

## FINAL ANSWER KEY

Question 14/2025/OL

Paper Code:

Category 002/2024

Code:

Exam: Head of Section in Architecture

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Department Technical Education Govt Polytechnics

Question1:-Which of the following is correct?

In Greek Doric Order, the column height is

A:-7 times that of the diameter of the column

B:-8 times that of the diameter of the column

C:-8.5 times that of the diameter of the column

D:-9 times that of the diameter of the column

Correct Answer:- Option-B

Question2:-Which of the following is correct?

The classical Golden Ratio is

A:-1:1.68103

B:-1:1.60183

C:-1:1.68013

D:-1:1.61803

Correct Answer:- Option-D

Question3:-Which of the following is in correct order?

A:-Classical → Byzantine → Gothic → Romanesque

B:-Byzantine → Romanesque → Gothic → Classical

C:-Classical → Byzantine → Romanesque → Gothic

D:-Gothic → Classical → Romanesque → Byzantine

Correct Answer:- Option-C

Question4:-Which of the following is not a 'design model'?

A:-The study model

B:-The utopian model

C:-The commercial model

D:-The classical model

Correct Answer:- Option-A

Question5:-Which of the following is correct?

'Broken Pediment' is

A:-a damaged pediment

B:-a semi-circular pediment over two columns

C:-a triangular ridged pediment on the roof

D:-a pediment whose sides terminate before reaching the apex point

Correct Answer:- Option-D

Question6:-Which of the following is correct?

In the 'Rule of Thirds', the subject should be composed within

A:-1/3rd of the visual frame

B:-2/3rd of the visual frame

C:-3/4th of the visual frame

D:-in the middle

Correct Answer:- Option-A

Question7:-Which is not recognized as a component of Gestalt theory of visual perception?

A:-Figure/ground

B:-Asymmetry

C:-Proximity

D:-Enclosure

Correct Answer:- Option-B

Question8:-Which of the following is correct?

The components of intuitive aesthetic perception are

A:-a sense of rhythm, rhyme, pattern, balance and harmony

B:-a mental organization for searching excitement

C:-a mental mapping of architectural techniques

D:-the ability to understand the effect of colour in architecture

Correct Answer:- Option-A

Question9:-Which of the following is correct?

When a room has only one opening at windward side

A:-there is ventilation @ 10% of the outdoor velocity

B:-there is very good ventilation

C:-there is cross ventilation

D:-there is no ventilation at all

Correct Answer:- Option-A

Question10:-Which shape of plan of a building is less vulnerable for damage during earthquake?

A:-Y shape

B:-H shape

C:-Z shape

D:-Straight-line shape

Correct Answer:- Option-D

Question11:-Which of the following is correct?

A void in the wall of a very old building should be filled

A:-by dismantling the damaged portion and constructing the portion a new

B:-by stitching the damage portion of the wall

C:-by inserting polymer substance through grouting

D:-by inserting concrete in it through a big hole cutting the wall

Correct Answer:- Option-C

Question12:-Which of the following is correct?

A 'Stupa' is a

A:-Gateway in Sanchi

B:-Hindu victory dome

C:-Buddhist memorial mound

D:-A domical Buddhist prayer hall

Correct Answer:- Option-C

Question13:-Which of the following is correct?

Culture is

(i) a particular habit of an individual and a group of human beings.

(ii) a way of life constantly evolving and adapting to circumstances as necessary.

(iii) a creative expression, skills and traditional knowledge of people.

A:-Only i and ii

B:-Only i and iii

C:-Only ii and iii

D:-All of the above i, ii and iii

Correct Answer:- Option-D

Question14:-Which statement is incorrect?

A:-It is politically difficult to prioritise global environmental problems

B:-Urban redevelopment in an area does not demand more energy and transportation

C:-Improving depressed neighbourhoods can have positive environmental impacts

D:-Poverty creates deterioration of the built environment

Correct Answer:- Option-B

Question15:-Which one of the following is not a cause for depletion of Ozone layer?

A:-Carbon dioxide

B:-Chlorofluorocarbon

C:-Halon

D:-Hydro chlorofluorocarbon

Correct Answer:- Option-A

Question16:-Match the ancient river valley civilization in Group-I with the appropriate river in Group-II.

Group-I

- P. Egyptian Civilization
- Q. Sumerian Civilization
- R. Harappan Civilization
- S. Huang He Civilization

Group-II

- 1. Indus River
- 2. Yellow River
- 3. Nile River
- 4. Tigris and Euphrates River

A:-P-3, Q-4, R-1, S-2

B:-P-1, Q-3, R-2, S-4

C:-P-3, Q-2, R-4, S-1

D:-P-4, Q-1, R-3, S-2

Correct Answer:- Option-A

Question17:-Buddhist architecture in India mainly consists of structures catering to the religious prayers by monastic orders and worship by lay community. Which of the following is not such an example?

A:-Viharas

B:-Chaitya halls

C:-Stupas

D:-Jagamohan

Correct Answer:- Option-D

Question18:-Earliest temples of Chalukya School are located at which of the following places?

A:-Mahabalipuram and Kanchipuram

B:-Aihole and Badami

C:-Somanathapur and Hampi

D:-Madurai and Srirangam

Correct Answer:- Option-B

Question19:-Notre Dame in Paris and Lincoln Cathedral in England are examples of which style of architecture?

A:-Byzantine

B:-Gothic

C:-Early Christian

D:-Romanesque

Correct Answer:- Option-B

Question20:-Match the School of Temple Construction in Group-I with the temple in Group-II

Group-I

P. Chandelas

Group-II

1. Lingaraja Temple

- Q. Kalinga  
R. Vijayanagara  
S. Pandya
2. Vittala Temple  
3. Minakshi Sundareswara Temple  
4. Kandariya Mahadeo Temple

A:-P-1, Q-2, R-3, S-4

B:-P-4, Q-3, R-2, S-1

C:-P-2, Q-4, R-1, S-3

D:-P-4, Q-1, R-2, S-3

Correct Answer:- Option-D

Question21:-Who is the author of the influential publication 'The Four Books on Architecture' published in 16th century with detailed illustrations and plans which made it possible to build in the Renaissance style all over Europe?

A:-Andrea Palladio

B:-Brunelleschi

C:-Michelangelo

D:-Leonardo da Vinci

Correct Answer:- Option-A

Question22:-The imposing triumphal gateway which is an example of Mughal architecture and located at Fatehpur Sikri is known as

A:-Alai Darwaza

B:-Buland Darwaza

C:-Teen Darwaza

D:-Rumi Darwaza

Correct Answer:- Option-B

Question23:-Which large structure of iron and glass, the earliest powerful symbol of industrial revolution, was constructed in a very short time making it the first large scale demonstration of prefabrication?

A:-Galerie des Machines

B:-Victoria Station

C:-Crystal Palace

D:-Eiffel Tower

Correct Answer:- Option-C

Question24:-Match the Architect who designed the building in Group I with their notable work in Group-II

Group I

P. Cesar Pelli

Q. Eero Saarinen

R. Mies van der Rohe

S. Alvar Alto

Group II

1. Dulles International Airport

2. Saynatsalo Town Hall

3. Petronas Towers

4. Seagram Building

A:-P-1, Q-2, R-3, S-4

B:-P-4, Q-3, R-2, S-1

C:-P-3, Q-1, R-4, S-2

D:-P-2, Q-4, R-1, S-3

Correct Answer:- Option-C

Question25:-Architectural projects designed by Architect Laurie Baker are based on a set of principles. The design principles include which of the following?

P. Use of energy intensive construction.

Q. Cost-reduction in building design

R. Use of grid of columns instead of load bearing walls.

S. Use of locally available building materials and methods.

T. Use of roof gardens and sophisticated systems.

U. Use of local craftsmen and labor.

A:-P, R, S

B:-P, Q, T

C:-Q, R, T

D:-Q, S, U

Correct Answer:- Option-D

Question26:-In Kerala, the basic unit of traditional home is called

A:-Dwiśāla

B:-Ekaśāla

C:-Triśāla

D:-Catuśśāla

Correct Answer:- Option-B

Question27:-Total number of floors permitted in a building is a factor of

A:-Floor space index

B:-Owner's requirements

C:-Mandatory open space

D:-Coverage and floor space index

Correct Answer:- Option-D

Question28:-Among the following professionals who are eligible to use the term "Architect".

A:-A person registered with the Council of Architecture

B:-A person having a degree in architecture or engineering

C:-A person designs and constructs buildings and facilities

D:-All the above

Correct Answer:- Option-A

Question29:-In India, under which of the given circumstances a construction contract is considered void and unenforceable?

A:-If the contract sum is very low

- B:-If the specification is vague
- C:-One of the parties is a minor
- D:-All the above

Correct Answer:- Option-C

Question30:-Which of the following statements is not true?  
"GRIHA is an agency that \_\_\_\_\_"

- A:-Designs and constructs green buildings
- B:-Ranks and certifies green buildings
- C:-Gives training to green building professionals
- D:-Certifies green building professionals

Correct Answer:- Option-A

Question31:-Which of the following is FALSE for Critical Path in a network?

- A:-Change in duration of critical activities does not affect the duration of entire project
- B:-It is the longest Path in the network
- C:-The sum of duration of critical activities along the critical path determines the project duration
- D:-It is possible to have more than one critical paths in a network

Correct Answer:- Option-A

Question32:-Which of the following is NOT a Project Planning, Scheduling and Controlling technique?

- A:-Project Evaluation and Review Technique (PERT)
- B:-Gantt Chart
- C:-Pie Chart
- D:-Critical Path Method (CPM)

Correct Answer:- Option-C

Question33:-A traditional wall made with sun-dried mud blocks is called

- A:-Wattle and Daub Wall
- B:-Cob Wall
- C:-Rammed Earth Wall
- D:-Adobe wall

Correct Answer:- Option-D

Question34:-Which of the following properties are related to an Energy Efficient Window?

- (i) Solar Heat Gain Coefficient (SHGC)
- (ii) Visible Light Transmittance (VLT)
- (iii) Variable Air Volume (VAV)
- (iv) Coefficient of Performance (COP)

A:-Only i and iii

B:-Only ii and iv

C:-Only i, ii and iii

D:-Only i and ii

Correct Answer:- Option-D

Question35:-Which climatic zone in India has the LEAST geographical area as per the National Building Code 2016?

A:-Composite

B:-Temperate

C:-Hot-Dry

D:-Warm-Humid

Correct Answer:- Option-B

Question36:-Which parameters are required to calculate Round Trip Time (RTT) for lifts?

(i) Number of floors

(ii) Average number of passengers carried

(iii) Envelope Performance Factor (EPF)

(iv) Door operating time

A:-Only i and iii

B:-Only i, ii and iii

C:-Only iii

D:-Only i, ii and iv

Correct Answer:- Option-D

Question37:-Which building type/space should have the LOWEST acceptable indoor noise level as per the National Building Code 2016?

A:-Court Rooms

B:-Restaurants

C:-Hospitals

D:-Banks

Correct Answer:- Option-C

Question38:-The quantities of which items of work are estimated in sq.m. or sq.ft?

(i) Damp Proof Course (DPC)

(ii) Lime concrete in foundation

(iii) Plastering

(iv) Reinforcement

A:-Only i and iii

B:-Only ii and iii

C:-Only i and iv

D:-All of the above

Correct Answer:- Option-A



Question39:-In which type of contract, a fixed sum is quoted by contractor for execution of complete work?

- A:-Percentage Rate Contract
- B:-Lump Sum Contract
- C:-Item Rate Contract
- D:-Cost plus percentage rate contract

Correct Answer:- Option-B

Question40:-The estimated value of a built-up property at the end of its useful life without being dismantled is called

- A:-Scarp Value
- B:-Book Value
- C:-Salvage Value
- D:-None of the above

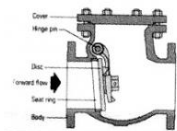
Correct Answer:- Option-C

Question41:-The fire demand for water supply of a city may be worked out by

- A:-Kuichling's formula
- B:-Freeman formula
- C:-Bustan's formula
- D:-All the above

Correct Answer:- Option-D

Question42:-To prevent flow in wrong direction, valve of the type shown in figure is used. What is this valve called?



- A:-Seat valve
- B:-Butterfly valve
- C:-Check valve
- D:-Globe valve

Correct Answer:- Option-C

Question43:-What is NOT true about bell-type cistern?

- A:-It is operated by a chain
- B:-Siphonic action is created in this system
- C:-It is very quiet system
- D:-When the chain is pulled, a bell is lifted

Correct Answer:- Option-C

Question44:-Waste which is highly hazardous and may have mutagenic, teratogenic and carcinogenic properties are:

A:-Genotoxic Waste

B:-Hospital Waste

C:-Pathological Waste

D:-All the above

Correct Answer:- Option-A

Question45:-Raft foundations are used for :

A:-Providing increased area of foundation over poor bearing capacity of soil

B:-Spanning over small soft or loose pockets

C:-Counter acting the hydrostatic effect

D:-All the above options

Correct Answer:- Option-D

Question46:-'Ecological footprint' corresponds to

A:-the land area required to preserve as forests to ensure sufficient levels of oxygen for a community

B:-the land area necessary to supply natural resources to a community and disposal of its wastes

C:-the land area requires to take care of solid wastes and sewerage of a community

D:-the land area per person per year, from which forests are cut

Correct Answer:- Option-B

Question47:-Report of the World Commission on Environment and Development, 1987 is titled :

A:-Our Common Future

B:-Our Sustainable Future

C:-Our Sustainable Development

D:-None of the above

Correct Answer:- Option-A

Question48:-Which of the following is a Green Infrastructure?

A:-Green Roof

B:-Vertical Garden

C:-Urban farming

D:-All of the above

Correct Answer:- Option-D

Question49:-The maximum score of City Biodiversity Index 2020 is

A:-92

B:-100

C:-112

D:-120

Correct Answer:- Option-C

Question50:-The NBSAP/LBSAP is concerned with

A:-conservation of wetlands and Ramsar sites

B:-conservation of biological species

C:-action plan for promoting urban agriculture

D:-strategies for urban rain water harvesting

Correct Answer:- Option-B

Question51:-Options of local disposal of stormwater for its efficient management include

A:-Rain gardens, swales, soakways

B:-Rain gardens, detention ponds, underground tanks

C:-Rooftop ponding, waterbodies

D:-All of the above

Correct Answer:- Option-A

Question52:-What are the stages of Environmental Clearance as per EIA Notification 2006?

A:-Preparation of EIA, Presentation to Authority, Appraisal

B:-Presentation of EIA to the Central/State Govt, Appraisal, Clearance

C:-Screening, Scoping, Public Consultation, Appraisal

D:-None of the above

Correct Answer:- Option-C

Question53:-When assessing impacts on biodiversity, which of the following must be considered

A:-Impact on species composition

B:-Impact on population dynamics and ecosystem structure

C:-Impact on key ecosystem processes and functions

D:-All of the above

Correct Answer:- Option-D

Question54:-The amount of rainwater in  $m^3$  that can be harvested from a building with roof top area of  $1500 m^2$ , paved area  $750 m^2$ , and open area of  $1000 m^2$  and where the annual average rainfall is 700 mm and the runoff coefficients are (Roof top : 0.85, Paved Area : 0.70, Open Area : 0.15) is

A:-136.5  $m^3$

B:-1365  $m^3$

C:-13650  $m^3$

D:-13.65 m<sup>3</sup>

Correct Answer:- Option-B

Question55:-Which of the following plants is not a tree?

A:-Palm

B:-Cane

C:-Brushwood

D:-Bamboo

Correct Answer:- Option-D

Question56:-Convert the 1 : 3.5 gradient in percentage slope

A:-25.5%

B:-28.57%

C:-28%

D:-16%

Correct Answer:- Option-B

Question57:-Which one of the following is NOT an ecologically sensitive zone as per NBC 2016?

A:-City forests

B:-Greenways/Nature corridors

C:-Wetlands, islands, river floodplains

D:-Sacred groves

Correct Answer:- Option-D

Question58:-The maximum Lighting Power Density for Landscaped areas, including individual house courtyards, terraces is

A:-2.15 W/m<sup>2</sup>

B:-2.51 W/m<sup>2</sup>

C:-1.25 W/m<sup>2</sup>

D:-1.52 W/m<sup>2</sup>

Correct Answer:- Option-A

Question59:-'Cut-and-fill' lines are mostly used in

A:-Land use planning

B:-Interpretation of stereo-vision photographs

C:-Earthwork Computation

D:-Interpretation of remotely sensed images

Correct Answer:- Option-C

Question60:-The area requirement for Housing area park under the URDPFI 'Organised Green for Plain areas' norm is

A:-5 Ha

B:-0.5 Ha

C:-50 Ha

D:-0.05 Ha

Correct Answer:- Option-B

Question61:-What would be the path of the Sun in Australia?

A:-East-South-West

B:-East-North-West

C:-West-South-East

D:-West-North-East

Correct Answer:- Option-B

Question62:-The primary benefit of a well-thought out shading device is

A:-Improve Ventilation

B:-Increase Day Light

C:-Minimize Solar Heat Gain

D:-Maximize Solar Heat Gain

Correct Answer:- Option-C

Question63:-Which of them does not influence the Climatic factors at a Global Scale?

A:-Trade winds

B:-Movement of the Earth

C:-Urban Heat Island Effect

D:-Land and Sea Breeze

Correct Answer:- Option-C

Question64:-Which of the following explains the best relation between pitch and frequency?

A:-Frequency and Pitch have no relation

B:-High Frequency would mean low Pitch

C:-High Frequency would mean high Pitch

D:-Frequency is equal to Pitch

Correct Answer:- Option-C

Question65:-Which is the largest contributor of Green House Gas Emissions?

A:-Transport

B:-Agriculture

C:-Manufacturing

D:-Electricity and Heat Production

Correct Answer:- Option-D

Question66:-Which of the following gives a direct indication of evaporation potential?

A:-Absolute Humidity

B:-Saturation Point Humidity

C:-Relative Humidity

D:-Specific humidity

Correct Answer:- Option-C

Question67:-The phenomenon of 'temperature inversion' happens when

A:-Air temperature decreases with increasing height from the ground

B:-Air temperature remains stable with increasing height from the ground

C:-Air temperature increases with increasing height from the ground

D:-None of the above

Correct Answer:- Option-C

Question68:-Which of the following condition(s) is/are applicable to Adaptive Thermal Comfort Model

A:-It is suitable for naturally ventilated buildings

B:-It is suitable for buildings in warm climate zone

C:-It includes wider comfort range

D:-All of the above

Correct Answer:- Option-D

Question69:-Which of the following materials has the highest U-value?

A:-Concrete

B:-Steel

C:-Brick

D:-Earth

Correct Answer:- Option-B

Question70:-Which of the following statements best describes the concepts of 'time lag' and 'decrement factor' in building materials?

A:-Time lag refers to the time taken for heat to travel through a material, while decrement factor indicates the reduction in temperature amplitude as heat passes through

B:-Time lag is the time required for a building to cool down at night, while decrement factor is the rate at which a material absorbs heat

C:-Time lag is the delay in heat conduction due to insulation, while decrement factor is the ratio of heat absorbed to heat emitted

D:-Time lag and decrement factor are only relevant for lightweight materials like glass and steel

Correct Answer:- Option-A

Question71:-The 'Vertical Shadow Angle (VSA)' is important for designing which type of shading device?

A:-Overhangs that shade windows from overhead sunlight

B:-Vertical fins that block sunlight from the sides

C:-Louvers that allow ventilation but block glare

D:-Reflective glass coatings to reduce solar heat gain

Correct Answer:- Option-A

Question72:-As per experiments by 'Givoni' it has been established that wind incident at 45 degrees to a building

A:-would increase the average indoor velocity

B:-would decrease the average indoor velocity

C:-would have no impact on average indoor velocity

D:-None of the above

Correct Answer:- Option-A

Question73:-Which of the following is the primary metric used to assess the quality of daylight in a room or building?

A:-Daylight Factor (DF)

B:-Solar Heat Gain Coefficient (SHGC)

C:-Visible Light Transmission (VLT)

D:-Coefficient of Performance (COP)

Correct Answer:- Option-A

Question74:-In designing an office space, you want to ensure that the desk areas receive adequate light. Which measurement would you focus on to determine how much light is falling on the desk surface?

A:-Luminance

B:-Illuminance

C:-Luminous flux

D:-Contrast ratio

Correct Answer:- Option-B

Question75:-A building's energy efficiency is being assessed over a 50-year period, considering energy usage during occupancy and the sustainability of the materials used. What kind of analysis is the project manager conducting?

A:-Cost-benefit analysis

B:-Life Cycle Assessment (LCA)

C:-Structural analysis

D:-Energy modeling

Correct Answer:- Option-B

Question76:-Which of the following statement is/are correct about Atal Mission for

Rejuvenation and Urban Transformation 2.0 (AMRUT 2.0)?

(i) ULBs will submit detailed City Water Balance Plans (CWBPs) and City Water Action Plans

(CWAPs) through online portal covering proposed projects in the thrust areas.

(ii) Information Education and Communication (IEC) including Behaviour Change Communication under AMRUT 2.0 is envisaged as a key strategy

(iii) While formulating the projects under AMRUT 2.0, it should be ensured that households of

informal settlements and low-income groups are duly considered

(iv) All admissible projects under AMRUT 2.0 would have at least two-year Operation and

Maintenance for infrastructure, which may be duly incorporated through the tender process

A:-Only (ii & iii)

B:-Only (i, ii & iii)

C:-Only (iii & iv)

D:-All of the above (i, ii, iii & iv)

Correct Answer:- Option-B

Question77:-Which one of following pairs with respect to human settlements (Basis of Classification - Kind/Category of settlement) is most correctly matched?

A:-Physiographic setting - Lacustrine settlement

B:-Shape of settlement - Farmstead

C:-Occupation of settlers - Hamleted settlements

D:-Spatial distance between dwellings and hamlets - Agriculture settlements

Correct Answer:- Option-A

Question78:-Consider the following statements with reference to the Slum Areas and select the correct answer :

(i) The Slum Areas (improvement and Clearance) Act, 1966 extends to all Union territories

except the Union territories of only the Andaman and Nicobar Islands

(ii) Every person having any interest in any land acquired under this Act shall not be entitled

to receive from the Central Government compensation as provided hereafter in this Act

A:-Only (i)

B:-Only (ii)

C:-Both (i & ii)

D:-Neither (i nor ii)

Correct Answer:- Option-D

Question79:-Consider the following statements with reference to Jawaharlal Nehru Urban Renewal Mission (JNNURM) and select the correct answer :

(i) JNNURM was launched as an attempt to narrow down the investment gaps in urban



infrastructure

- (ii) The Mission introduced a set of 23 reforms which were further classified into 13 mandatory and 10 optional reforms
- (iii) Reform of Rent Control Laws balancing the interests of landlords and tenants is an

optional reform under JNNURM

A:-Only (i & ii)

B:-Only (ii & iii)

C:-Only (i & iii)

D:-All of the above (i, ii & iii)

Correct Answer:- Option-A

Question80:-In which of the following Five Year Plan, for the first time, the government decided to encourage private and co-operative housing schemes by providing financial assistance and also recognized the need to provide housing finance to low-income groups and accordingly set up the Housing and Urban Development Corporation (HUDCO)?

A:-9th Five Year Plan

B:-8th Five Year Plan

C:-4th Five Year Plan

D:-3rd Five Year Plan

Correct Answer:- Option-C

Question81:-Match List-I (City Planning) with List-II (Propagators) and choose the correct answer :

List-I

- a. Garden City
- b. The City Beautiful
- c. New City of Modi'in
- d. Satellite Garden Town

List-II

- 1. Earnest Simon
- 2. Ebenezer Howard
- 3. Daniel Burnham
- 4. Moshie Safdie

A:-a-3, b-2, c-1, d-4

B:-a-2, b-3, c-4, d-1

C:-a-3, b-1, c-2, d-4

D:-a-1, b-4, c-3, d-2

Correct Answer:- Option-B

Question82:-Which of the following statement is/are correct with respect to the Neighborhood unit by Clarence A. Perry?

- (i) The neighborhood unit should occupy about 160 acres
- (ii) About 20% of the area should be allocated to recreation
- (iii) The schools should be at a walking distance of not more than one-half miles without

crossing a major arterial road

A:-Only (i & iii)

B:-Only (ii & iii)

C:-Only (i & ii)

D:-All of the above (i, ii and iii)

Correct Answer:- Option-A

Question83:-Which one of the following pairs with respect to Sustainable Development Goals is incorrectly matched?

A:-Goal 9 - Industry, Innovation and Infrastructure

B:-Goal 8 - Sustainable Cities and Communities

C:-Goal 7 - Affordable and Clean Energy

D:-Goal 6 - Clean water and Sanitation

Correct Answer:- Option-B

Question84:-Consider the following statements about The Search for City Form and select the correct answer :

(i) Clarence Stein organized the Assembly of Constructors for an Architectural Renovation

(ASCORAL) and extended the investigation into the character of the city

(ii) ASCORAL set forth the "Three Human Establishments" : the farming unit, the radio

concentric city, and the linear industrial city

A:-Only (i)

B:-Only (ii)

C:-Both (i & ii)

D:-Neither (i nor ii)

Correct Answer:- Option-B

Question85:-Match List-I (Model of economic growth and development) with List-II (Propagators) and choose the correct answer :

List-I	List-II
a. Lewis Dual-Sector Model	1. Highlights the role of capital accumulation, technological progress, and population growth
b. Solow-Swan Model	2. Focuses on the relationship between savings,
c. Harrod-Domar Model	investment, and economic growth
rural-	3. Centered on the role of industrialization and
d. Endogenous Growth Models	urban migration in development
variables	4. Emphasizes on the role played by policy

A:-a-3, b-2, c-1, d-4

B:-a-2, b-3, c-4, d-1

C:-a-3, b-1, c-2, d-4

D:-a-1, b-4, c-3, d-2

Correct Answer:- Option-C

Question86:-Which of the following targets mentioned in Goal 11 of the Sustainable Development Goals (SDG), 2030 by UNDP aims to support positive economic, social and environment links between urban, peri-urban and rural areas by strengthening national and regional development planning?

A:-Target 11.b

B:-Target 11.a

C:-Target 11.2

D:-Target 11.1

Correct Answer:- Option-B

Question87:-Which of the following is NOT an attribute of resilient cities?

A:-The development of the spatial configuration of resource-based communities is mostly affected by the fluctuations of resource-dependent sectors

B:-The city's ability to survive, adapt, and thrive despite chronic and acute stressors experienced by its systems, businesses, institutions, communities and individuals

C:-The cities assessment of their capacities and risks holistically,engaging with vulnerable community members, a challenging task that requires meaningful engagement

D:-Planning of the city necessitates addressing challenges and devising solutions in a place-based, integrated, inclusive, risk-aware, and forward-looking manner

Correct Answer:- Option-A

Question88:-A Compage Region is defined as

A:-A region that belongs to an agricultural zone (as in India) or to a mining region (as in USA) and the sub-regions within which definitely contribute to the poverty of the other

B:-A region that was developed along transport lines and irrigation channels, as elongated zones are generated on both the sides of the lines

C:-A Metropolitan area that has an urban centre flanked by a peripheral area which develops functional dependency from the centre to the peripheral area and behaves like an organism

D:-A concept introduced in regional geography by Derwent Whittlesey as a way of encompassing the diverse aspects of geographical research

Correct Answer:- Option-D

Question89:-The process where human operators are embedded into the database engine and collaborate with other conventional database operators to process the queries for a project is called

A:-Crowd sourcing

B:-Collaboration

C:-Smart city

D:-Participatory planning

Correct Answer:- Option-A

Question90:-Name the author of the book "Expulsions", 2014 which elucidates how the intricate nature of the global economy complicates the attribution of responsibility for the displacements, evictions, and eradications it engenders, while simultaneously making it challenging for beneficiaries of the system to acknowledge their culpability for its harms

A:-Louis Wirth

B:-Donald Appleyard

C:-Saskia Sassen

D:-Jane Jacobs

Correct Answer:- Option-C

Question91:-One of the major areas of work of the Housing and Land Rights Network, (HLRN) located in New Delhi, India, is

A:-Conservation of heritage

B:-Climate justice

C:-Clearing land disputes in family court

D:-Homogeneous distribution of residential land use

Correct Answer:- Option-B

Question92:-The 'Challenge Fund' (CF) was used as a pioneering initiative in a state highway project, 2022 in India, namely in the state of

A:-West Bengal

B:-Uttar Pradesh

C:-Kerala

D:-Tamil Nadu

Correct Answer:- Option-C

Question93:-The *cohesive Fine Grain* factor in the built to void relationship, a crucial aspect in urban design, refers to

A:-Building age

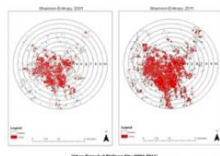
B:-Public realm

C:-Front elevation

D:-Human scale

Correct Answer:- Option-D

Question94:-From the following image it is evident that the growth the trend of the city is



A:-Directed East and West

B:-Directed North-East and South-West

C:-Directed North-West and South-East

D:-Directed North and South

Correct Answer:- Option-C

Question95:-With reference to the following table which of the following is correct?

S.no	Year	Number of Domestic tourist	Number of Foreign tourist	Number of Total tourist
1	2018	731733	4673	736406
2	2019	607177	5674	612851
3	2020	184707	2351	187058
4	2021	688370	150	688520
5	2022	796112	1071	797183

A:-Tourists visiting the city prefer going to new tourist destinations

B:-Tourism in the city is growing in the recent years

C:-The year 2020 has the lowest number of non-native tourists

D:-Tourist arrivals were restricted from 2020 to 2022

Correct Answer:- Option-B

Question96:-As per the NIUA report, 2021 which of the following is NOT responsible for bio diversity loss?

A:-Managing the use and enabling fair and equitable sharing benefits, arising out of the use of biological resources within the local communities

B:-Cities hosting multiple foreign species, which are a major threat to endemic species due to increased incidence of colonization by introduced species

C:-The presence of huge amounts of traffic and industries causing pollution, which makes it difficult for local plants and animals to thrive

D:-The intrusion due to expansion of urban areas on native flora which impacts their dispersal methods through changes in habitat configuration and connectivity

Correct Answer:- Option-A

Question97:-One of the significant problem of Singapore in recent years is

A:-The large number of educated people

B:-The increasing ageing population

C:-No policies are aligned with Water Sensitive Urban development

D:-Dynamic economic opportunities

Correct Answer:- Option-B

Question98:-"To make citizen centric cities in India Tactical Urbanism may be adopted" actually means

A:-To make small scale, low cost and temporary interventions to improve public places

B:-Citizens are encouraged to paint graffiti on public wall and creating temporary community spaces

C:-Before committing to large investments, activate potential unused spaces

D:-All of the above

Correct Answer:- Option-D

Question99:-A family would have been deemed as a destitute and a beneficiary of the Kudumbashree program, 2005 only if

A:-The family satisfies 7 out of the 9-point criteria and 1 additional criterion

B:-The family satisfies 5 out of the 9-point criteria

C:-The family satisfies 3 out of the 9-point criteria

D:-The family satisfies any of the 9-point criteria and 1 additional criterion

Correct Answer:- Option-A

Question100:-The National Transit Oriented Development (TOD) Policy, 2017 aimed to

A:-Create landmarks in the city

B:-Conserve global and local heritage buildings

C:-Enable transformations, accessible public transport and compact walkable communities

D:-Encourage economic opportunities and corporate social responsibilities

Correct Answer:- Option-C