

Computer Based Examination System

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Title *	Question Paper Answer Key
OES Exam *	GPSC03202103 Assistant Professor in Architecture Completed 2021-08-01

1	<b>Question Description</b>	A queen post truss is popular
	<b>A</b>	because it can span minimum 6 mts openings as compared than a king post truss.
	<b>B</b>	because it offers more structural support and has one vertical post that supports the centre peak of each set of rafters
	<b>C</b>	because in a truss that can span maximum 6mts openings compared to 12 mts of a king post truss. A king post uses one central supporting post, whereas the queen post truss uses two, and can span longer openings than a king post truss.
	<b>D</b>	because in a truss that it can span maximum 6mts openings compared to 12 mts of a king post truss. A king post uses one central supporting post, whereas the queen post truss uses two, and can span longer openings than a king post truss.
	<b>Correct Answer</b>	B
	<b>Marks</b>	1

2	<b>Question Description</b>	What is appropriate term in a concrete mix , when one says 1: 2 : 4 parts for a construction site _____
	<b>A</b>	1 part cement : 2 parts sand : 4 parts coarse aggregate
	<b>B</b>	1 part cement : 2 parts coarse aggregate : 4 parts sand
	<b>C</b>	1 part cement : 2 parts M sand : 4 parts coarse aggregate
	<b>D</b>	1 part cement : 2 parts coarse aggregate : 4 parts cement mortar
	<b>Correct Answer</b>	A
	<b>Marks</b>	1

3	<b>Question Description</b>	“Form follows function”, “Minimalism” and “Rejection of Ornament” was the essential tenets of :
	<b>A</b>	Modern Architecture
	<b>B</b>	Renaissance Architecture
	<b>C</b>	Baroque Architecture
	<b>D</b>	None of the above
	<b>Correct Answer</b>	A
	<b>Marks</b>	1

4	<b>Question Description</b>	Difference between Plain Cement Concrete (P.C.C) and Reinforced Cement Concrete (R.C.C) is :
	<b>A</b>	There is no reinforcement in P.C.C
	<b>B</b>	There is no cement in PCC
	<b>C</b>	There is no reinforcement in RCC
	<b>D</b>	There is no cement in RCC
	<b>Correct Answer</b>	A
	<b>Marks</b>	1
5	<b>Question Description</b>	As per The Goa Land development and building construction regulations 2010, the High rise building means a building having a height of above 15 meters as defined in the national building code 2005. _____
	<b>A</b>	having a height of above 11.5 meters
	<b>B</b>	having a height of above 15 meters
	<b>C</b>	having a height of above 24 meters
	<b>D</b>	having a height of above 28 meters
	<b>Correct Answer</b>	B
	<b>Marks</b>	1

6	<b>Question Description</b>	<b>one of them is not a part of High rise structural systems</b>
	<b>A</b>	Braced frame structural system , rigid frame structural system wall frame system
	<b>B</b>	wall frame system and sheer wall system ,
	<b>C</b>	Uniformly stressed portal structural system and Outrigged structural system and in filled frame structural system
	<b>D</b>	flat plat and flat slab structural system
	<b>Correct Answer</b>	C
	<b>Marks</b>	1

7	<b>Question Description</b>	The best known example of Kadamba Style Architecture in Goa is :
	<b>A</b>	Mangueshi Temple, Mangueshi
	<b>B</b>	Mahadev Temple at Tambdi Surla
	<b>C</b>	Mahalaxmi Temple, Panaji
	<b>D</b>	Shantadurga Temple, Cuncolim
	<b>Correct Answer</b>	B
	<b>Marks</b>	1

8	<b>Question Description</b>	Rocks cut caves in Goa are on the
	<b>A</b>	on the west bank of River Sanquelim of Harvalem in Bicholim taluka in North Goa with altogether '5' shrine chambers and one room.
	<b>B</b>	on the west bank of River zuari of in South Goa with altogether '9' shrine chambers and three room.
	<b>C</b>	on the west bank of River Sal of Quepem in South Goa with altogether '12' shrine chambers and one room.
	<b>D</b>	on the west bank of River Sanquelim of Harvalem in Bicholim taluka in North Goa with altogether '6' shrine chambers and 10 room.
	<b>Correct Answer</b>	A
	<b>Marks</b>	1
9	<b>Question Description</b>	The Basilica of Bom Jesus in Old Goa, _____
	<b>A</b>	has a hall with granite stone cladding on the front façade with wooden canopy.
	<b>B</b>	has a cruciform plan with single nave volume added with Baroque styles at upper levels
	<b>C</b>	has a cruciform plan with doubly vaulted square plan with buttress added with gothic styles at rear side .
	<b>D</b>	has a dome on the rear side with indo Portuguese mosaic of sixteenth century
	<b>Correct Answer</b>	B
	<b>Marks</b>	1

10	<b>Question Description</b>	In subdivision of land of area 20000 sq. m, area of open space required to be incorporated in the subdivision is :
	<b>A</b>	30 sq.m
	<b>B</b>	18000 sq. m
	<b>C</b>	3000 sq. m
	<b>D</b>	No open space is required to be incorporated
	<b>Correct Answer</b>	C
	<b>Marks</b>	1
11	<b>Question Description</b>	The 3D computer graphics is a modern technological advancement concept of the computer sciences
	<b>A</b>	representing the three-dimensional aspect of geometric data which is found in almost every model or structure defined by the mathematical representation of the structure.
	<b>B</b>	the Multi dimensional computer graphics calculates these geometric data and stores it in the device for future reference.
	<b>C</b>	the Multi dimensional computer graphics calculates these perspective data and stores it in the computer for future reference
	<b>D</b>	reflects the rendering techniques with plans , sections , elevations
	<b>Correct Answer</b>	A
	<b>Marks</b>	1

12	<b>Question Description</b>	Vernacular architecture is an architectural style that is designed based on. local needs, availability of construction materials and reflecting local. traditions
	<b>A</b>	along with the design skills and traditions of local artisans / builders .
	<b>B</b>	along with the design skills and experts in vastushastras only .
	<b>C</b>	along with the design skills of Architects & engineers from village areas only
	<b>D</b>	along with the design skills from masons and advise from NGOs/ communities in village areas only .
	<b>Correct Answer</b>	A
	<b>Marks</b>	1

13	<b>Question Description</b>	In a building designed in Commercial C1 Zone, as per the Goa land development Regulation act, Floor area ratio is :
	<b>A</b>	20000
	<b>B</b>	800
	<b>C</b>	200
	<b>D</b>	80000
	<b>Correct Answer</b>	C
	<b>Marks</b>	1

14	<b>Question Description</b>	The Great bath at Mohenjodaro was on
	<b>A</b>	open air pool about 12m x 7 m in plan and 2.5 mts deep constructed in sawn bricks set on an edge in a gypsum mortar and sealed in bitumen surrounded by covered colonnade.
	<b>B</b>	open air pool about 21 m x 14 m in plan and 3.5 mts deep constructed in natural granite stone set on an edge in a gypsum mortar and sealed in lime surrounded by covered colonnade.
	<b>C</b>	open air pool about 11 m x 9 m in plan and 2.5 mts deep constructed
	<b>D</b>	with flat roofed single and two storey houses with fired brick , open courtyards , featureless walls along streets in clay bricks set on an edge in a gypsum mortar and sealed in bitumen surrounded by water reservoirs
	<b>Correct Answer</b>	A
	<b>Marks</b>	1
15	<b>Question Description</b>	Guggenheim Musuem, Bilbao, Spain is designed by :
	<b>A</b>	Walter Gropius
	<b>B</b>	Le Corbusier
	<b>C</b>	Frank Lloyd Wright
	<b>D</b>	Frank Gehry
	<b>Correct Answer</b>	D
	<b>Marks</b>	1



16	<b>Question Description</b>	Hydro pneumatic system in building services consists of
	<b>A</b>	High pressure multistage centrifugal pump sets, Suction and Delivery manifolds with Valves, Base frame and suitable control panel.
	<b>B</b>	Pumpsets without any High Quality Pressure Switches, Pressure Transmitter, Pressure Tank and other Accessories
	<b>C</b>	High pressure multistage centrifugal pumpsets, without any Suction and Delivery manifolds with Valves, Base frame and suitable control panel.
	<b>D</b>	High pressure multistage centrifugal pumpsets, without any underground water tanks
	<b>Correct Answer</b>	A
	<b>Marks</b>	1
17	<b>Question Description</b>	Begunia group of temples ,in Bengal
	<b>A</b>	Siddheshwara Temple ,Ganesha Temple , Durga Temple ,Kali Temple .
	<b>B</b>	Siddhnath Temple , Mahadeva Temple , parvati Temple , Kali Temple .
	<b>C</b>	Siddheshwara Temple ,Ganga Temple , Saraswati Temple, Kali Temple .
	<b>D</b>	Siddheshwara Temple ,Ganga Temple , Laxmi Temple ,Kali Temple .
	<b>Correct Answer</b>	A
	<b>Marks</b>	1

18	<b>Question Description</b>	Gothic architecture is unique
	<b>A</b>	due to ribbed vaults, buttresses, clustered columns, ambulatories, wheel windows, spires, stained glass windows, and richly carved door tympana
	<b>B</b>	due to large and ornate buildings with Corinthian / composite style arches either single or triple, and y decorated with sculptured pictures or scenes.
	<b>C</b>	due to its curving forms with including oval shapes and a combination of concave and convex forms that make walls seems to undulate, or appear wavy with a strong sense of motion.
	<b>D</b>	due to its symmetry, proportion, geometry ad demonstrated in the architecture of classical antiquity .
	<b>Correct Answer</b>	A
	<b>Marks</b>	1
19	<b>Question Description</b>	Tongue and groove is a method of
	<b>A</b>	fitting similar objects together, edge to edge, used mainly with wood, in flooring, parquetry, panelling, and similar constructions.
	<b>B</b>	fitting two different building materials edge to edge, used mainly with wood, in flooring, parquetry, panelling, and similar constructions
	<b>C</b>	fitting similar objects building materials edge to edge, used mainly with structural steel , bamboos and similar constructions
	<b>D</b>	fitting similar objects building materials edge to edge, used mainly with glass , steel , concrete except wood .
	<b>Correct Answer</b>	A
	<b>Marks</b>	1

20	<p><b>Question Description</b></p> <p><b>A</b></p> <p><b>B</b></p> <p><b>C</b></p> <p><b>D</b></p> <p><b>Correct Answer</b></p> <p><b>Marks</b></p>	<p>In Basilica of Bom Jesus at Old Goa, the following is used in the superstructure :</p> <p>Aluminium</p> <p>Steel</p> <p>Granite blocks</p> <p>Laterite Stones</p> <p>D</p> <p>1</p>
21	<p><b>Question Description</b></p> <p><b>A</b></p> <p><b>B</b></p> <p><b>C</b></p> <p><b>D</b></p> <p><b>Correct Answer</b></p> <p><b>Marks</b></p>	<p><b>Mahabalipuram has</b> _____</p> <p>Five stone temples sculpted out of rocks with each temple named after a character in mahabharata.</p> <p>twelve stone temples sculpted out of rocks with each temple named after a character in Ramayana .</p> <p>nine stone temples sculpted out of rocks with each temple named after a character from Dravidian architecture</p> <p>three stone temples sculpted out of rocks with each temple named after a character in chalukyas times .</p> <p>A</p> <p>1</p>

22	<b>Question Description</b>	When calculating bending moments in beams we have to consider :
	<b>A</b>	Load only
	<b>B</b>	Load and span
	<b>C</b>	Span only
	<b>D</b>	None of the above
	<b>Correct Answer</b>	B
	<b>Marks</b>	1
23	<b>Question Description</b>	Damp Proof course
	<b>A</b>	is usually 2.5 cms thick rich cement concrete provided at plinth level ,
	<b>B</b>	is usually 5.0 cms thick rich cement concrete provided below footing level
	<b>C</b>	is usually 2.5 cms thick a water proof concrete provided inside RCC ,
	<b>D</b>	is usually 1.2 cms thick cement plaster applied on external cement plaster .
	<b>Correct Answer</b>	A
	<b>Marks</b>	1

24	<b>Question Description</b>	which name is associated with Gateway of India , Mumbai .
	<b>A</b>	George Wittet
	<b>B</b>	James A Fuller
	<b>C</b>	Frederic Willim Stevens
	<b>D</b>	Henry Conybeare
	<b>Correct Answer</b>	A
	<b>Marks</b>	1
25	<b>Question Description</b>	_____ the areas that are ecologically sensitive and important such as national parks / marine parks , sanctuaries , reserve forests , wildlife habitats mangroves , corals /coral reefs , areas close to breeding of fish and other marine life , areas of outstanding natural beauty , historical heritage areas classified as category I OF COASTAL REGULATION ZONE . crz.
	<b>A</b>	classified as category IV CRZ ‘ Coastal regulation zone
	<b>B</b>	classified as category III CRZ ‘ Coastal regulation zone
	<b>C</b>	classified as category II CRZ ‘ Coastal regulation zone
	<b>D</b>	classified as category I CRZ ‘ Coastal regulation zone
	<b>Correct Answer</b>	D
	<b>Marks</b>	1

26	<b>Question Description</b>	In Trusses following principle is used for load distribution :
	<b>A</b>	Triangulation
	<b>B</b>	Elongation
	<b>C</b>	Parallel load distribution
	<b>D</b>	None of the above
	<b>Correct Answer</b>	A
	<b>Marks</b>	1
27	<b>Question Description</b>	The visual arts in architecture are art forms
	<b>A</b>	such as painting, drawing, printmaking, sculpture, ceramics, photography, video, filmmaking, design, crafts, and architecture
	<b>B</b>	such as Applied art , painting,clay modelling , crafts , and architecture. with context based concepts through canvas and other medium
	<b>C</b>	such as digital printing , computer 3 D printing modelling , and architecture. with context based concepts on computers
	<b>D</b>	such as artists impressions with knowledge of various colours and architecture. with context based concepts on hand made paper
	<b>Correct Answer</b>	A
	<b>Marks</b>	1

28	<b>Question Description</b>	The amalgamated plot means a....
	<b>A</b>	continuous portion of land held in multiple ownership for the purpose of development control as per Goa land development and building construction regulations 1974.
	<b>B</b>	continuous portion of land held in communinade ownership for the purpose of development control as per Goa land revenue code .
	<b>C</b>	continuous portion of land held in one ownership for the purpose of development control as per Goa land development and building construction regulations 2010.
	<b>D</b>	continuous portion of land held in mixed landuses in panchayat areas as per Goa land development and building construction regulations 2010.
	<b>Correct Answer</b>	C
	<b>Marks</b>	1
29	<b>Question Description</b>	Shankargompa –monastery is in _____
	<b>A</b>	In Leh with capital pillars painted in gay , bright colures
	<b>B</b>	In Leh with capital pillars built fully with grey slate stone
	<b>C</b>	In Jammu with capital pillars painted in gay , bright colures
	<b>D</b>	In Tibet with capital pillars painted in gay , bright colures
	<b>Correct Answer</b>	A
	<b>Marks</b>	1

30	<b>Question Description</b>	Madurai club in Madurai was undertaken by _____
	<b>A</b>	Laurie baker
	<b>B</b>	Charles correa
	<b>C</b>	Gerard Dcunha
	<b>D</b>	Geoffery Bawa
	<b>Correct Answer</b>	D
	<b>Marks</b>	1
31	<b>Question Description</b>	Sciography, is a branch of science of the <a href="#">perspective</a>
	<b>A</b>	dealing with the rendering techniques for enhancing aesthetic techniques of architectural elevations . on complex surfaces
	<b>B</b>	dealing with highlighting stone textures with shadows,. cast by simple architectural forms on vertical surfaces only
	<b>C</b>	dealing with the projection of shadows, or delineation of an object in perspective with its gradations of <a href="#">light</a> and <a href="#">shade</a> . cast by simple architectural forms on plane surfaces
	<b>D</b>	dealing with the projection of chajjas , sloping roofs and their shadows, cast by simple architectural forms on sloping surfaces
	<b>Correct Answer</b>	C
	<b>Marks</b>	1



32	<b>Question Description</b>	Which Architect was associated with the Connaught place in New Delhi
	<b>A</b>	Sir E W Fritchley
	<b>B</b>	Sir Robert Tor Russell
	<b>C</b>	Sir Halsey Ricardo
	<b>D</b>	Sir Hubert Shirley
	<b>Correct Answer</b>	B
	<b>Marks</b>	1

33	<b>Question Description</b>	_____ the Corinthian order made its first appearance in
	<b>A</b>	Renaissance Architecture in 13 <sup>th</sup>
	<b>B</b>	Roman Architecture in the fifth century
	<b>C</b>	Greek Architecture in the fifth century
	<b>D</b>	Gothic Architecture in the 11 <sup>th</sup> century
	<b>Correct Answer</b>	C
	<b>Marks</b>	1

34	<b>Question Description</b>	How do the building codes define means of egress
	<b>A</b>	an exit system that provides a continuous, unobstructed and undiminished path of exit travel from any occupied point in a building or structure to a public way.
	<b>B</b>	an exit system that provides a continuous, unobstructed and undiminished path from parking lot to the nearest staircase .
	<b>C</b>	an exit system that provides a continuous, unobstructed and undiminished path from vehicular entrance gate to assembly area .
	<b>D</b>	an exit system that provides a continuous, unobstructed and undiminished path from fire escape staircase to lobby area
	<b>Correct Answer</b>	D
	<b>Marks</b>	1
35	<b>Question Description</b>	Shantadurga temple in Goa
	<b>A</b>	in 1738 / with tiled roof and over the sanctum sanctorum
	<b>B</b>	in 1938 / with tiled roof and over the sanctum sanctorum
	<b>C</b>	in 1338 / with tiled roof and over the sanctum sanctorum
	<b>D</b>	in 1638 / with tiled roof and over the sanctum sanctorum
	<b>Correct Answer</b>	A
	<b>Marks</b>	1

36	<b>Question Description</b>	In Goa, in the olden days, the material used for roofing was mostly :
	<b>A</b>	Granite Slabs
	<b>B</b>	Clay tiles
	<b>C</b>	Glass
	<b>D</b>	Kaddapa Slabs
	<b>Correct Answer</b>	B
	<b>Marks</b>	1

37	<b>Question Description</b>	Abaneri – KUND , a stepped cistern has....
	<b>A</b>	tank of seven floors underground and a depth of 20 mts .
	<b>B</b>	tank of four floors underground and a depth of 10mts .
	<b>C</b>	tank of two floors underground and a depth of 6mts .
	<b>D</b>	tank of ten floors underground and a depth of 28 mts .
	<b>Correct Answer</b>	A
	<b>Marks</b>	1

38	<b>Question Description</b>	Architect B V Doshi based in Ahmedabad
	<b>A</b>	the first <a href="#">Indian</a> architect to receive the <a href="#">Pritzker Architecture Prize</a> in 2018
	<b>B</b>	the second <a href="#">Indian</a> architect to receive the <a href="#">Pritzker Architecture Prize</a> in 2018
	<b>C</b>	the first <a href="#">Indian</a> architect to receive the <a href="#">Pritzker Architecture Prize</a> in 1988
	<b>D</b>	the first <a href="#">Indian</a> architect to receive the <a href="#">Pritzker Architecture Prize</a> in 1998
	<b>Correct Answer</b>	A
	<b>Marks</b>	1
39	<b>Question Description</b>	Hagia Sophia in Istanbul is an example of :
	<b>A</b>	Greek Classical Architecture
	<b>B</b>	Byzantine Architecture
	<b>C</b>	Persian Architecture
	<b>D</b>	Gothic Architecture
	<b>Correct Answer</b>	B
	<b>Marks</b>	1

40	<b>Question Description</b>	In <b>one-point perspective</b> drawing
	<b>A</b>	the vertical lines that run across the field of view remain parallel, as their vanishing points are at "infinity." The horizontal lines, however, which are perpendicular to the viewer, vanish toward a single point at the center of the image.
	<b>B</b>	the vertical lines that run across the field of view remain at right angle to the object , as their vanishing points are at "infinity." The horizontal lines, however, which are parallel to the viewer, vanish towards the infinity .
	<b>C</b>	the horizontal lines that run across the field of view remain parallel, as their vanishing points are at "infinity." The vertical lines, however, which are perpendicular to the viewer, vanish toward a single point at the centre of the image.
	<b>D</b>	the vertical lines that run across the drawing area remain parallel, as their vanishing points are at "infinity." The horizontal lines, however, which are perpendicular to the viewer, vanish toward a two point toward the image .
	<b>Correct Answer</b>	A
	<b>Marks</b>	1
41	<b>Question Description</b>	Which cities are On The grid plan, grid street plan, or grid iron plan as per town planning types
	<b>A</b>	Jaipur .
	<b>B</b>	Chandigarh .
	<b>C</b>	New Delhi .
	<b>D</b>	Elche
	<b>Correct Answer</b>	C
	<b>Marks</b>	1

42	<b>Question Description</b>	Which of the following is a type of connection in steel works?
	<b>A</b>	Rolling
	<b>B</b>	Riveting
	<b>C</b>	Tying
	<b>D</b>	Skirting
	<b>Correct Answer</b>	B
	<b>Marks</b>	1
43	<b>Question Description</b>	A SPACE FRAME OR SPACE STRUCTURE IS A
	<b>A</b>	Structural Truss like, structure with braced framed structural system with graphical patterns in large span areas .
	<b>B</b>	Truss like light weight rigid structure constructed from interlocking struts in a geometric pattern to span large areas with few interior supports .
	<b>C</b>	Truss like heavy loaded structural system constructed from modular geometric pattern to spans less than 30 meters maximum with few interior supports
	<b>D</b>	Truss like heavy loaded structural system constructed from modular geometric pattern to spans less than 60 meters maximum with few interior supports
	<b>Correct Answer</b>	B
	<b>Marks</b>	1

44	<b>Question Description</b>	As per RERA , the carpet area means ..
	<b>A</b>	the net usable floor area of an apartment , excluding the area covered by the external walls
	<b>B</b>	the net usable floor area of an apartment , including the area covered by the external walls .
	<b>C</b>	the net usable floor area of an apartment , including the area as shown in floor area ration as per TCP .
	<b>D</b>	the net usable floor area of an apartment , including the area super built up area including lifts , staircase , passage ,etc .
	<b>Correct Answer</b>	A
	<b>Marks</b>	1
45	<b>Question Description</b>	Which of the properties are not associated with GLASS as a construction material.
	<b>A</b>	Annealed the float process
	<b>B</b>	Heat Strengthened / semi tempered C Tempered or Toughened
	<b>C</b>	Seasoned in natural process
	<b>D</b>	fused fluted
	<b>Correct Answer</b>	C
	<b>Marks</b>	1

46	<b>Question Description</b>	Among the characteristics of traditional Goan house is :
	<b>A</b>	Sloping roof with clay tiles
	<b>B</b>	Lime Plaster
	<b>C</b>	Laterite Stone Masonary
	<b>D</b>	All of the above
	<b>Correct Answer</b>	D
	<b>Marks</b>	1
47	<b>Question Description</b>	The City of Chandigarh was planned by :
	<b>A</b>	Raj Rewal
	<b>B</b>	Le Corbusier
	<b>C</b>	B.V. Doshi
	<b>D</b>	Louis Kahn
	<b>Correct Answer</b>	B
	<b>Marks</b>	1



48	<b>Question Description</b>	In most houses in Goa, sewage is disposed in tanks known as :
	<b>A</b>	Sand tanks
	<b>B</b>	Flat tanks
	<b>C</b>	Septic Tanks
	<b>D</b>	Bubble tanks
	<b>Correct Answer</b>	C
	<b>Marks</b>	1

49	<b>Question Description</b>	Goa State encompasses an area
	<b>A</b>	of 3,702 km <sup>2</sup> between the latitudes 14°53'54" N and 15°40'00" N and longitudes 73°40'33" E and 74°20'13" E with a rainfall of about 2,900 mm per year.
	<b>B</b>	of 3,602 km <sup>2</sup> between the latitudes 14°53'54" N and 15°40'00" N and longitudes 73°40'33" E and 74°20'13" E with a rainfall of about 3,900 mm per year.
	<b>C</b>	of 4,702 km <sup>2</sup> between the latitudes 14°53'54" N and 15°40'00" N and longitudes 73°40'33" E and 74°20'13" E with a rainfall of about 2,500 mm per year.
	<b>D</b>	of 3,702 km <sup>2</sup> between the latitudes 14°53'54" N and 15°40'00" N and longitudes 73°40'33" E and 74°20'13" E with a rainfall of about 1,900 mm per year.
	<b>Correct Answer</b>	A
	<b>Marks</b>	1

50

<b>Question Description</b>	A bending moment (BM) is a measure of the bending effect
<b>A</b>	that can occur when an external force (or moment) is applied to a structural element.
<b>B</b>	that can occur when an uniformly distributed load is stressed on the central structural system
<b>C</b>	that can occur when an rigid frame structural system is overlapped with wall frame system to a structural element.
<b>D</b>	that can occur when an lateral horizontal live load is transferred on the beam as a structural element.
<b>Correct Answer</b>	A
<b>Marks</b>	1

51

**Comprehension****Read the following passage and answer the questions given below it:-**

If we wish to do with war, we must provide for the settlement of national differences by an international court. This court should be in perpetual session; its members should be selected by the various Governments to be affected by its decisions, and, at the command and disposal of this court, the rest of Christendom being disarmed, there should be a military force sufficient to carry its judgement into effect. There should be no other excuse, no other business for an army or a navy in the civilized world. No man has imagination enough to paint the agonies, the horrors, and cruelties of war. Think of sending shot and shell crashing through the bodies of men!

**Question Description**

Identify the word or phrase from the passage that implies “ continuous or recurring conduct of business”

**A**

international court

**B**

army or navy in the civilized world

**C**

perpetual session

**D**

carry its judgement into effect

**Correct Answer**

C

**Marks**

1

**Comprehension**

**Read the following passage and answer the questions given below it:-**

If we wish to do with war, we must provide for the settlement of national differences by an international court. This court should be in perpetual session; its members should be selected by the various Governments to be affected by its decisions, and, at the command and disposal of this court, the rest of Christendom being disarmed, there should be a military force sufficient to carry its judgement into effect. There should be no other excuse, no other business for an army or a navy in the civilized world. No man has imagination enough to paint the agonies, the horrors, and cruelties of war. Think of sending shot and shell crashing through the bodies of men!

**Question Description**

Find a phrase that means “sending shot and shell crashing through bodies of men!”

**A**

firing bullets and lobbing grenades

**B**

shooting arrows in the dark

**C**

firing bullets and shooting water hoses

**D**

bombing unarmed men

**Correct Answer**

A

**Marks**

1

53

**Comprehension****Read the following passage and answer the questions given below it:-**

If we wish to do with war, we must provide for the settlement of national differences by an international court. This court should be in perpetual session; its members should be selected by the various Governments to be affected by its decisions, and, at the command and disposal of this court, the rest of Christendom being disarmed, there should be a military force sufficient to carry its judgement into effect. There should be no other excuse, no other business for an army or a navy in the civilized world. No man has imagination enough to paint the agonies, the horrors, and cruelties of war. Think of sending shot and shell crashing through the bodies of men!

**Question Description**

Which of the following is implied by “its” in the statement “the military force is expected to carry the its judgement into effect”

**A**

the government of the day

**B**

the civilized world

**C**

Christendom

**D**

the international court

**Correct Answer**

D

**Marks**

1

54

**Comprehension****Read the following passage and answer the questions given below it:-**

If we wish to do with war, we must provide for the settlement of national differences by an international court. This court should be in perpetual session; its members should be selected by the various Governments to be affected by its decisions, and, at the command and disposal of this court, the rest of Christendom being disarmed, there should be a military force sufficient to carry its judgement into effect. There should be no other excuse, no other business for an army or a navy in the civilized world. No man has imagination enough to paint the agonies, the horrors, and cruelties of war. Think of sending shot and shell crashing through the bodies of men!

**Question Description**

The passage implies that the only task or function for the forces in a civilized world should be only

**A** to impeach the governments that defy the international courts

**B** to ensure that the court is in perpetual session

**C** to effectively implement the decisions of the international court

**D** to make sure that the rest of Christendom is disarmed

**Correct Answer**

C

**Marks**

1

**Comprehension**

**Read the following passage and answer the questions given below it:-**

If we wish to do with war, we must provide for the settlement of national differences by an international court. This court should be in perpetual session; its members should be selected by the various Governments to be affected by its decisions, and, at the command and disposal of this court, the rest of Christendom being disarmed, there should be a military force sufficient to carry its judgement into effect. There should be no other excuse, no other business for an army or a navy in the civilized world. No man has imagination enough to paint the agonies, the horrors, and cruelties of war. Think of sending shot and shell crashing through the bodies of men!

**Question Description**

“No man has imagination enough to paint the agonies, the horrors, and cruelties of war.” This sentence can be correctly re-written as

**A**

Every man lacks adequate imagination not to paint the agonies

**B**

All men lack adequate imagination to paint the agonies

**C**

Some men lack adequate imagination to paint the agonies

**D**

All men do not lack the imagination enough to paint the agonies

**Correct Answer**

B

**Marks**

1

56	<b>Question Description</b>	Mary Kom Settles with which Medal at 2021 Asian Boxing Championships?
	<b>A</b>	Silver
	<b>B</b>	Gold
	<b>C</b>	Bronze
	<b>D</b>	None of above
	<b>Correct Answer</b>	A
	<b>Marks</b>	1

57	<b>Question Description</b>	In India, which day is observed as National Fish Farmers' Day?
	<b>A</b>	09 July
	<b>B</b>	07 July
	<b>C</b>	10 July
	<b>D</b>	08 July
	<b>Correct Answer</b>	C
	<b>Marks</b>	1



58	<b>Question Description</b>	Who composed the famous song 'Sare Jahan Se Achha'?
	<b>A</b>	Jaidev
	<b>B</b>	Mohammad Iqbal
	<b>C</b>	Bankim Chandra Chattopadhyay
	<b>D</b>	Rabindranath Tagore
	<b>Correct Answer</b>	B
	<b>Marks</b>	1

59	<b>Question Description</b>	Rahi Sarnobat has claimed a gold medal for India in which event?
	<b>A</b>	Shooting
	<b>B</b>	Archery
	<b>C</b>	Boxing
	<b>D</b>	Fencing
	<b>Correct Answer</b>	A
	<b>Marks</b>	1

60

<b>Question Description</b>	The ratio of width of our National flag to its length is
<b>A</b>	3:5
<b>B</b>	2:3
<b>C</b>	2:4
<b>D</b>	3:4
<b>Correct Answer</b>	B
<b>Marks</b>	1

61

<b>Question Description</b>	Who has launched Agatsu Foundation to help people with mental health issues?
<b>A</b>	Sonusood
<b>B</b>	Ira Khan
<b>C</b>	Salman Khan
<b>D</b>	Virat Kohli
<b>Correct Answer</b>	B
<b>Marks</b>	1

62	<b>Question Description</b>	Who has been named as the Ambassador of Forest Frontline Heroes by WWF India?
	<b>A</b>	Upasana Kamineni
	<b>B</b>	Amala Akkineni
	<b>C</b>	Shruti Haasan
	<b>D</b>	Samantha Akkineni
	<b>Correct Answer</b>	A
	<b>Marks</b>	1
63	<b>Question Description</b>	Which state government has launched 'Vedic Siksha&Sanskar Board'?
	<b>A</b>	Uttar Pradesh
	<b>B</b>	Punjab
	<b>C</b>	Rajasthan
	<b>D</b>	Bihar
	<b>Correct Answer</b>	C
	<b>Marks</b>	1

64	<b>Question Description</b>	Jude Felix is a famous Indian player in which of the fields?
	<b>A</b>	Volleyball
	<b>B</b>	Tennis
	<b>C</b>	Football
	<b>D</b>	Hockey
	<b>Correct Answer</b>	D
	<b>Marks</b>	1
65	<b>Question Description</b>	Who will take over as New CEO of Amazon?
	<b>A</b>	Michael Holder
	<b>B</b>	Andy Jassy
	<b>C</b>	Anthony Bretman
	<b>D</b>	Julius Boros
	<b>Correct Answer</b>	B
	<b>Marks</b>	1

66	<b>Question Description</b>	In a certain code language, HAND is written as SZMW, then the code of MILK will be _____.
	<b>A</b>	ORNP
	<b>B</b>	PNRO
	<b>C</b>	NROP
	<b>D</b>	RNOP
	<b>Correct Answer</b>	C
	<b>Marks</b>	1

67	<b>Question Description</b>	The missing number in the series 325, 259, 204, 160, 127,..... 94 is _____.
	<b>A</b>	94
	<b>B</b>	105
	<b>C</b>	110
	<b>D</b>	123
	<b>Correct Answer</b>	B
	<b>Marks</b>	1

68

**Question Description**

Read the following information to answer the given question.

- Five brothers are standing in a row facing the North direction.
- Tony is not adjacent to Bonny or Mony. Sony is not adjacent to Bonny. Tony is adjacent to Donny. Donny is at the middle in the row.

Then, the pair at the extreme ends is \_\_\_\_\_

**A**

Tony, Donny

**B**

Dony, Bonny

**C**

Sony, Mony

**D**

Mony, Tony

**Correct Answer**

C

**Marks**

1

69	<b>Question Description</b>	Two pipes A & B can fill the tank in 12 hours and 36 hours respectively. If both the pipes are opened simultaneously, the time that will be required to fill the tank is _____
	<b>A</b>	6 hours
	<b>B</b>	9 hours
	<b>C</b>	12 hours
	<b>D</b>	15 hours
	<b>Correct Answer</b>	B
	<b>Marks</b>	1

70	<b>Question Description</b>	The next number in the sequence 3, 6, 9, 30, 117.... is _____
	<b>A</b>	192
	<b>B</b>	352
	<b>C</b>	388
	<b>D</b>	588
	<b>Correct Answer</b>	D
	<b>Marks</b>	1

71	<b>Question Description</b>	Given $B_2CD$ , ....., $BCD_4$ , $B_5CD$ , $BC_6D$ . The letter-number combination which completes the series is _____
	<b>A</b>	$B_2C_2D$
	<b>B</b>	$BC_3D$
	<b>C</b>	$B_2C_3D$
	<b>D</b>	$BCD_7$
	<b>Correct Answer</b>	B
	<b>Marks</b>	1

72	<b>Question Description</b>	<p>Here are some words translated from an artificial language.</p> <ul style="list-style-type: none"> <li>• agnoscrenia means poisonous spider</li> <li>• delanocrenia means poisonous snake</li> <li>• agnosdeery means brown spider</li> </ul> <p>The word which could mean "black widow spider" is _____</p>
	<b>A</b>	Deeryclostagnos
	<b>B</b>	Agnosdelano
	<b>C</b>	Agnosvitriblunin
	<b>D</b>	Trymuttiagnos
	<b>Correct Answer</b>	C
	<b>Marks</b>	1



73

**Question Description**

If the words given below is to have a meaningful sequence then the order would to have to be \_\_\_\_\_.

1. Windows
2. Walls
3. Floor
4. Foundation
5. Roof
6. Room

**A**

4, 1, 5, 6, 2, 3

**B**

4, 2, 1, 5, 3, 6

**C**

4, 3, 5, 6, 2, 1

**D**

4, 5, 3, 2, 1, 6

**Correct Answer**

B

**Marks**

1

74	<b>Question Description</b>	The time that the hands of a clock will be in the same straight line forming an angle of 180 degrees but not together between 7AM and 8AM will be _____.
	<b>A</b>	5 (5/11) min past 7AM
	<b>B</b>	5 (4/11) min past 7AM
	<b>C</b>	5 (3/11) min past 7AM
	<b>D</b>	5 (2/11) min past 7AM
	<b>Correct Answer</b>	A
	<b>Marks</b>	1

75	<b>Question Description</b>	In a top secret message, if LIVING is coded as KGSHLD. Then BUDDHA will be coded as _____.
	<b>A</b>	ATEEIB
	<b>B</b>	ASACFX
	<b>C</b>	ATCCGZ
	<b>D</b>	KGSHLD
	<b>Correct Answer</b>	B
	<b>Marks</b>	1