

# PROVISIONAL ANSWER KEY

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Question1:-What does the parliament of India consist of?

- A:-President and Lok Sabha
  - B:-President and Rajya Sabha
  - C:-President and two houses
  - D:-Lok Sabha and Rajya Sabha
- Correct Answer:- Option-C

Question2:-Who is the author of 'Mary Iqyawan Kavitaain', a collection of poems?

- A:-Sobha Dey
  - B:-Atal Bihari Vajpayee
  - C:-R.K. Narayan
  - D:-V.P. Singh
- Correct Answer:- Option-B

Question3:-Which country ruled Nicobar island before the British took over the islands in 1868?

- A:-Portugal
  - B:-Holland
  - C:-France
  - D:-Denmark
- Correct Answer:- Option-D

Question4:-In which district of Kerala did the trade union first establish?

- A:-Alappuzha
  - B:-Thiruvananthapuram
  - C:-Eranakulam
  - D:-Kannur
- Correct Answer:- Option-A

Question5:-In which game B.C. Roy trophy awarded?

- A:-Badminton
  - B:-Cricket
  - C:-Foot ball
  - D:-Tennis
- Correct Answer:- Option-C

Question6:-What is the term Grand Prix famous for?

- A:-Hockey
  - B:-Soccer
  - C:-Motor Racing
  - D:-Cricket
- Correct Answer:- Option-C

Question7:-Who wrote Benttur, the first novel blessed by Pope?

- A:-D.H. Lawrence
  - B:-Nirad Choudhari
  - C:-Guy de Maupassant
  - D:-Lew Wallace
- Correct Answer:- Option-D

Question8:-The capital of Chera Rulers

- A:-Mahodayapuram
  - B:-Madurai
  - C:-Vatapi
  - D:-None of these
- Correct Answer:- Option-A

Question9:-Name the place where the play 'Atukkalayilninnu Arangathekku' was staged for the first time

- A:-Angadippuram

- B:-Edakunni
- C:-Pallimukku
- D:-Thirunavaya

Correct Answer:- Option-B

Question10:-The oldest classical dance in India

- A:-Odeessi
- B:-Bharatnatyam
- C:-Kuchippudi
- D:-Kadhakali

Correct Answer:- Option-A

Question11:-What is called endogamy?

- A:-Marriage within specified group/caste
- B:-Marriage outside group/caste
- C:-Marriage below the age of 18
- D:-Marriage with the same sex

Correct Answer:- Option-A

Question12:-Which freedom fighter worked as the director of Mathrubhumi?

- A:-Gracey Aron
- B:-Accamma Cheriyan
- C:-A.V. Kuttimalu Amma
- D:-Ammu Swaminathan

Correct Answer:- Option-C

Question13:-Which of the following countries is not a member of SAARC?

- A:-Bangladesh
- B:-Myanmar
- C:-Nepal
- D:-India

Correct Answer:- Option-B

Question14:-The official document of Great Britain

- A:-White paper
- B:-White book
- C:-Gray book
- D:-Blue book

Correct Answer:- Option-D

Question15:-Panchayathi Raj included in the \_\_\_\_\_ schedule of the Indian Constitution.

- A:-12th Schedule
- B:-11th Schedule
- C:-10th Schedule
- D:-9th Schedule

Correct Answer:- Option-B

Question16:-The least polluted river in Kerala

- A:-Bharathappuzha
- B:-Periyar
- C:-Neyyar
- D:-Kunthipuzha

Correct Answer:- Option-D

Question17:-Who got the first Vriksha Mithra prize given by the Central Government?

- A:-Sugathakumari
- B:-Arundhathi Roy
- C:-Medha Patkar
- D:-Mayilamma

Correct Answer:- Option-A

Question18:-Kerala Metals and Minerals Limited (KMML) is located at

- A:-Vizhingam
- B:-Thiruvananthapuram
- C:-Varkala
- D:-Chavara

Correct Answer:- Option-D

Question19:-The second foreigner who got the 'Bharat Ratna Award'

- A:-Khan Abdul Gafarkhan
- B:-Nelson Mandela
- C:-Mummadali Jinna
- D:-None of these

Correct Answer:- Option-B

Question20:-Of what CRY is an abbreviation?

- A:-Child Relief Yojana
- B:-Child Rozgar Yojana
- C:-Child Relief and You
- D:-Central Rozgar Yojana

Correct Answer:- Option-C

Question21:-The lower storey of a building below or partly below the ground floor

- A:-Basement
- B:-Cellar
- C:-Both of the above
- D:-None of the above

Correct Answer:- Option-C

Question22:-The usable floor area excluding the area of staircases, lift wells, escalators, ducts, toilets, air condition plant room and electrical control, room

- A:-Carpet area
- B:-Plinth area
- C:-Built up area
- D:-None of the above

Correct Answer:- Option-A

Question23:-The quotient obtained by dividing the total floor area on all floors by the area of the plot

- A:-Plinth area
- B:-Floor area ratio
- C:-Saleable area
- D:-Carpet area

Correct Answer:- Option-B

Question24:-A room or suites of rooms designed and intended for habitation by an individual or household in which facilities for cooking may or may not be provided

- A:-Apartment
- B:-Residence
- C:-Household
- D:-Dwelling unit

Correct Answer:- Option-D

Question25:-The distance an occupant has to travel reach an exit in a building

- A:-Flight
- B:-Fire exit
- C:-Travel distance
- D:-Landing

Correct Answer:- Option-C

Question26:-The minimum distance between the central line of a street and any building other than a compound wall or fence or outdoor display structure according to KMBR shall be

- A:-4.5 meters
- B:-3 meters
- C:-5 meters
- D:-2 meters

Correct Answer:- Option-A

Question27:-The site plan shall show the position and dimension of the well and all existing and proposed buildings and structures in the site and within

- A:-10 meters
- B:-5 meters
- C:-3 meters
- D:-7.5 meters

Correct Answer:- Option-D

Question28:-A competition only a select group of architects deemed to have adequate experience in similar projects are invited to compete is called

- A:-Open competition

B:-Limited competition

C:-Both of the above

D:-None of the above

Correct Answer:- Option-B

Question29:-Contract which has been the traditional type of fee structure where the consultant is paid an agreed percentage of the actual construction cost is called

A:-Lump sum contract

B:-Item rate contract

C:-Percentage contract

D:-None of the above

Correct Answer:- Option-C

Question30:-The Defect Liability Period in contract document normally refers to a period of

A:-1 year to 2 years

B:-6 months to 1 year

C:-No time frame

D:-None of the above

Correct Answer:- Option-B

Question31:-The IIA recommends architects to be engaged, as far as possible, in comprehensive architectural services and has designed a scale of fees for comprehensive services for Urban Design is

A:-1%

B:-5%

C:-3.5%

D:-7%

Correct Answer:- Option-A

Question32:-Postmodern architecture has also been described as what style of architecture, where reference and ornament have returned to the facade, replacing the aggressively unornamented modern styles

A:-Neo-eclectic

B:-Neoclassical

C:-Vandalism

D:-None of the above

Correct Answer:- Option-A

Question33:-What do you mean by CAD?

A:-Computer Aided Drafting

B:-Computer Aided Drawing

C:-Computer Aided Design

D:-None of the above

Correct Answer:- Option-C

Question34:-The letter BIM in software to create plans, construction drawings, and precise lists of building materials stands for

A:-Building information modeling

B:-Building information method

C:-Block information method

D:-Block information modeling

Correct Answer:- Option-A

Question35:-CAD software will let the designer

A:-Zoom in and out for close-up and distant views

B:-Rotate images to view them from different perspectives

C:-Change the scale of images

D:-All of the above

Correct Answer:- Option-D

Question36:-In what kind of competition, invitation to participate is issued to all those interested through a public notice and anyone desirous of competing can register and submit designs

A:-Closed competition

B:-Open competition

C:-Negotiation

D:-None of the above

Correct Answer:- Option-B

Question37:-Each of street parking space provided for parking motor cars shall be not less than

A:-17 Sq.mts. area

B:-15 Sq.mts. area

C:-13 Sq.mts. area

D:-12 Sq.mts. area

Correct Answer:- Option-B

Question38:-Shallow foundation are also called

A:-Spread footings

B:-Open footings

C:-None of the above

D:-Both of the above

Correct Answer:- Option-D

Question39:-There are several kinds of shallow footings are

A:-Individual footings

B:-Strip footings

C:-Raft foundations

D:-All of the above

Correct Answer:- Option-D

Question40:-Footings commonly found in load-bearing masonry construction that supports the weight of an entire wall is called

A:-strip footings

B:-Mat foundation

C:-Pile foundation

D:-None of the above

Correct Answer:- Option-A

Question41:-Which of the following is a metamorphic rock?

A:-Granite

B:-Sandstone

C:-Marble

D:-None of the above

Correct Answer:- Option-C

Question42:-This type of glass is tempered, may have distortions and low visibility but it breaks into small dice-like pieces at modulus of rupture of 3600 psi

A:-Laminated glass

B:-Toughened glass

C:-Chromatic glass

D:-Float glass

Correct Answer:- Option-B

Question43:-In estimation the cost of construction is determined by multiplying plinth area with plinth area rate is called

A:-Cubical content method

B:-Unit base method

C:-Plinth area method

D:-Bottom up method

Correct Answer:- Option-C

Question44:-A window one that is hinged on its side, and normally opens outwards rather than inwards is

A:-Casement window

B:-Sliding window

C:-Awning window

D:-Pivoting window

Correct Answer:- Option-A

Question45:-A float glass is also known as

A:-Soda lime glass

B:-Clear glass

C:-Both of the above

D:-None of the above

Correct Answer:- Option-C

Question46:-This type of glass is made by sandwiching glass panels within a protective layer. It is heavier than normal glass and may cause optical distortions as well. It is tough and protects from UV radiation (99%) and insulates sound by 50%

A:-Chromatic glass

B:-Laminated glass

C:-Float glass

D:-All of the above

Correct Answer:- Option-B

Question47:-One of the bathroom fittings, which lets the water out of the system into the bath, sink, basin, or shower

- A:-Faucet
  - B:-Spout
  - C:-None of the above
  - D:-Both of the above
- Correct Answer:- Option-B

Question48:-Waste water from showers, basins, kitchen sinks, washing machines, and the like is called

- A:-Grey water
  - B:-Black water
  - C:-Rose water
  - D:-None of the above
- Correct Answer:- Option-A

Question49:-A larger version of an inspection chamber, using in the main drainage line or in the street

- A:-Manhole
  - B:-Septic tank
  - C:-Sewage treatment plant
  - D:-All of the above
- Correct Answer:- Option-A

Question50:-If one has to dispose of quantities of water containing chemical contaminants, treatment plant used is

- A:-Sewage treatment plant
  - B:-Effluent treatment plant
  - C:-Both of the above
  - D:-None of the above
- Correct Answer:- Option-B

Question51:-The size or proportion of a building element or space or an article of furniture, relative to the structural or functional dimensions of the human body

- A:-Human scale
  - B:-Mechanical scale
  - C:-Visual scale
  - D:-Monumental scale
- Correct Answer:- Option-A

Question52:-Symmetry resulting from the arrangement of similar parts on opposite sides of a median axis

- A:-Local symmetry
  - B:-Symmetry
  - C:-Bilateral symmetry
  - D:-Radial symmetry
- Correct Answer:- Option-C

Question53:-A certain proportionate size, extent, or degree usually judged in relation to some standard or point of reference

- A:-Size
  - B:-Scale
  - C:-Height
  - D:-Module
- Correct Answer:- Option-B

Question54:-The orderly, pleasing or congruent arrangement of the elements or parts in an artistic whole

- A:-Order
  - B:-Unity
  - C:-Balance
  - D:-Harmony
- Correct Answer:- Option-D

Question55:-The shape and structure of something as distinguished from its substance or material

- A:-Shape
  - B:-Texture
  - C:-Form
  - D:-Massing
- Correct Answer:- Option-C

Question56:-Elements that are close to each other are perceived as more related than elements that lie farther apart

- A:-Proximity
- B:-Similarity
- C:-Continuity

D:-None of the above

Correct Answer:- Option-A

Question57:-What identifies a range of sizes; which creates interest and depth by demonstrating how each item relates to each other based on size

A:-Size

B:-Scale

C:-Height

D:-Module

Correct Answer:- Option-B

Question58:-This creates the perception that there is equal distribution. This does not always imply that there is symmetry

A:-Rhythm

B:-Harmony

C:-Balance

D:-Unity

Correct Answer:- Option-C

Question59:-Seeking adequate performance and expression of spaces

A:-Function

B:-Form

C:-Massing

D:-Module

Correct Answer:- Option-A

Question60:-The type of balance in which both sides are similar in visual weight but not mirrored

A:-Asymmetrical balance

B:-Informal balance

C:-Occult balance

D:-All of the above

Correct Answer:- Option-D

Question61:-Mughal influence can be seen in cultural contributions such as

A:-Landscape and Mughal gardening

B:-New trade routes to Arab and Turkic lands

C:-Persian art and culture amalgamated with Indian art and culture

D:-All of the above

Correct Answer:- Option-D

Question62:-The architecture also known as the Later Roman or Eastern Roman Empire. This terminology is used by modern historians to designate the medieval Roman Empire

A:-Byzantine architecture

B:-Gothic architecture

C:-Renaissance architecture

D:-None of the above

Correct Answer:- Option-A

Question63:-The style of architecture that flourished during the high and late medieval period which evolved from Romanesque architecture and was succeeded by Renaissance architecture

A:-Gothic architecture

B:-Byzantine architecture

C:-Romanesque architecture

D:-Renaissance architecture

Correct Answer:- Option-A

Question64:-The architecture of the period between the early 14th and early 17th centuries in different regions of Europe, demonstrating a conscious revival and development of certain elements of ancient Greek and Roman thought and material culture

A:-Byzantine architecture

B:-Renaissance architecture

C:-Greek architecture

D:-Roman architecture

Correct Answer:- Option-B

Question65:-The important architectural sciences, which have had a strong impact in Kerala architecture style

A:-Tantrasamuchaya

B:-Manushayalaya-Chandrika

C:-Silparatna

D:-All of the above

Correct Answer:- Option-D

Question66:-Architectural interest in centered on the dissolution and reconstitution of three-dimensional form, using simple geometric shapes, juxtaposed without the illusions of classical perspective modernism

- A:-Structuralism
- B:-Deconstructivism
- C:-Cubism
- D:-Minimalism

Correct Answer:- Option-C

Question67:-A movement in architecture and urban planning evolved around the middle of the 20th century. Which had led to a lifeless expression of urban planning that ignored the identify of the inhabitants and urban forms

- A:-Deconstructivism
- B:-Structuralism
- C:-Rationalism
- D:-Minimalism

Correct Answer:- Option-B

Question68:-The development of postmodern architecture that began in the late 1950s, which is a form of semiotic analysis. It is characterized by fragmentation, an interest in manipulating a structure's surface, skin, non-rectilinear shapes which appear to distort and dislocate elements of architecture, such as structure and envelope

- A:-Structuralism
- B:-Cubism
- C:-Deconstructivism
- D:-Rationalism

Correct Answer:- Option-C

Question69:-A trend in design and architecture, wherein the subject is reduced to its necessary elements. This design has been highly influenced by Japanese traditional design and architecture

- A:-Deconstructivism
- B:-Cubism
- C:-Rationalism
- D:-Minimalism

Correct Answer:- Option-D

Question70:-The reign of which emperor, between 1628-58 was the golden age of Mughal architecture

- A:-Shah Jahan
- B:-Babur
- C:-Akbar
- D:-Jahangir

Correct Answer:- Option-A

Question71:-What includes several horizontal perforated pipes radiating outward from the bottom of a large-diameter vertical shaft

- A:-Wells
- B:-Infiltration gallery
- C:-Aquifer
- D:-None of the above

Correct Answer:- Option-B

Question72:-The most important microbiological measure of drinking-water quality is a group of bacteria called

- A:-Pesticides
- B:-Chloroform
- C:-Coliforms
- D:-Arsenic

Correct Answer:- Option-C

Question73:-Building services are what makes a building come to life. They include

- A:-Energy supply-gas, electricity and renewable sources
- B:-Heating and ventilating
- C:-Water, drainage and plumbing
- D:-All of the above

Correct Answer:- Option-D

Question74:-Water supply systems get water from a variety of locations after appropriate treatment, including groundwater (aquifers), surface water (lakes and rivers), and the sea through

- A:-Sedimentation
- B:-Infiltration
- C:-Desalination



D:-Chlorination

Correct Answer:- Option-C

Question75:-The total land area that contributes surface runoff to a river or lake is called a

A:-Watershed

B:-Drainage basin

C:-Catchment area

D:-All of the above

Correct Answer:- Option-D

Question76:-In electrification the installation of decentralized facilities that are not connected to existing transmission and/or distribution grids

A:-Grid electrification

B:-Off-grid electrification

C:-Both of the above

D:-None of the above

Correct Answer:- Option-B

Question77:-A brittle form of iron which is weaker in tension than in compression. It has a relatively low melting point, good fluidity, castability, excellent machinability and wear resistance

A:-Wrought iron

B:-Cast iron

C:-Both of the above

D:-None of the above

Correct Answer:- Option-B

Question78:-What is FRP?

A:-Fiber Reinforced Polymers

B:-Fiber Reinforced Plastic

C:-Foam Reinforced Polymers

D:-Foam Reinforced Plastic

Correct Answer:- Option-A

Question79:-The fire performance of timber is dependent on the

A:-Charring rate

B:-The loss in strength

C:-Modulus of elasticity

D:-All of the above

Correct Answer:- Option-D

Question80:-The air conditioning offers whole-house or large-commercial-space cooling, and often offers moderate multi-zone temperature control capability by the addition of air-louver-control boxes

A:-Central air conditioning

B:-Split system

C:-Portable unit

D:-All of the above

Correct Answer:- Option-A

Question81:-The components of an ecosystem that are all of the nonliving elements. They include the water, the air, the temperature and the rocks and minerals that make up the soil is known as

A:-Biotic

B:-Abiotic

C:-Terrestrial

D:-None of the above

Correct Answer:- Option-B

Question82:-The components of ecosystems include all the plants, animals, fungi and microorganisms that make up ecological communities is called

A:-Abiotic

B:-Terrestrial

C:-Biotic

D:-None of the above

Correct Answer:- Option-C

Question83:-All types of ecosystem fall into one of two categories: terrestrial or aquatic. Terrestrial ecosystems are

A:-Land-based

B:-Water-based

C:-Air-based

D:-All of the above

Correct Answer:- Option-A

Question84:-Human activities that affect the ecosystem

A:-Deforestation

B:-Pollution

C:-Land conversion

D:-All of the above

Correct Answer:- Option-D

Question85:-The condition of the atmosphere at a particular place over a short period of time

A:-Climate

B:-Atmosphere

C:-Weather

D:-Thermal comfort

Correct Answer:- Option-C

Question86:-The condition of mind that expresses satisfaction with the environment and is assessed by subjective evaluation

A:-Weather

B:-Thermal comfort

C:-Climate

D:-None of the above

Correct Answer:- Option-B

Question87:-The interdisciplinary science that deals with the study of all mechanical waves in gases, liquids, and solids including topics such as vibration, sound, ultrasound and infrasound

A:-Acoustics

B:-Climatology

C:-Ecology

D:-None of the above

Correct Answer:- Option-A

Question88:-The long-term state of the atmosphere is a function of a variety of interacting elements. They are

A:-Solar radiation and air masses

B:-Pressure systems and ocean currents

C:-Topography

D:-All of the above

Correct Answer:- Option-D

Question89:-The persistence of sound reflection after the source of the sound has ceased is called

A:-Reverberation

B:-Wavelength

C:-Frequency

D:-None of the above

Correct Answer:- Option-A

Question90:-The weather pattern of a place over a long period, long enough to yield meaningful averages

A:-Weather

B:-Thermal comfort

C:-Climate

D:-Atmosphere

Correct Answer:- Option-C

Question91:-Modifying factors of weather pattern of a place are

A:-Latitude and altitude

B:-Distance to the ocean and/or sea

C:-Orientation of mountain ranges toward prevailing winds

D:-All of the above

Correct Answer:- Option-D

Question92:-Planning an urban paradigm that emphasizes involving the entire community in the strategic and management processes of urban planning is

A:-Participatory planning

B:-Regional planning

C:-Urban planning

D:-None of the above

Correct Answer:- Option-A

Question93:-Some of the principles of neighbourhood planning are

A:-Low density

B:-Adequate space for streets and an efficient street network

C:-Both of the above

D:-None of the above

Correct Answer:- Option-B

Question94:-Key features of sustainable neighborhood is

A:-A vibrant street life

B:-Walkability

C:-Affordability

D:-All of the above

Correct Answer:- Option-D

Question95:-A planning that cannot conflict with the strategic policies in the Local Plan prepared by the local planning authority

A:-Sustainable plan

B:-Participatory plan

C:-Neighbourhood plan

D:-Cost effective plan

Correct Answer:- Option-C

Question96:-The architecture that seeks to minimize the negative environmental impact of buildings by efficiency and moderation in the use of materials, energy, and development space

A:-Sustainable architecture

B:-Digital architecture

C:-Cost effective architecture

D:-None of the above

Correct Answer:- Option-A

Question97:-Sustainable building materials are

A:-Recycled materials

B:-Lower volatile organic compounds

C:-Materials sustainability standards

D:-All of the above

Correct Answer:- Option-D

Question98:-Cost-effective building is the design with

A:-Inferior building materials

B:-The lowest operating and maintenance costs

C:-Shortest life span

D:-All of the above

Correct Answer:- Option-B

Question99:-Based on the number of points achieved, which of the following levels are earned in LEED reating

A:-Silver

B:-Gold

C:-Certified

D:-All of the above

Correct Answer:- Option-D

Question100:-What is LEED?

A:-Low cost Energy Efficient Design

B:-Leadership in Efficiency and Energy Design

C:-Leadership in Energy and Environmental Design

D:-None of the above

Correct Answer:- Option-C