

# PROVISIONAL ANSWER KEY

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Question1:-According to Nueferts spatial data the minimum space required for a man with luggage in both hands.

- A:-80 cm
- B:-100 cm
- C:-115 cm
- D:-120 cm

Correct Answer:- Option-B

Question2:-The wood joint used for the laying of flooring boards of cabinets and shelves:

- A:-Mitred Joint
- B:-Dovetail Joint
- C:-Bridle Joint
- D:-Tongue and Groove Joint

Correct Answer:- Option-D

Question3:-The type of brick masonry in which the alternate courses of headers and stretchers are distinctly seen:

- A:-English Bond
- B:-Flemish Bond
- C:-Rat Trap Bond
- D:-Spanish Bond

Correct Answer:- Option-A

Question4:-The flat-roofed, rectangular structure with inward sloping sides that marked the burial sites in ancient Egypt:

- A:-Pyramid
- B:-Mastaba
- C:-Pylon
- D:-Hypostyle

Correct Answer:- Option-B

Question5:-The Chaithya hall of Buddhist architecture was used for:

- A:-Prayer
- B:-Dining
- C:-Sleeping
- D:-Recreation

Correct Answer:- Option-A

Question6:-The Shore temple of Mahabalipuram was built of:

- A:-Marble
- B:-Sandstone
- C:-Laterite
- D:-Granite

Correct Answer:- Option-D

Question7:-The Symmetrical arrangement in which only a single plane can divide the whole composition into identical halves:

- A:-Radial
- B:-Bi-lateral
- C:-Transverse
- D:-Oblique

Correct Answer:- Option-B

Question8:-A line plane or volume of reference to which other elements in a composition can relate:

- A:-Datum
- B:-Axis
- C:-Horizon
- D:-Vista

Correct Answer:- Option-A

Question9:-Identify the building of thin shell structure:

- A:-Sydney Tower, Sydney
  - B:-India Habitat Centre, Delhi
  - C:-Centre Pompidou, Paris
  - D:-Kresge Auditorium, USA
- Correct Answer:- Option-D

Question10:-Which of these is not a Leonardo Da Vinci Painting?

- A:-Mona Lisa
  - B:-The Old Guitarist
  - C:-The Last Supper
  - D:-Adoration of the Magi
- Correct Answer:- Option-B

Question11:-The Chroma of a colour can be changed by adding \_\_\_\_\_ to the colour?

- A:-Black
  - B:-Water
  - C:-White
  - D:-Grey
- Correct Answer:- Option-D

Question12:-Equitable use, Flexibility in use and tolerance for error are the principles of \_\_\_\_\_?

- A:-Barrier free Design
  - B:-Proxemics
  - C:-Universal Design
  - D:-Territoriality
- Correct Answer:- Option-C

Question13:-The Architect who quoted that God is in the details is:

- A:-Tadao Ando
  - B:-Mies Van der Rohe
  - C:-F L Wright
  - D:-Loius Khan
- Correct Answer:- Option-B

Question14:-An equilateral spiral is also called:

- A:-Archimedean Spiral
  - B:-Golden Spiral
  - C:-Helix
  - D:-Logarithmic spiral
- Correct Answer:- Option-A

Question15:-Shear force and bending moment diagrams are the analytical tools that determine \_\_\_\_\_ of a member in a structure such as beam:

- A:-Type
  - B:-Size
  - C:-Material
  - D:-All of the three
- Correct Answer:- Option-D

Question16:-Maximum bending moment for a cantilevered beam subjected to uniformly distributed load over the entire span of the beam occurs at:

- A:-Mid Span
  - B:-Free end
  - C:-Fixed end
  - D:-1/3rd span
- Correct Answer:- Option-C

Question17:-It is an optical instrument used to establish or verify points in the same horizontal plane during levelling and surveying:

- A:-Level
  - B:-Theodolite
  - C:-Levelling Staff
  - D:-Tape measure
- Correct Answer:- Option-A

Question18:-Which of these is not a mechanical treatment of Iron/

- A:-Drawing
- B:-Forging

C:-Tempering

D:-Rolling

Correct Answer:- Option-C

Question19:-The pile that is suited for marine structures:

A:-Franki Pile

B:-Disc Pile

C:-Screw Pile

D:-Bored Pile

Correct Answer:- Option-B

Question20:-A measure of total heat flow through a window or door from inside to outside air is called:

A:-Transmittance

B:-R-Value

C:-Absorption

D:-U-Factor

Correct Answer:- Option-D

Question21:-A window above a window or door is called:

A:-Sash

B:-Stile

C:-Transom

D:-Rabbet

Correct Answer:- Option-C

Question22:-Alhambra palace in Granada, Spain is an example of which style of architecture?

A:-Moorish Architecture

B:-Persian Architecture

C:-Sasanian Architecture

D:-Venetian Architecture

Correct Answer:- Option-A

Question23:-Closed pillared halls found in Dravidian temples are called:

A:-Navaranga

B:-Mahamantapa

C:-Rangamantapa

D:-Kalyanamantapa

Correct Answer:- Option-C

Question24:-Which among these was not built during the slave dynasty?

A:-Quwwat-ul-Islam Mosque

B:-Qutb Minar

C:-Alai Darwaza

D:-Buland Darwaza

Correct Answer:- Option-D

Question25:-The combined effect of radiation, air temperature and air velocity is assessed by:

A:-Globe Thermometer

B:-Spiral Thermometer

C:-Helix Thermometer

D:-Resistance Thermometer

Correct Answer:- Option-A

Question26:-Minimum thickness required for a RCC slab to have a half hour fire rating according to NBC part-IV is:

A:-75 mm

B:-85 mm

C:-95 mm

D:-105 mm

Correct Answer:- Option-A

Question27:-Author of the book - A Pattern language is:

A:-Le Corbusier

B:-Christopher Alexander

C:-Robert Venturi

D:-Rem Koolhaas

Correct Answer:- Option-B

Question28:-Hierarchical arrangement of individuals into social classes, castes and divisions within a society is called:

A:-Social Classification

- B:-Social Grouping
- C:-Social Structuring
- D:-Social Stratification

Correct Answer:- Option-D

Question29:-The substances added to the plastic compound to improve the material property of the plastic:

- A:-Plasticizers
- B:-Fillers
- C:-Resins
- D:-Polymers

Correct Answer:- Option-A

Question30:-A cylinder or hollow box sunk into the ground to facilitate the foundation work for bridge piers:

- A:-Caisson
- B:-Grillage
- C:-Well foundation
- D:-Coffer dam

Correct Answer:- Option-A

Question31:-A cage or box filled with rocks, concrete or soil for use in road building and landscaping:

- A:-Retaining Wall
- B:-Folley
- C:-Gabion wall
- D:-Kerb

Correct Answer:- Option-C

Question32:-Auditorium Building, Wainwright Building and Reliance Building are example of:

- A:-De Stijl
- B:-Expressionism
- C:-Art Deco
- D:-Chicago Style

Correct Answer:- Option-D

Question33:-The scheduling technique of construction management, in which the whole project is divided into major groups and subdivided into tasks and sub tasks, is called:

- A:-Gantt Chart
- B:-Work Break Down
- C:-Mile stone chart
- D:-Line of Balance

Correct Answer:- Option-B

Question34:-The religious precinct of the ancient city of Ur:

- A:-Tell
- B:-Ziggurat
- C:-Temenos
- D:-Cenote

Correct Answer:- Option-C

Question35:-The miniature turrets in the Shikara of Khajuraho temples are called:

- A:-Mandovara
- B:-Kharasila
- C:-Chandrasila
- D:-Urusinga

Correct Answer:- Option-D

Question36:-The large rock cut temple, Kailasanatha is located in:

- A:-Ajantha
- B:-Badami
- C:-Ellora
- D:-Pattadakkal

Correct Answer:- Option-C

Question37:-In Orissan temple architecture of Indo Aryan style, Jagamohan means:

- A:-The Sanctum
- B:-The Pillared Hall
- C:-The Dance Hall
- D:-The Vestibule

Correct Answer:- Option-B

Question38:-Aranya housing project of Indore was designed by:

- A:-B V Doshi
  - B:-Charles Correa
  - C:-Hafeez Contractor
  - D:-Achyut Kanvinde
- Correct Answer:- Option-A

Question39:-The dome of Florence cathedral built during 1420-34, was designed by:

- A:-Filipo Brunelleschi
  - B:-Leon Batista Alberti
  - C:-Giuliano da Sangallo
  - D:-Giacomo da Vignola
- Correct Answer:- Option-A

Question40:-The Dutch art and architecture movement which propagated the idea of using verticals, horizontals and primary colours with black and white for compositions:

- A:-Art Nouveau
  - B:-Expressionism
  - C:-Neoplasticism
  - D:-Constructivism
- Correct Answer:- Option-C

Question41:-This particular command in Auto CAD allows one to create copies of objects arranged in regular pattern:

- A:-Hatch
  - B:-Block
  - C:-Arrange
  - D:-Array
- Correct Answer:- Option-D

Question42:-Perspective Plan is prepared by the Department of Town Planning for a :

- A:-State
  - B:-District
  - C:-Municipal Corporation
  - D:-Local Area
- Correct Answer:- Option-A

Question43:-A gallery formed by a colonnade open on one or more sides, usually on upper floor of a building is called a:

- A:-Balcony
  - B:-Loggia
  - C:-Patio
  - D:-Porch
- Correct Answer:- Option-B

Question44:-Which was the first iron bridge built?

- A:-Vizkaya Bridge
  - B:-Cliffon Bridge
  - C:-Brooklyn Bridge
  - D:-Coalbrookdale Bridge
- Correct Answer:- Option-D

Question45:-Which one of these architects was influenced by cubism?

- A:-Louis Sullivan
  - B:-Marcel Bruer
  - C:-Walter Gropius
  - D:-Le Corbusier
- Correct Answer:- Option-D

Question46:-Minimum width of footpath to be provided in mixed use area according to URDPFI guidelines is:

- A:-1.2 m
  - B:-1.5 m
  - C:-1.8 m
  - D:-2.0 m
- Correct Answer:- Option-C

Question47:-The concept of linear city was proposed by:

- A:-Ian Mc Harg
- B:-Soria Y Mata
- C:-Patrick Geddes

D:-C A Doxiadis

Correct Answer:- Option-B

Question48:-An ancient city planned by Hippodamus:

A:-Miletus

B:-Athens

C:-Sparta

D:-Olynthus

Correct Answer:- Option-A

Question49:-CRZ III A for densely populated rural area reduced the No Development Zone from 200 m to:

A:-150 m

B:-100 m

C:-50 m

D:-20 m

Correct Answer:- Option-C

Question50:-Pritzker Architecture prize for 2019 was won by:

A:-B V Doshi

B:-Arata Isozaki

C:-Freii Otto

D:-Shigeru Ban

Correct Answer:- Option-B

Question51:-Identify the renewable energy commonly sourced at residence level:

A:-Solar

B:-Wind

C:-Tidal

D:-Geo Thermal

Correct Answer:- Option-A

Question52:-According to NBC Part-IV the width of entry for fire fighting vehicle into a premise shall not be less than:

A:-3.0 m

B:-4.5 m

C:-6.0 m

D:-7.5 m

Correct Answer:- Option-B

Question53:-The clear width of entrance and exit to be provided for a wheel chair user is:

A:-800 mm

B:-900 mm

C:-1000 mm

D:-1100 mm

Correct Answer:- Option-B

Question54:-Common name for Lagerstreomia Speciosa:

A:-Singapore Cherry

B:-Champa

C:-Shivani

D:-Pride of India

Correct Answer:- Option-D

Question55:-Clarence Perry (1929) defined the radius of a neighbourhood to be:

A:-1/4 Mile

B:-1/2 Mile

C:-3/4 Mile

D:-1 mile

Correct Answer:- Option-A

Question56:-The supernatant liquid discharge from a septic tank is called

A:-Scum

B:-Sludge

C:-Effluent

D:-Surface water

Correct Answer:- Option-C

Question57:-The maximum height of parapet stipulated in KMBR is:

A:-75 cm

B:-90 cm

C:-120 cm

D:-135 cm

Correct Answer:- Option-C

Question58:-Which among these materials is not used for filtering water in Rainwater harvesting system?

A:-Sand

B:-Filter paper

C:-Gravel

D:-Charcoal

Correct Answer:- Option-B

Question59:-What is the maximum size of the coarse aggregate used in RCC?

A:-10 mm

B:-15 mm

C:-20 mm

D:-25 mm

Correct Answer:- Option-C

Question60:-Buckling occurs in columns due to the action of:

A:-Tension

B:-Axial-compression force

C:-Shear force

D:-Lateral force

Correct Answer:- Option-B

Question61:-What is the ampere of the switch that is required to fit a 1.5 ton air conditioner?

A:-5 A

B:-10 A

C:-15 A

D:-20 A

Correct Answer:- Option-D

Question62:-Earthquake generated agitation when transmitted to a structure is called

A:-Seismic Hazard

B:-Seismic Loading

C:-Geo technical Hazard

D:-Geo technical Loading

Correct Answer:- Option-B

Question63:-The practice of clipping trees and shrubs into ornamental shapes:

A:-Topiary

B:-Shrubbery

C:-Parterre

D:-Hedge

Correct Answer:- Option-A

Question64:-The sum of all the energy required to produce any goods or services:

A:-Essential Energy

B:-Carrying Capacity

C:-Embodied Energy

D:-Latent Energy

Correct Answer:- Option-C

Question65:-A triangular space, formed in pairs, between the top of an arch and a rectangular frame:

A:-Trifoil

B:-Triforium

C:-Squinch

D:-Spandrel

Correct Answer:- Option-D

Question66:-The semi-basement storage room found below the ara in traditional Kerala house:

A:-Kalavara

B:-Nilavara

C:-Pattayapura

D:-Nellara

Correct Answer:- Option-B

Question67:-The optimum reverberation time for speech is \_\_\_\_\_ second / seconds:

A:-1.0

B:-1.2

C:-1.5

D:-2.0

Correct Answer:- Option-A

Question68:-Isopleths are lines representing equal

A:-Rainfall

B:-Humidity

C:-Temperature

D:-Wind

Correct Answer:- Option-C

Question69:-The shear walls are provided in tall buildings to with stand:

A:-Dead load

B:-Lateral load

C:-Tangent load

D:-Live load

Correct Answer:- Option-B

Question70:-The aggregate mix ratio of M 15 concrete is:

A:-1:1.5:3

B:-1:2:4

C:-1:3:6

D:-1:4:8

Correct Answer:- Option-B

Question71:-The architect of Asian games village, New Delhi is:

A:-B V Doshi

B:-Achyut Kanvinde

C:-Charles Correa

D:-Raj Rewal

Correct Answer:- Option-D

Question72:-An example of herb is

A:-Sun Flower

B:-Jasmine

C:-Hibiscus

D:-Lantana

Correct Answer:- Option-A

Question73:-A niche in the mosque indicating the direction of the prayer / qibla:

A:-Minber

B:-Mihrab

C:-Muezzin

D:-Minaret

Correct Answer:- Option-B

Question74:-The Greek column with volutes in the capital is called:

A:-Doric

B:-Ionic

C:-Corinthian

D:-Composite

Correct Answer:- Option-B

Question75:-The urban open space in Roman cities:

A:-Plaza

B:-Agora

C:-Forum

D:-Square

Correct Answer:- Option-C

Question76:-Manduka vastu purusha mandala has \_\_\_\_\_ number of squares

A:-49

B:-64

C:-81

D:-100

Correct Answer:- Option-B

Question77:-Identify the wetland which is not a part of Ramsar site.



- A:-Ashtamudi wetlands
  - B:-Sasthamkotta Lake
  - C:-Aakulam Lake
  - D:-Vembanad-Kol wetland
- Correct Answer:- Option-C

Question78:-As per Bureau of Indian Standards the minimum water supply per capita per day is:

- A:-130 litres
- B:-150 litres
- C:-180 litres
- D:-200 litres

Correct Answer:- Option-D

Question79:-The trap provided outside the building before connecting to the public sewerage line:

- A:-Gully trap
- B:-Nahni trap
- C:-Intercepting trap
- D:-Bottle trap

Correct Answer:- Option-A

Question80:-The instrument used to model the shadow formed on the building based on the location and sun path in that location:

- A:-Heliograph
- B:-Pyrometer
- C:-Heliodon
- D:-Bolometer

Correct Answer:- Option-C

Question81:-The red series of the modular man developed by Le Corbusier is based on the height of the:

- A:-Hip
- B:-Navel
- C:-Shoulder
- D:-Man

Correct Answer:- Option-B

Question82:-Who developed Ekistics the science of human settlements?

- A:-C A Doxiadis
- B:-Patrick Geddes
- C:-Ebenezer Howard
- D:-Lewis Mumford

Correct Answer:- Option-A

Question83:-The non binding action plan of UN made as an outcome of Earth summit of Rio in 1992 is called:

- A:-Article 21
- B:-Agenda 19
- C:-Article 19
- D:-Agenda 21

Correct Answer:- Option-D

Question84:-The primary concept of work triangle in a kitchen is based on:

- A:-Privacy
- B:-Proximity
- C:-Hygiene
- D:-Safety

Correct Answer:- Option-B

Question85:-The unit of loudness is

- A:-Phon
- B:-Hertz
- C:-Sone
- D:-Decibel

Correct Answer:- Option-C

Question86:-The minimum scale in which the Site plan should be drawn and submitted along with the application for building permit according to KMBR:

- A:-1:200
- B:-1:400
- C:-1:500

D:-1:800

Correct Answer:- Option-B

Question87:-Which of the following buildings is not designed by Frank Gehry?

A:-Hearst Tower

B:-Dancing House

C:-Guggenheim Museum

D:-Walt Disney Concert Hall

Correct Answer:- Option-A

Question88:-The method of vegetative propagation in which a part of the parent plant is made to root and then severed is called:

A:-Budding

B:-Grafting

C:-Layering

D:-Cutting

Correct Answer:- Option-C

Question89:-In KMBR, for buildings up to the height of 7 metres, the depth of side yard on one side may be reduced to

A:-50 cm

B:-75 cm

C:-80 cm

D:-90 cm

Correct Answer:- Option-B

Question90:-The first LEED rated building in India was Sohrabji Godrej Green Business Centre designed by architect:

A:-Karan Grover

B:-Hafeez Contractor

C:-Brinda Somaya

D:-Aamir Sharma

Correct Answer:- Option-A

Question91:-Bara Gumbad is situated in

A:-Purana Qila

B:-Agra

C:-Kalindi Kunj

D:-Lodhi Gatrden

Correct Answer:- Option-D

Question92:-Alhambra, Granada is an example of which style of architecture?

A:-Victorian

B:-Moorish

C:-Byzantine

D:-Romanesque

Correct Answer:- Option-B

Question93:-The direct stiffness method of calculating the loads and stresses in a structure is also called:

A:-Finite element method

B:-Ultimate stress method

C:-Stress strain curve method

D:-Poisson's method

Correct Answer:- Option-A

Question94:-The No Development Zone stipulated by CRZ rule for all islands is:

A:-10 m

B:-15 m

C:-20 m

D:-25 m

Correct Answer:- Option-C

Question95:-The architectural style of the Chhatrapati Shivaji Terminus, Mumbai is:

A:-Colonial

B:-Indo-Saracenic

C:-Neo Classicism

D:-Mudejar

Correct Answer:- Option-B

Question96:-The windows provided above the eye level are called:

A:-Clerestory

B:-Casement

C:-Transom

D:-Picture

Correct Answer:- Option-A

Question97:-The term associated with Urban Design is:

A:-Fore-Ground

B:-Figure-Ground

C:-Entablature

D:-Basement

Correct Answer:- Option-B

Question98:-A covering by leaves and wood chips placed around the plants to prevent the growth of weeds is called

A:-Screed

B:-Joint

C:-Mulch

D:-Topiary

Correct Answer:- Option-C

Question99:-The wall made with an external layer of glass and a high heat capacity internal layer separated by a layer of air is called:

A:-Diaphram

B:-Gabion

C:-Trombe

D:-In fill

Correct Answer:- Option-C

Question100:-The type of masonry in which each stone is made to look prominent is called:

A:-Ashlar

B:-Random

C:-Coarse

D:-Rustication

Correct Answer:- Option-D