

Exported On *	2025/09/29 10:38:55
Title *	Question Paper Answer Key
OES Exam *	GPSC07202506 Lecturer in Architectural Assistantship Completed 2025-09-28

1	Question Description	The most energy-efficient glass used in green buildings, reducing UV and heat gain, is:
	A	Clear float glass
	B	Double glazing glass
	C	Reflective glass
	D	Low-E (Low Emissivity) glass
	E	None of the above
	Correct Answer	D
	Marks	1

2	Question Description	The Mahadeva temple at Tambdi Surla, Goa is an example of which Architecture?
	A	Chola
	B	Maurya
	C	Pallava
	D	Kadamba
	E	None of the above
	Correct Answer	D
	Marks	1
3	Question Description	In the Smart Cities Mission of India, the “area-based development” approach mainly includes:
	A	Expansion of highways only
	B	Retrofitting, redevelopment, and greenfield development
	C	Industrial zoning and mining areas
	D	Exclusive IT corridor development
	E	None of the above
	Correct Answer	B
	Marks	1

4

Question Description	In a building designed in Commercial C2 Zone, as per the Goa land development Regulation act, Floor area ratio is :
A	3000
B	900
C	150
D	1800
E	None of the above
Correct Answer	C
Marks	1

5

Question Description	GRIHA (Green Rating for Integrated Habitat Assessment) is the national rating system for green buildings in India, developed by:
A	US Green Building Council
B	The Energy and Resources Institute (TERI)
C	Bureau of Indian Standards
D	Ministry of Urban Development only
E	None of the above
Correct Answer	B
Marks	1

6

Question Description	The famous Sun Temple at Konark, designed in the form of a chariot, belongs to which style of Hindu temple architecture?
A	Nagara style
B	Vesara style
C	Dravida style
D	Maru-Gurjara style
E	None of the above
Correct Answer	A
Marks	1

7

Question Description	The wind rose diagram used in site analysis is primarily meant to:
A	Show soil texture
B	Indicate sun angles
C	Represent wind direction and frequency
D	Indicate rainfall pattern
E	None of the above
Correct Answer	C
Marks	1

8

Question Description	The famous temple complex in Karnataka an example of Hoysala Architecture is at
A	Belur and Halebid
B	Tumkur
C	Karwar
D	Dandeli
E	None of the above
Correct Answer	A
Marks	1

9	Question Description	In Autodesk Revit, families are used to represent:
	A	2D drafting lines
	B	Parametric building components
	C	Camera views only
	D	Text annotations
	E	None of the above
	Correct Answer	B
10	Marks	1
	Question Description	Which of the following is the primary compound responsible for the initial setting of cement?
	A	Tricalcium silicate (C3S)
	B	Tricalcium aluminate (C3A)
	C	Dicalcium silicate (C2S)
	D	Tetracalcium aluminoferrite (C4AF)
	E	None of the above
	Correct Answer	B
	Marks	1

11	Question Description	For a family of 8, requirement of water per day is
	A	100 litres
	B	10 litres
	C	1080 litres
	D	108 litres
	E	None of the above
	Correct Answer	C
	Marks	1
12	Question Description	Which of the following materials is best suited for thermal insulation in buildings?
	A	Expanded polystyrene (EPS)
	B	Asbestos sheet
	C	Steel sheet
	D	Concrete block
	E	None of the above
	Correct Answer	A
	Marks	1

13

Question Description	In 3D working in AutoCad, a 3D object can be created from a 2D planar form using the term :
A	Divide
B	Extrude
C	Share
D	Slice
E	None of the above
Correct Answer	B
Marks	1

14

Question Description	M15 refers to a concrete mix of :
A	1: 15: 30
B	1: 2: 4
C	1: 8 : 16
D	1: 6 : 12
E	None of the above
Correct Answer	B
Marks	1

15

Question Description	In a smart building, an integrated system that automatically controls lighting, HVAC, and security is known as:
A	SCADA
B	Building Management System (BMS)
C	Power Distribution System
D	Supervisory Relay System
E	None of the above
Correct Answer	B
Marks	1

16

Question Description	Flying buttresses in Goa is seen in :
A	Basilica of Bom Jesus
B	Cabo de Rama fort
C	Mangueshi temple
D	Tiracol fort
E	None of the above
Correct Answer	A
Marks	1

17

Question Description	The industry foundation classes (IFC) in BIM are primarily used for:
A	File compression
B	Material rendering
C	Data exchange and interoperability
D	2D drafting
E	None of the above
Correct Answer	C
Marks	1

18

Question Description	The “triple bottom line” principle of sustainability refers to:
A	Economy, Efficiency, Energy
B	Environment, Economy, Equity (Social)
C	Productivity, Profit, Practice
D	Resource, Reuse, Recycle
E	None of the above
Correct Answer	B
Marks	1

19	Question Description	The “neighbourhood unit” concept in town planning was proposed by:
	A	Le Corbusier
	B	Clarence Perry
	C	Ebenezer Howard
	D	Patrick Geddes
	E	None of the above
	Correct Answer	B
20	Marks	1
	Question Description	For efficient lighting design in offices, the recommended level of illumination is about:
	A	50–100 lux
	B	300–500 lux
	C	600–800 lux
	D	1000 lux
	E	None of the above
	Correct Answer	B
	Marks	1

21	Question Description	If a bar of length L extends by ΔL under load, then the strain is:
	A	$\Delta L / L$
	B	$L / \Delta L$
	C	Stress $\times$ Area
	D	Force / Area
	E	None of the above
	Correct Answer	A
22	Marks	1
	Question Description	In compass surveying, the error caused due to local attraction is best detected by:
	A	Comparing fore bearing and back bearing
	B	Using a longer chain
	C	Taking multiple readings at different times
	D	Avoiding compass near metallic objects
	E	None of the above
	Correct Answer	A
	Marks	1

23

Question Description	Rat trap bond is a term used in
A	Brick Masonary construction
B	Doors
C	Footings
D	Stairs
E	None of the above
Correct Answer	A
Marks	1

24	Question Description	The depth of a shallow foundation is usually kept:
	A	Greater than its width
	B	Less than its width
	C	Equal to its width
	D	Independent of its width
	E	None of the above
	Correct Answer	B
25	Marks	1
	Question Description	Dog legged is a term used in
	A	Roofs
	B	Openings
	C	Lifts
	D	Staircases
	E	None of the above
	Correct Answer	D
	Marks	1

26	Question Description	At the point of contraflexure in a beam:
	A	Shear force is maximum
	B	Shear force is zero
	C	Bending moment is zero
	D	Bending moment changes sign
	E	None of the above
	Correct Answer	D
27	Marks	1
	Question Description	Which of the following is considered a sustainable alternative to traditional concrete?
	A	Lightweight aggregate concrete
	B	Geopolymer concrete
	C	Fiber-reinforced concrete
	D	Prestressed concrete
	E	None of the above
	Correct Answer	B
	Marks	1

28	Question Description	Stress is defined as:
	A	Load × Area
	B	Load / Area
	C	Change in length / Original length
	D	All of the above
	E	None of the above
	Correct Answer	A
	Marks	1
29	Question Description	Item rate contract is a term used in :
	A	Elevations
	B	Drawing
	C	Surveying
	D	Estimation
	E	None of the above
	Correct Answer	D
	Marks	1

30	Question Description	The window provided on the sloping surface of a pitched roof is known as:
	A	Bay window
	B	Dormer window
	C	Clerestory window
	D	Skylight
	E	None of the above
	Correct Answer	B
31	Marks	1
	Question Description	Which method of approximate estimation is best suited for multi-storey buildings?
	A	Plinth area method
	B	Cube rate method
	C	Unit base method
	D	Comparative cost method
	E	None of the above
	Correct Answer	B
	Marks	1

32	Question Description	Which of the following is a type of connection in steel works?
	A	Walling
	B	Welding
	C	Winning
	D	Warping
	E	None of the above
	Correct Answer	B
	Marks	1
33	Question Description	The Villa Savoye, designed by Le Corbusier, embodies which modern design principle?
	A	Ornamentation and detailing
	B	Five points of architecture
	C	Brutalist expression
	D	Postmodern eclecticism
	E	None of the above
	Correct Answer	B
	Marks	1

34	Question Description	The Pantheon is an example of :
	A	Roman Architecture
	B	Byzantine Architecture
	C	Persian Architecture
	D	Gothic Architecture
	E	None of the above
	Correct Answer	A
	Marks	1
35	Question Description	A door shutter that rotates about a vertical axis and can swing both inward and outward is called:
	A	Sliding door
	B	Revolving door
	C	Swing door
	D	Pivoted door
	E	None of the above
	Correct Answer	C
	Marks	1

36	Question Description	Which coordinate system is the default in AutoCAD for drafting?
	A	Polar coordinates
	B	Relative coordinates
	C	Cartesian coordinates
	D	Cylindrical coordinates
	E	None of the above
	Correct Answer	C
	Marks	1
37	Question Description	In calculation of beam depths, Bending Moments are equated to :
	A	Moment of Fixity
	B	Moment of Resistance
	C	Moment of Elasticity
	D	Moment of Yield
	E	None of the above
	Correct Answer	B
	Marks	1

38	Question Description	The most commonly used refrigerant in modern HVAC systems, replacing older CFCs, is:
	A	R-22
	B	R-134a
	C	Ammonia
	D	Carbon dioxide
	E	None of the above
	Correct Answer	B
39	Marks	1
	Question Description	The main road connecting one town to another is classified as:
	A	Local street
	B	Arterial road
	C	Collector street
	D	Sub-arterial road
	E	None of the above
	Correct Answer	B
	Marks	1

40	Question Description	A road ending in a wider width to allow for turning of vehicles is referred to as :
	A	Right of way
	B	Cul de Sac
	C	Full Drive
	D	Drive Way
	E	None of the above
	Correct Answer	B
41	Marks	1
	Question Description	. Which of the following can be considered as a sustainable Architectural practice ?
	A	Rain Water Harvesting
	B	Using materials that are not locally available.
	C	Use of steel
	D	All of the above
	E	None of the above
	Correct Answer	A
	Marks	1

42	Question Description	Earthquake resistance in structures is enhanced by use of :
	A	Tie beams
	B	Tie columns
	C	Tie haunches
	D	Tie floats
	E	None of the above
	Correct Answer	A
	Marks	1

43	Question Description	Soil bearing Capacity is considered in design of :
	A	Footings
	B	Beams
	C	Columns
	D	Slab
	E	None of the above
	Correct Answer	A
	Marks	1

44

Question Description	Flying buttresses are structural elements most commonly associated with which style of European architecture?
A	Renaissance
B	Gothic
C	Baroque
D	Romanesque
E	None of the above
Correct Answer	B
Marks	1

45	Question Description	One of the features of traditional Goan houses is :
	A	Sloping roof with mangalore tiles
	B	Flat roof with Aluminium deck.
	C	Sloping roof with Polycarbonate sheets
	D	Flat roof with Asbestos Sheets
	E	None of the above
	Correct Answer	A
	Marks	1
46	Question Description	Analysis of rates in costing is carried out to:
	A	Finalize architectural drawings
	B	Determine unit cost of an item of work
	C	Reduce quantity of materials
	D	Avoid market fluctuations
	E	None of the above
	Correct Answer	B
	Marks	1

47	Question Description	In subdivision of land of area, 58000 square metres, area of open space required to be provided is :
	A	500 sq.m
	B	90000 sq.m
	C	1500 sq.m
	D	8700 sq.m
	E	None of the above
	Correct Answer	D
48	Marks	1
	Question Description	The process of estimating the value of a property for taxation, sale, or insurance is termed as:
	A	Costing
	B	Estimation
	C	Valuation
	D	Depreciation
	E	None of the above
	Correct Answer	C
	Marks	1

49

Question Description	King post is a type of
A	Truss
B	Floor
C	Door
D	Stair
E	None of the above
Correct Answer	A
Marks	1

50

Question Description	A theodolite is primarily used for the measurement of:
A	Horizontal and vertical angles
B	Elevation differences
C	Distances between points
D	Contour intervals
E	None of the above
Correct Answer	A
Marks	1

51

Comprehension

READ THE PASSAGE AND ANSWER THE QUESTIONS:

The phenomenon of language extinction presents a critical challenge to cultural diversity worldwide. Linguistic diversity encapsulates unique worldviews, traditions, and historical narratives intertwined within speech and expression. However, globalization and homogenizing forces of dominant languages continue to marginalize minority tongues, risking irreparable loss. Scholars argue that language preservation is not only about safeguarding words but also about protecting collective identities and knowledge systems rooted in indigenous languages. Revival efforts thus emphasize community participation, digital documentation, and intergenerational transmission to reinvigorate endangered languages. Despite advancements, practical challenges abound, including insufficient resources, political neglect, and urban migration patterns that detach younger generations from native idioms. Ultimately, the urgency lies in not just recognizing linguistic loss but mobilizing multifaceted strategies to preserve the tapestry of human expression for posterity.

Question Description

According to the passage, what does linguistic diversity encompass?

A

Economic progress

B

Unique worldviews and cultural narratives

C

Only words and grammar

D

Global business languages

E

None of the above

Correct Answer

B

Marks

1

52

Comprehension	READ THE PASSAGE AND ANSWER THE QUESTIONS: The phenomenon of language extinction presents a critical challenge to cultural diversity worldwide. Linguistic diversity encapsulates unique worldviews, traditions, and historical narratives intertwined within speech and expression. However, globalization and homogenizing forces of dominant languages continue to marginalize minority tongues, risking irreparable loss. Scholars argue that language preservation is not only about safeguarding words but also about protecting collective identities and knowledge systems rooted in indigenous languages. Revival efforts thus emphasize community participation, digital documentation, and intergenerational transmission to reinvigorate endangered languages. Despite advancements, practical challenges abound, including insufficient resources, political neglect, and urban migration patterns that detach younger generations from native idioms. Ultimately, the urgency lies in not just recognizing linguistic loss but mobilizing multifaceted strategies to preserve the tapestry of human expression for posterity.
Question Description	Why do dominant languages risk minority languages?
A	They offer financial benefits
B	They marginalize minority languages through globalization
C	They simplify communication
D	They are easier to learn
E	None of the above
Correct Answer	B
Marks	1

53

Comprehension

READ THE PASSAGE AND ANSWER THE QUESTIONS:

The phenomenon of language extinction presents a critical challenge to cultural diversity worldwide. Linguistic diversity encapsulates unique worldviews, traditions, and historical narratives intertwined within speech and expression. However, globalization and homogenizing forces of dominant languages continue to marginalize minority tongues, risking irreparable loss. Scholars argue that language preservation is not only about safeguarding words but also about protecting collective identities and knowledge systems rooted in indigenous languages. Revival efforts thus emphasize community participation, digital documentation, and intergenerational transmission to reinvigorate endangered languages. Despite advancements, practical challenges abound, including insufficient resources, political neglect, and urban migration patterns that detach younger generations from native idioms. Ultimately, the urgency lies in not just recognizing linguistic loss but mobilizing multifaceted strategies to preserve the tapestry of human expression for posterity.

Question Description

What are key strategies for language preservation mentioned?

A

Commercialization and regulation

B

Community participation and digital documentation

C

Forced mandating

D

Urbanization

E

None of the above

Correct Answer

B

Marks

1

54

Comprehension

READ THE PASSAGE AND ANSWER THE QUESTIONS:

The phenomenon of language extinction presents a critical challenge to cultural diversity worldwide. Linguistic diversity encapsulates unique worldviews, traditions, and historical narratives intertwined within speech and expression. However, globalization and homogenizing forces of dominant languages continue to marginalize minority tongues, risking irreparable loss. Scholars argue that language preservation is not only about safeguarding words but also about protecting collective identities and knowledge systems rooted in indigenous languages. Revival efforts thus emphasize community participation, digital documentation, and intergenerational transmission to reinvigorate endangered languages. Despite advancements, practical challenges abound, including insufficient resources, political neglect, and urban migration patterns that detach younger generations from native idioms. Ultimately, the urgency lies in not just recognizing linguistic loss but mobilizing multifaceted strategies to preserve the tapestry of human expression for posterity.

Question Description

Which practical challenge to language revival is NOT mentioned?

A

Political neglect

B

Urban migration of youth

C

Insufficient resources

D

Environmental degradation

E

None of the above

Correct Answer

D

Marks

1

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Comprehension

READ THE PASSAGE AND ANSWER THE QUESTIONS:

The phenomenon of language extinction presents a critical challenge to cultural diversity worldwide. Linguistic diversity encapsulates unique worldviews, traditions, and historical narratives intertwined within speech and expression. However, globalization and homogenizing forces of dominant languages continue to marginalize minority tongues, risking irreparable loss. Scholars argue that language preservation is not only about safeguarding words but also about protecting collective identities and knowledge systems rooted in indigenous languages. Revival efforts thus emphasize community participation, digital documentation, and intergenerational transmission to reinvigorate endangered languages. Despite advancements, practical challenges abound, including insufficient resources, political neglect, and urban migration patterns that detach younger generations from native idioms. Ultimately, the urgency lies in not just recognizing linguistic loss but mobilizing multifaceted strategies to preserve the tapestry of human expression for posterity.

Question Description

What is the passage's central argument about language loss?

A

It is inevitable and unimportant

B

It requires urgent multifaceted preservation efforts

C

It is a purely linguistic issue

D

It benefits economic growth

E

None of the above

Correct Answer

B

Marks

1

56	Question Description	Which tech company has partnered with the International Cricket Council (ICC) to promote women's cricket globally?
	A	Microsoft
	B	Amazon
	C	Meta
	D	Google
	E	None of the above
	Correct Answer	D
	Marks	1
57	Question Description	Which organization signed MoU with ICAR-CMFRI for Matsya Shakti Project implementation?
	A	Ministry of Fisheries
	B	Ministry of Minority Affairs
	C	Ministry of Rural Development
	D	Ministry of Tribal Affairs
	E	None of the above
	Correct Answer	B
	Marks	1

58	Question Description	Which major motorsport event is scheduled in Goa on November 1–2, 2025, marking a new milestone in the state's sports tourism?
	A	Goa International Boat Race 2025
	B	Goa Street Race 2025
	C	Goa Triathlon 2025
	D	IRONMAN Goa
	E	None of the above
	Correct Answer	B
	Marks	1
59	Question Description	Which scheme was launched to improve fisheries sector in August 2025?
	A	Matsya Shakti
	B	Jal Jeevan Mission
	C	PM-Fasal Bima Yojana
	D	Kisan Credit
	E	None of the above
	Correct Answer	A
	Marks	1

60	Question Description	What was the theme for GeM's 9th Foundation Day?
	A	Digital Procurement
	B	Ease, Access and Inclusion
	C	Women Empowerment
	D	Transparency
	E	None of the above
	Correct Answer	B
	Marks	1
61	Question Description	Goa Tourism was awarded in 2025 for which distinction?
	A	Best Adventure Destination
	B	Best Wedding Destination
	C	Most Sustainable Tourism Spot
	D	Best Heritage City
	E	None of the above
	Correct Answer	B
	Marks	1

62	Question Description	What significant healthcare event Goa hosted in September 2025?
	A	International Medical Summit
	B	Ayurveda Day Celebration
	C	National Homeopathy Fair
	D	Asia-Pacific Wellness Conclave
	E	None of the above
	Correct Answer	B
	Marks	1
63	Question Description	Which government initiative achieved a Guinness World Record for citizen engagement registrations in August 2025?
	A	PM-CARES
	B	Ayushman Bharat
	C	Pariksha Pe Charcha
	D	Digital India
	E	None of the above
	Correct Answer	C
	Marks	1

64	Question Description	Which tennis player became the first woman since Serena Williams to win back-to-back US Open titles in 2025?
	A	Amanda Anisimova
	B	Aryna Sabalenka
	C	Iga Swiatek
	D	Coco Gauff
	E	None of the above
	Correct Answer	B
	Marks	1
65	Question Description	Who became the first Indian to win gold at the FIDE World Cup Chess 2025?
	A	Pentala Harikrishna
	B	Viswanathan Anand
	C	R Praggnanandhaa
	D	Divya Deshmukh
	E	None of the above
	Correct Answer	D
	Marks	1

66

Question Description

Choose the pair that best represents a similar relationship to the one expressed in the original pair of words.
FISH : SHOAL

A

wolf : pack

B

elephant : jungle

C

beagle : clan

D

herd : peacock

E

None of the above

Correct Answer

A

Marks

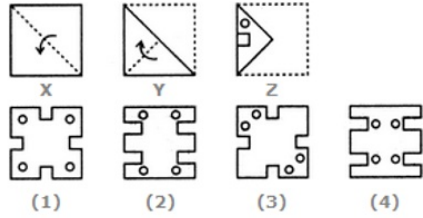
1

67	Question Description Exports and imports, a swelling favourable balance of trade, investments and bank-balances, are not an index or a balance sheet of national prosperity. Till the beginning of the Second World War, English exports were noticeably greater than what they are today. And yet England has greater national prosperity today than it ever had. Because the income of average Englishmen, working as field and factory labourers, clerks, policemen, petty shopkeepers and shop assistants, domestic workers and other low-paid workers, has gone up. The passage best supports the statement that:	
	A a country's economic standard can be best adjudged by per capital income.	
	B a country's balance of trade is the main criteria of determining its economic prosperity.	
	C a nation's economy strengthens with the increase in exports.	
	D English trade has continually increased since the Second World War.	
	E None of the above	
	Correct Answer A	
	Marks 1	

68

Question Description

Choose a figure which would most closely resemble the unfolded form of Figure (Z).

**A**

1

B

2

C

3

D

4

E

None of the above

Correct Answer

C

Marks

1

69

Question Description

Choose the alternative which is closely resembles the mirror image of the given combination.

JUDGEMENT

(1) TNEMEGDUJ

(2) TNEMEGDUL

(3) TNEMEGDUL

(4) LUDGEMENT

A

1

B

2

C

3

D

4

E

None of the above

Correct Answer

C

Marks

1

70

Question Description	Find the statement that must be true according to the given information. Sara lives in a large city on the East Coast. Her younger cousin Marlee lives in the Mid-west in a small town with fewer than 1,000 residents. Marlee has visited Sara several times during the past five years. In the same period of time, Sara has visited Marlee only once.
A	Marlee likes Sara better than Sara likes Marlee.
B	Sara thinks small towns are boring.
C	Sara is older than Marlee.
D	Marlee wants to move to the East Coast.
E	None of the above
Correct Answer	C
Marks	1

71

Question Description

Here are some words translated from an artificial language.

agnoscrenia means poisonous spider

delanocrenia means poisonous snake

agnosdeery means brown spider

Which word could mean "black widow spider"?

A

deeryclostagnos

B

agnosdelano

C

agnosvitribulunin

D

trymuttiagnos

E

None of the above

Correct Answer

C

Marks

1

72

Question Description	Look at this series: 4, 7, 25, 10, __, 20, 16, 19. What number should fill the blank?
A	13
B	15
C	20
D	28
E	None of the above
Correct Answer	A
Marks	1

73

Question Description	ZA ₅ , Y ₄ B, XC ₆ , W ₃ D, ____?__
A	E ₇ V
B	V ₂ E
C	VE ₅
D	VE ₇
E	None of the above
Correct Answer	D
Marks	1

Question Description

Below is given a statement followed by two conclusions numbered I and II. You have to assume everything in the statement to be true, then consider the two conclusions together and decide which of them logically follows beyond a reasonable doubt from the information given in the statement.

Statements: Although the education system has progressed from the point of view of the number of schools, most of them are ill-equipped and have not achieved excellence in imparting education.

Conclusions:

I. In future, we should provide good teachers and equipment to these schools.

II. We need not open any more schools in the future.

A

Only conclusion I follows

B

Only conclusion II follows

C

Either I or II follows

D

Neither I nor II follows

E

None of the above

Correct Answer

A

Marks

1

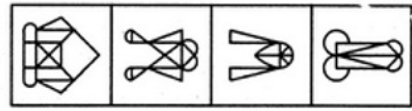
75

Question Description

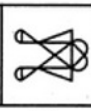
Find out the alternative figure which contains figure (X) as its part.



(X)



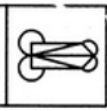
(1)



(2)



(3)



(4)

A

1

B

2

C

3

D

4

E

None of the above

Correct Answer

B

Marks

1