

**Instructions:**

1. Ensure that all pages are printed.
2. Use Black ball pen only
3. Change in option is not allowed
4. There is no negative marking
5. Use of non-programmable scientific calculator is allowed

1.	In this projection system, Projectors are parallel to each other and perpendicular to the picture plane.			
	A	Orthographic projection	B	Oblique Projection
	C	Perspective Projection	D	None of the Above
2.	_____ represent a three-dimensional subject through a series of distinct, but related, two-dimensional abstract views that the viewer must assemble in the mind to construct an objective reality.			
	A	Perspective Drawings	B	Para line Drawings
	C	Multiview Drawings	D	All of the above
3.	In Architecture, following is defined as the study of shades and shadows cast by simple Architectural Forms on plain surfaces.			
	A	Anthropometry	B	Sciography
	C	Climatology	D	Radiology
4.	BIM stands for,			
	A	Building Information Modeling	B	Building Information Manual
	C	Building Idea Modeling	D	Basic Information Modeling
5.	Axis, Symmetry, hierarchy, datum, rhythm, repetition and transformation are			
	A	Functions of Design	B	Requirements of Design
	C	Ordering Principles of Design	D	All of the Above
6.	In the drawing of architectural and urban spaces, we include people to:			
	A	Express the scale of a space.	B	Indicate the intended use or activity of a space.
	C	Convey spatial depth and changes of level	D	All of the above
7.	Length and width, shape, surface, orientation and position are characteristics of			
	A	Line	B	Point
	C	Plane	D	Volume
8.	Which of the following is not a theory of proportion?			
	A	Golden Section	B	Renaissance Theory
	C	Classical Orders	D	Minimalism

9.	_____ refers to the balanced arrangement of similar or equivalent elements on opposite sides of a median axis so that only one plane can divide the whole into essentially identical halves.			
	A	Planer Symmetry	B	Bilateral symmetry
	C	Radial Symmetry	D	Compositional symmetry
10.	The measurement and study of the size and proportions of the human body is known as			
	A	Anthropometry	B	Anthropology
	C	Ergonomics	D	Prototype
11.	Which of the following foundations is suitable for soft/loose soils?			
	A	Isolated footings	B	Wall footings
	C	Combined footings	D	Pile foundation
12.	King Post is an element of			
	A	Door	B	Window
	C	Floor	D	Truss
13.	A wall constructed to hold back the mass of earth and to resist the lateral pressure of the soil is termed as,			
	A	Double Wall	B	Retaining Wall
	C	Curtain Wall	D	Cavity Wall
14.	Unit of concrete in RCC work is _____			
	A	Square meter	B	Running Meter
	C	Cubic meter	D	Newton/Meter sq
15.	Which of the following is not a plant-based material?			
	A	Bamboo	B	Straw Bales
	C	Cork	D	Fiber glass
16.	-----glass is four to five times stronger than normal glass.			
	A	Embossed glass	B	Tempered or toughened glass
	C	Laminated glass	D	Wire glass
17.	Indoor air quality can be improved by			
	A	Minimizing air-conditioned spaces	B	Providing adequate outdoor air ventilation
	C	Designing no-smoking spaces	D	All of the above
18.	LCA means:			
	A	Life Cycle Assessment of material	B	Low-Cost Appliances
	C	Life Cost Analysis of material	D	Life Circle Analysis
19.	Which element is responsible for strength and hardness of steel?			
	A	Carbon	B	Magnesium
	C	Iron	D	Calcite
20.	Full form of CPM is			
	A	Central Path Method	B	Critical Project Management
	C	Critical Path Method	D	Critical Path Management

21.	Safety and durability of a precast building depends highly on			
	A	Size of the modules	B	Number of modules
	C	Connections between modules	D	None of the above
22.	Which of the following type of building will have better earthquake performance?			
	A	Open ground story buildings	B	Buildings with floating columns
	C	Braced Framed Building	D	Unreinforced masonry construction
23.	Following is the prestressing technique used in field.			
	A	Pre fabrication	B	Precasting
	C	Lift slab	D	Post tensioning.
24.	Which of the following is not a system for large span structures			
	A	Filler Slab Construction	B	Parametric structures
	C	Space Frame Construction	D	Shell Structures
25.	The term “Liquidated Damages” is concerned with			
	A	Faulty workmanship	B	Bad Workmanship
	C	Inferior quality of material	D	Delay in completion of project
26.	The main purpose of Cavity walls is to achieve			
	A	Insulation	B	Aesthetics
	C	Storage	D	Structural stability
27.	Which of the following is used to increase lateral force resistance of building?			
	A	Space Frames	B	Shear Walls
	C	Waffle slab	D	Curtain walls
28.	Underpinning is a temporary structure used			
	A	To support walls of buildings	B	To remove water from pits
	C	To support platforms for workmen and materials at raised height during construction	D	To Strengthen the existing foundation
29.	Caisson foundations are most commonly used for			
	A	High rise structures	B	Low-rise Structures
	C	Bridges and underwater construction	D	All of the above
30.	Which of the following is a passive solar technique for geo-thermal insulation			
	A	Movable louvers	B	Earth berming
	C	Earth air tubes	D	Jalis and screens
31.	Earthquake performance of the building depends on			
	A	Plan form and geometry	B	Structural Detailing
	C	Building materials and joinery	D	All of the above
32.	In Two-way slab, main steel is put			
	A	Parallel to longer dimension	B	Both way
	C	Perpendicular to shorter dimension	D	Perpendicular to longer dimension

33.	Find the odd one out			
	A	Space Frame Structure	B	Folded Plate Structure
	C	Diagrid Structure	D	Pneumatic Structure
34.	Wind and earthquake loads are			
	A	Static and axial	B	Static and Lateral
	C	Dynamic and Lateral	D	Dynamic and Axial
35.	In case of brick masonry structures, bricks with _____ porosity are preferred to ensure better performance of masonry walls against earthquake.			
	A	High	B	Moderate
	C	Low	D	Moderate to High
36.	_____ refers to any of several means of absorbing or dissipating energy to progressively diminish successive oscillations or waves of a vibrating structure.			
	A	Damping	B	Ductility
	C	Flexibility	D	Rigidity
37.	For construction of Tall Buildings/Skyscrapers, which type of structural system is most suitable out of the following?			
	A	Hyperbolic paraboloid system	B	Bundled Tube System
	C	Tensile structures	D	Parametric
38.	Vertical loads of the structure and weight of permanent elements is called			
	A	Dead Load	B	General Load
	C	Live Load	D	Lateral Load
39.	In a frame structure, _____ are the most critical elements in transferring the inertia forces.			
	A	Beams	B	Columns
	C	Foundation	D	Slabs
40.	In the hilly area where snow is major problem, which kind of roof is advisable?			
	A	Slopping	B	Curved roof
	C	Flat roof	D	All of the above
41.	Population projections can be carried out based on			
	A	Past trends	B	Both A and C
	C	Employment and induced growth	D	None of the Above
42.	In any Indian cities average domestic water demands _____ Lpcd.			
	A	135 LPCD	B	50 LPCD
	C	500 LPCD	D	100LPCD
43.	What is A.H.U. in Air conditioning?			
	A	Air handling Unit	B	Air Horse power unit
	C	Automatic handling unit	D	None of the above
44.	Which Techniques will help in controlling rainwater runoff and pollution?			
	A	Green Roof	B	Permeable Pavements
	C	Bio-Swales	D	All of The Above

45.	“Segregation at Source” term is related to			
	A	Material management	B	Sewage Treatment
	C	Resource Efficiency	D	Solid Waste Management
46.	Building that produce as much energy as it uses is termed as			
	A	Net Zero Energy Building	B	No Energy Building
	C	Net Zero Electricity Building	D	Energy producing building
47.	Urban heat island effect is a result of			
	A	Low albedo surface	B	Dense built mass
	C	Spread of urban sprawl	D	All of the above
48.	Which of the following is the latest technological development in building construction?			
	A	3-D printing of buildings	B	Lift slab construction
	C	Prefabricated construction	D	Top-down construction
49.	“Wet Riser”, “Hose Reel”, “Automatic Sprinkler System”, “Means of Escape” ...all these terms are related to			
	A	Water Supply	B	Centralized Air Conditioning
	C	Fire Protection and Fire Safety	D	Drainage
50.	A Green Building Rating System is			
	A	An evaluation tool that measures environmental performance of a building through its life cycle.	B	A system to check earthquake performance of a building
	C	A method to decide loading on buildings	D	A system that analyses building's construction cost
51.	TOD refers to			
	A	Technology Oriented Development	B	Tall structures Oriented Development
	C	Transit Oriented Development	D	Transit Oriented District
52.	_____refers to the ability of a particular type of land to support a specific use			
	A	Land suitability	B	Land Management
	C	Land Occupancy	D	None of the Above
53.	WWR refers to			
	A	Volume of space	B	Wall to window ratio
	C	Wall to wall ratio	D	Area of building
54.	Which of the following is a housing sector development scheme?			
	A	HRIDAY	B	PMAY
	C	AMRUT	D	SBM
55.	In year 2015, all United Nations Member states adopted the following as a universal call to end poverty, protect the planet and ensure that all people enjoy peace and prosperity by 2030.			
	A	Right to Education Mission	B	Rural Development Goals
	C	No Poverty Mission	D	Sustainable Development Goals-SDG

56.	The streets of Mohanjo-Daro were located as per the			
	A	Grid-Iron plan	B	Zig-zag pattern
	C	Ring and Radial plan	D	None of the above
57.	_____is recognized as an important mechanism for performance management and accountability in service delivery. It involves the measuring and monitoring of service provider performance on a systematic and continuous basis.			
	A	Scenario Planning	B	Forecasting
	C	Service Level Benchmarking	D	Contingency Planning
58.	Floor Area Ratio (FAR) is also known as			
	A	Floor Area Relationship	B	Floor Area Range
	C	Floor Space Index	D	None of the above
59.	_____ is a designation provided to area which has very diverse yet fragile ecosystem.			
	A	Eco-sensitive area	B	Forest Zone
	C	Natural area	D	Sustainable area
60.	The main function of “NITI Aayog” is			
	A	Development of smart city	B	Development of garden cities
	C	'Think-tank of India' for providing policy and directional inputs	D	All of the above
61.	Land valuation refers to			
	A	The method of defining the use of the land	B	The process of buying the land
	C	The process of selling the land	D	The process of developing an opinion of value for real property
62.	Different zones of this city were planned in conformity with the Vastushastra and the close-knit urban structure of which reduces solar radiation.			
	A	Chandigarh	B	Madurai
	C	Jaipur	D	Udaipur
63.	_____ means “Making changes to a building to accommodate a new use”			
	A	Regeneration	B	Adaptive Reuse
	C	Renewal	D	Conservation
64.	The term _____is used to describe any building designed in an environmentally sensitive manner			
	A	Public Building	B	Heritage Building
	C	Resilient Building	D	Green Building
65.	The Government of India has developed the_____, which provides minimum energy performance standards for energy efficient buildings, which can be referred while designing private and public buildings.			
	A	Development Control Regulations (DCR)	B	Environmental Impact Assessment (EIA)
	C	Energy Conservation Building Code (ECBC)	D	Central Pollution Control Board (CPCB) Norms

66.	GIS stands for			
	A	Geographical Information Set	B	Geological Information System
	C	Geographical Inquiry Station	D	Geographical Information System
67.	GDP refers to,			
	A	General Development Process	B	Gross Domestic Product
	C	General Domestic Product	D	Gross Development Percentage
68.	Infrastructure is about delivering _____ that are the foundation for development of an urban area.			
	A	essential services	B	essential opportunities
	C	essential goods	D	all of above
69.	Climate change is a			
	A	Local Level Issue	B	Global Challenge
	C	National Level Issue	D	Context specific challenge
70.	“Vasudhaiva Kutumbakam” or “One Earth, One Family, One Future,” derived from the ancient Sanskrit text called the Maha Upanishad, is the theme of			
	A	Olympic Games	B	Election Campaign
	C	India’s G20 Presidency	D	World Health Organization
71.	The Central Vista Redevelopment Project is designed by			
	A	HCP Design Planning and Management Pvt. Ltd.	B	CP Kukreja and Associates Pvt. Ltd.
	C	ARCOP Associates Pvt. Ltd.	D	INI Design Studio Pvt. Ltd.
72.	Architectural style that is designed based on local needs, availability of construction materials and reflecting local culture is termed as			
	A	Traditional architecture	B	Vernacular Architecture
	C	Regional architecture	D	All of the above
73.	_____ refers to number of people in an urban area per sq.km.			
	A	Density	B	Urbanism
	C	Citification	D	Urban population
74.	The concept of ‘Dry Garden’ , also called a “Zen Garden”, is associated with			
	A	Mughal Garden	B	Egyptian Garden
	C	Chinese Garden	D	Japanese Garden
75.	Which of the following is not amongst five points of architecture described by Le Corbusier?			
	A	Colonnade	B	Horizontal window
	C	Pilotis	D	Roof gardens
76.	What is URDPFI guidelines?			
	A	Urban Region Development Plantation Form and Index	B	Urban Road Development, Plants and Forest Improvement
	C	Urban and Regional Development Plans Formulation and Implementation.	D	None of the above

77.	Which of the following is not a characteristic of Gothic Architecture?			
	A	Flying Buttress	B	Pointed arches
	C	Large Stained Glass Windows	D	Dome
78.	The term “Universal Design” refers to			
	A	Unique design	B	Global design
	C	Modular Design	D	Barrier free design
79.	The most popular symbol of Buddhism is			
	A	The elephant	B	The dharma wheel
	C	The star and crescent	D	The fly whisk
80.	Full form of R.E.R.A. is			
	A	Rajkot Economy Zone Redevelopment Authority	B	Real Estate Redevelopment Authority
	C	Real Estate & Region Redevelopment Authority	D	Real Estate Regulation & Development Act
81.	JNNURM is an Indian Government Programme that deals with:			
	A	Rural Sanitation Services and Health Infrastructure	B	Efficiency of Urban Infrastructure and Improvement of Urban Basic Services
	C	Rural Road Development	D	Urban Transport Development
82.	Who wrote the book “the Image of The City”?			
	A	Kevin Lynch	B	Jane Jacobs
	C	Rob Krier	D	Spiro Kostof
83.	Factors to consider in the selection and use of plant materials in landscaping include			
	A	Depth and extent of the root structure	B	Requirements for soil, water, sunlight, and temperature range
	C	Tree structure and shape	D	All of the above
84.	The term CBD (Central Business District) usually refers to			
	A	Fringe area	B	Outskirt area
	C	Newly developed area	D	Core city area
85.	A World Heritage Site is a place of _____			
	A	Cultural or physical significance	B	Architectural exploration
	C	Social gathering	D	heritage Committee
86.	Which of the following component of urban design is primarily governed by street and road networks?			
	A	Urban Grain	B	Landscape
	C	Public realm	D	Height and massing
87.	The Multiple Nuclei model of urban planning was proposed by			
	A	Homer Hoyt	B	Ernest Burgess
	C	Berry and Horton	D	Harris and Ullman



88.	Development that meets the needs of the present without compromising the ability of future generations to meet their own needs', ...is a definition of following term:			
	A	Sustainable Development	B	Urban Development
	C	Rural Development	D	Futuristic Development
89.	In Urban Transport, NMT refers to			
	A	New-Motorised Transport	B	Non-Motorised Transport
	C	Non-Motorised Travel	D	National Metro Transport
90.	The proportioning of the facade of the Parthenon Greece is an example of			
	A	Anthropometry	B	Modular
	C	Golden Section	D	Renaissance Theories
91.	_____ tend to be unstable because they shrink and swell considerably with changes in moisture content.			
	A	Coarse-grained soils	B	Sandy soil
	C	Silt	D	Clay soils
92.	_____ is the practice of designing landscapes to reduce or eliminate the need for irrigation.			
	A	Xeriscaping	B	Drip irrigation
	C	Aquifer	D	None of the above
93.	Who is named as 2018 Pritzker Prize Laureate?			
	A	Zaha Hadid	B	B.V. Doshi
	C	Louis Khan	D	I.M. Pei
94.	What is the name of the process by which the client or employer invites contractors to place a bid for work on a construction project?			
	A	Retendering	B	Contracting
	C	Tendering	D	Consultancy
95.	A marketplace or public square in an ancient Greek city, usually surrounded with public buildings and porticoes and commonly used as a place for popular or political assembly.			
	A	Ziggurat	B	Necropolis
	C	Agora	D	Plaza
96.	BOT (Build, Operate, Transfer), BOO (Build, Own, Operate) and BOOT (Build – Own – Operate – Transfer) are the models of			
	A	Land Development Contracts	B	Public-Private Partnership Contracts
	C	Risk Assessment	D	Government Finance Schemes
97.	_____ is a process through which an environmental impact of a proposed development is evaluated.			
	A	Environmental Impact Assessment (EIA)	B	Life Cycle Assessment (LCA)
	C	Feasibility Studies	D	SWOT Analysis

98.	The famous book written by Kevin Lynch			
	A	The Image of the City	B	The City Assembled
	C	The City Shaped	D	The Death and Life of Great American Cities
99	Bauhaus school was started by			
	A	Frank Lloyd Wright	B	Robert Venturi
	C	Le Corbusier	D	Walter Gropius
100	As per the 7th edition of the Swachh Survekshan Awards 2022, revealed in October 2022, _____ maintained its title as the “cleanest city” for the sixth consecutive year.			
	A	Navi Mumbai	B	Indore
	C	Surat	D	Jaipur