnacarta of Kerala History?

A:-Malayalee Memorial

B:-Ezhava Memorial

C:-Guruvayur Sathyagraha

D:-Temple Entry proclamation

Correct Answer:- Option-D

Question92:-The slogan "Make the Nambuthiri a human being" is associated with which organisation?

A:-Sree Narayana Dharma - Paripalana Yogam

B:-Yogakshema Sabha

C:-Sadhujana Paripalana Yogam

D:-Nair Service Society

Correct Answer:- Option-B

Question93:-Who started the News Paper Vivekodayam?

A:-Poikayil Yohannan

B:-V.T. Bhattathiripad

C:-Kumaran Asan

D:-Swadeshabhimani RamaKrishna Pillai

Correct Answer:- Option-C

Question94:-Which of the following statement is/are correct about SNDP Yogam?

- (i) One caste, One Religion, One God for All
- (ii) The Villuvandi Samaram is related to SNDP Yogam
- (iii) Vivekodayam is the official - magazine of the SNDP Yogam

A:-Only (ii) and (iii)

B:-Only (i)

C:-Only (i) and (iii)

D:-All of the above

Correct Answer:- Option-C

Question95:-Who wrote the book Adukalayil - ninnu Adarkalathilekku?

A:-V.T. Bhattathiripad

B:-Vagbhatananda

C:-Sunitha T.V.

D:-Arya Pallam

Correct Answer:- Option-C

Question96:-Who founded the Atma Vidya Sangham?

A:-Chattampi Swamikal

B:-Sree Narayana Guru

C:-Ayyankali

D:-Vagbhatananda

Correct Answer:- Option-D

Question97:-Arrange the following Chronologically:

- (i) Guruvayoor Sathyagraha
- (ii) Paliyam Sathyagraha
- (iii) Vaikom Sathyagraha
- (iv) Kuttamkulam Sathyagraha

A:-(ii), (iv), (i), (iii)

B:-(iii), (i), (iv), (ii)

C:-(i), (ii), (iii), (iv)

D:-(iv), (iii), (ii), (i)

Correct Answer:- Option-B

Question98:-The Kallumala Agitation was promoted by which social reformer?

A:-Sree Narayana Guru

B:-Ayyankali

C:-Mannathu Padmanabhan

D:-Pandit Karuppan

Correct Answer:- Option-B

Question99:-Match the following Social reform organisation with their respective founders:

Social Reform Organisation

Their Founders

(i) Vagbhadanand

(a) Prathyaksha Raksha Daiva Sabha

(ii) Poikayil Yohannan

(b) The Atmavidya Sabha

(iii) Sahodaran Ayyappan

(c) Yogakshema Sabha

(iv) V.T. Bhattathiripad

(d) Sahodara Sangham

A:-(i)-(b), (ii)-(a), (iii)-(d), (iv)-(c)

B:-(i)-(a), (ii)-(b), (iii)-(c), (iv)-(d)

C:-(i)-(a), (ii)-(b), (iii)-(d), (iv)-(c)

D:-(i)-(b), (ii)-(a), (iii)-(c), (iv)-(d)

Correct Answer:- Option-A

Question100:-Match the following works with their respective writers:

(i) Keralavarma- Valiyakoyi Thampuran (a) Soorya Kanthi

(ii) G. Sankara kurup

(b) Vaisakha Vijayam

(iii) O. Chandu Menon

(c) Odayil Ninnu

(iv) P. Kesava Dev

(d) Indulekha

A:-(i)-(b), (ii)-(a), (3)-(d), (4)-(c)

B:-(i)-(a), (ii)-(b), (3)-(c), (4)-(d)

C:-(i)-(a), (ii)-(b), (3)-(d), (4)-(c)

D:-(i)-(b), (ii)-(a), (3)-(c), (4)-(d)

Correct Answer:- Option-A