

Computer Based Examination System

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Title *	Question Paper Answer Key
OES Exam *	GPSC13202007 Assistant Professors in Government College in Geography Completed 2021-04-10

1	<b>Question Description</b>	Read the following statements  i. Weathering is an in-situ process ii. Magnitude of weathering depends on climate.  Select the correct answer from the following
	<b>A</b>	Only i
	<b>B</b>	Only ii
	<b>C</b>	Both i and ii
	<b>D</b>	Neither i nor ii
	<b>Correct Answer</b>	C
	<b>Marks</b>	1

2

<b>Question Description</b>	What is the new international threshold for poverty
<b>A</b>	\$1.9/day
<b>B</b>	\$1.25/day
<b>C</b>	\$1/day
<b>D</b>	2/day
<b>Correct Answer</b>	A
<b>Marks</b>	1

3

<b>Question Description</b>	How much percent (approximate) of the world's population and World land area does India hold?
<b>A</b>	25 % and 5%
<b>B</b>	15 % and 1.5%
<b>C</b>	30 % and 3.5%
<b>D</b>	18 % and 2.5%
<b>Correct Answer</b>	D
<b>Marks</b>	1

4	<b>Question Description</b>	Which among the following pairs of Tribes and their Habitat is <b>not</b> correctly matched?
	<b>A</b>	Zambos – Inhabitants of south America
	<b>B</b>	Semai – Tribal societies of Malaysia
	<b>C</b>	Yakuts – People of South Africa
	<b>D</b>	Veddas – Racial stock of Sri Lanka
	<b>Correct Answer</b>	C
	<b>Marks</b>	1
5	<b>Question Description</b>	The statement that “Egypt is the gift of the river Nile” is attributed to
	<b>A</b>	Aristotle
	<b>B</b>	Strabo
	<b>C</b>	Herodotus
	<b>D</b>	Seneca
	<b>Correct Answer</b>	C
	<b>Marks</b>	1

6	<b>Question Description</b>	What is the threshold for water stress (in terms of freshwater availability per capita)
	<b>A</b>	1700,No
	<b>B</b>	1450,No
	<b>C</b>	1700,Yes
	<b>D</b>	1450,Yes
	<b>Correct Answer</b>	C
	<b>Marks</b>	1
7	<b>Question Description</b>	Circular Economy is an emerging concept in sustainability space, How much circular our global economy is today (approx.)?:
	<b>A</b>	2%
	<b>B</b>	3%
	<b>C</b>	9%
	<b>D</b>	12%
	<b>Correct Answer</b>	C
	<b>Marks</b>	1

8	<b>Question Description</b>	As part of its commitment to Paris Agreement on Climate Change India pledged to reduce the greenhouse gas emission intensity of its economy by 2030, compared to the 2005 levels:
	<b>A</b>	17-21%
	<b>B</b>	22-25%
	<b>C</b>	33%-35%
	<b>D</b>	40-45%
	<b>Correct Answer</b>	C
	<b>Marks</b>	1

9	<b>Question Description</b>	By 1970, India had only five national parks, number of national parks increased to by mid 2020
	<b>A</b>	25
	<b>B</b>	75
	<b>C</b>	105
	<b>D</b>	135
	<b>Correct Answer</b>	C
	<b>Marks</b>	1

10	<b>Question Description</b>	Identify the value for 'Replacement level fertility' from the following options
	<b>A</b>	1.6
	<b>B</b>	2.1
	<b>C</b>	3.1
	<b>D</b>	3.5
	<b>Correct Answer</b>	B
	<b>Marks</b>	1
11	<b>Question Description</b>	India's crude oil import costs about (per year)
	<b>A</b>	USD 80 billion
	<b>B</b>	USD 120 billion
	<b>C</b>	USD 150 billion
	<b>D</b>	USD 180 billion
	<b>Correct Answer</b>	B
	<b>Marks</b>	1

12	<b>Question Description</b>	NDVI (Normalized Difference Vegetation Index) is an image transformation technique, which is used to highlight the vegetation areas in the satellite image. Which of the following bands are used to calculate NDVI?
	<b>A</b>	Infrared, green
	<b>B</b>	Infrared, red, green
	<b>C</b>	Green, red
	<b>D</b>	Infrared, red
	<b>Correct Answer</b>	D
	<b>Marks</b>	1

13	<b>Question Description</b>	'Rights to intergenerational equity and sustainability' is an example of:
	<b>A</b>	First Generation Fundamental Right,
	<b>B</b>	Second Generation Fundamental Right,
	<b>C</b>	Third Generation Fundamental right, and
	<b>D</b>	International right conferred by the United Nations
	<b>Correct Answer</b>	C
	<b>Marks</b>	1

14	<b>Question Description</b>	What is the unit for measurement of stratospheric ozone concentration?:
	<b>A</b>	Parts per million (ppm),
	<b>B</b>	Dobson unit (DU),
	<b>C</b>	Percent (%) and
	<b>D</b>	Microgram per unit cubic meter ( $\mu\text{g}/\text{m}^3$ )
	<b>Correct Answer</b>	B
	<b>Marks</b>	1
15	<b>Question Description</b>	Which year forest survey of India established
	<b>A</b>	1981
	<b>B</b>	1987
	<b>C</b>	1948
	<b>D</b>	2007
	<b>Correct Answer</b>	A
	<b>Marks</b>	1

16	<b>Question Description</b>	The instrument used for recording earthquake waves is:
	<b>A</b>	Barograph
	<b>B</b>	Hydrograph
	<b>C</b>	Pantograph
	<b>D</b>	Seismograph
	<b>Correct Answer</b>	D
	<b>Marks</b>	1
17	<b>Question Description</b>	Which among the following is correct about Heliopause?
	<b>A</b>	Heliopause is the theoretical boundary beyond which Light from Sun cannot reach
	<b>B</b>	Heliopause is the theoretical boundary beyond which heat from Sun cannot reach
	<b>C</b>	Heliopause is the theoretical boundary beyond which Solar Winds cannot reach
	<b>D</b>	Heliopause is the theoretical boundary beyond which there is no existence of Solar system
	<b>Correct Answer</b>	C
	<b>Marks</b>	1

18	<b>Question Description</b>	Which India geographer has written the book 'Geography of Puranas?'
	<b>A</b>	L.R. Singh
	<b>B</b>	S.M Ali
	<b>C</b>	M. Shafi
	<b>D</b>	S.M. Rafiullah
	<b>Correct Answer</b>	B
	<b>Marks</b>	1
19	<b>Question Description</b>	Pedology is the study of:
	<b>A</b>	Oceans
	<b>B</b>	Soils
	<b>C</b>	Mountains
	<b>D</b>	Land forms
	<b>Correct Answer</b>	B
	<b>Marks</b>	1

20	<b>Question Description</b>	A warmer atmosphere can hold more moisture, as globally for every degree centigrade of warming, moisture holding capacity of the atmosphere increases by:
	<b>A</b>	5%
	<b>B</b>	1%
	<b>C</b>	10%
	<b>D</b>	7%
	<b>Correct Answer</b>	D
	<b>Marks</b>	1

21	<b>Question Description</b>	The horizontal angle measured clockwise about the ground nadir from a reference plane to the principal plane.
	<b>A</b>	Azimuth
	<b>B</b>	Angle of Convergence
	<b>C</b>	Swing
	<b>D</b>	Parallactic Angle
	<b>Correct Answer</b>	A
	<b>Marks</b>	1

22	<b>Question Description</b>	Who described geography as the science of map making?
	<b>A</b>	Strabo
	<b>B</b>	Ptolemy
	<b>C</b>	Thales
	<b>D</b>	Hecateaus
	<b>Correct Answer</b>	B
	<b>Marks</b>	1

23	<b>Question Description</b>	As we climb higher temperatures decrease with height, how high do we need to go in order to experience a drop of 1 °C in temperature?:
	<b>A</b>	~75 meter
	<b>B</b>	~ 160 meter
	<b>C</b>	~50 meter
	<b>D</b>	>250 meter
	<b>Correct Answer</b>	B
	<b>Marks</b>	1

24 **Question Description** Which one of the following is not a metamorphic rock?

**A** Gneiss

**B** Conglomerate

**C** Quartzite

**D** Schist

**Correct Answer** B

**Marks** 1

25 **Question Description** Which of the following is the largest glacier in the Alps?

**A** Baltoro Glacier

**B** Perito Moreno Glacier

**C** Aletsch Glacier

**D** Franz Josef Glacier

**Correct Answer** C

**Marks** 1

26	<b>Question Description</b>	A datum is a _____?
	<b>A</b>	Mathematical model related to real world features
	<b>B</b>	Random model
	<b>C</b>	Real world features projected with minimum distortion from a round earth to flat map
	<b>D</b>	System of coordinates
	<b>Correct Answer</b>	A
	<b>Marks</b>	1

27	<b>Question Description</b>	'Forest and wild life protection' was transferred to India's Concurrent list in:
	<b>A</b>	1919
	<b>B</b>	1947
	<b>C</b>	1976
	<b>D</b>	2011
	<b>Correct Answer</b>	C
	<b>Marks</b>	1

28	<b>Question Description</b>	Which is the largest river from Africa that flows into the Indian Ocean?
	<b>A</b>	Zambezi River
	<b>B</b>	Congo River
	<b>C</b>	Niger River
	<b>D</b>	Limpopo River
	<b>Correct Answer</b>	A
	<b>Marks</b>	1

29	<b>Question Description</b>	Who among the following scholars made corrections to Ptolemy's Book?
	<b>A</b>	Al-Masudi
	<b>B</b>	Al-Idrisi
	<b>C</b>	Al-Biruni
	<b>D</b>	Ibn Khaldun
	<b>Correct Answer</b>	B
	<b>Marks</b>	1

30	<b>Question Description</b>	Which of the following pairs is most suitable for ascertaining the origin of the rocks?
	<b>A</b>	Colour and shape
	<b>B</b>	Size and weight
	<b>C</b>	Density and hardness
	<b>D</b>	Structure and composition
	<b>Correct Answer</b>	D
	<b>Marks</b>	1

31	<b>Question Description</b>	How many biogeographic regions does India have?
	<b>A</b>	Three
	<b>B</b>	Five
	<b>C</b>	Ten
	<b>D</b>	Fifteen
	<b>Correct Answer</b>	C
	<b>Marks</b>	1

32	<b>Question Description</b>	Which of the following Acts doesn't come under the purview of NGT:
	<b>A</b>	The Water (Prevention and Control of Pollution) Act, 1974,
	<b>B</b>	The Forest (Conservation) Act,1980,
	<b>C</b>	The Protection of Plant Varieties And Farmers' Rights (PPVFR) Act 2001, and
	<b>D</b>	The Biological Diversity Act, 2002
	<b>Correct Answer</b>	C
	<b>Marks</b>	1

33	<b>Question Description</b>	When the wind is deflected due to the rotation of the Earth, it is called as:
	<b>A</b>	Geostrophic wind
	<b>B</b>	Polar wind
	<b>C</b>	Westerlies
	<b>D</b>	Trade winds
	<b>Correct Answer</b>	A
	<b>Marks</b>	1

34	<b>Question Description</b>	Which island is located geographically in America but politically in Europe?
	<b>A</b>	Alexander Islands
	<b>B</b>	Bathurst Island
	<b>C</b>	Christmas Island
	<b>D</b>	Greenland
	<b>Correct Answer</b>	D
	<b>Marks</b>	1

35	<b>Question Description</b>	What is a natural pit or a sinkhole which results from the collapse of a limestone bedrock exposing the groundwater underneath called?
	<b>A</b>	Uvalas
	<b>B</b>	Oasis
	<b>C</b>	Cenote
	<b>D</b>	Cave
	<b>Correct Answer</b>	C
	<b>Marks</b>	1

36	<b>Question Description</b>	Which method is used to align an unreferenced dataset with one that has spatial reference information
	<b>A</b>	Georeferencing
	<b>B</b>	Scaling
	<b>C</b>	Reprojecting
	<b>D</b>	Defining projections
	<b>Correct Answer</b>	A
	<b>Marks</b>	1

37	<b>Question Description</b>	A proposed geologic epoch marking significant human impact on Earth's geology and ecosystems is termed as:
	<b>A</b>	Anthropocene
	<b>B</b>	Holocene
	<b>C</b>	Pleistocene
	<b>D</b>	Pliocene
	<b>Correct Answer</b>	A
	<b>Marks</b>	1

38	<b>Question Description</b>	In order to provide the Right to food to every citizen in India National Food Security Act was enacted in which of the following year:
	<b>A</b>	2009
	<b>B</b>	2010
	<b>C</b>	2013
	<b>D</b>	2016
	<b>Correct Answer</b>	C
	<b>Marks</b>	1

39	<b>Question Description</b>	Which among the following straits connects the Mediterranean Sea with Atlantic Ocean?
	<b>A</b>	Strait of Gibraltar
	<b>B</b>	Strait of Magellan
	<b>C</b>	Strait of Panama
	<b>D</b>	None of them
	<b>Correct Answer</b>	A
	<b>Marks</b>	1

40	<b>Question Description</b>	The stratospheric ozone layer protects Earth from harmful ultraviolet solar radiation. Areas with ozone concentrations below .... are referred to as "holes" in the ozone layer
	<b>A</b>	less than 220 Dobson Units
	<b>B</b>	less than 400 Dobson Units
	<b>C</b>	More than 400 Dobson units
	<b>D</b>	More than 220 Dobson units
	<b>Correct Answer</b>	A
	<b>Marks</b>	1

41	<b>Question Description</b>	Indian Summer Monsoon Rainfall (ISMR) is the phenomenon that occurs over the months of:
	<b>A</b>	June, July, August, and September
	<b>B</b>	May, June, July, and August
	<b>C</b>	July, August, September and October
	<b>D</b>	None of these
	<b>Correct Answer</b>	A
	<b>Marks</b>	1

42	<b>Question Description</b>	Who proposed the idea of Anthropocene
	<b>A</b>	Paul Crutzen
	<b>B</b>	Johan Rockström
	<b>C</b>	Charles Darwin
	<b>D</b>	David Attenborough
	<b>Correct Answer</b>	A
	<b>Marks</b>	1

43	<b>Question Description</b>	National Green Tribunal (NGT) in India, was established in the year:
	<b>A</b>	2013
	<b>B</b>	1981
	<b>C</b>	1996
	<b>D</b>	2010
	<b>Correct Answer</b>	D
	<b>Marks</b>	1

44	<b>Question Description</b>	Indian Prime Minister, as a part of a stronger climate action plan for India by 2030, committed to increasing India's renewable energy target to:
	<b>A</b>	450 GW
	<b>B</b>	175 GW
	<b>C</b>	250 GW
	<b>D</b>	650 GW
	<b>Correct Answer</b>	A
	<b>Marks</b>	1
45	<b>Question Description</b>	Which of the following concepts aims to define the environmental limits within which humanity can safely operate:
	<b>A</b>	Boundary Layer
	<b>B</b>	Planetary Boundary
	<b>C</b>	Tipping Elements
	<b>D</b>	Dangerous Threshold
	<b>Correct Answer</b>	B
	<b>Marks</b>	1

46

<b>Question Description</b>	Who laid the foundation of Modern Geographical Thought?
<b>A</b>	Kant and Varenius
<b>B</b>	Humboldt and Ritter
<b>C</b>	Hettner and Richthopen
<b>D</b>	Humboldt and Davis
<b>Correct Answer</b>	B
<b>Marks</b>	1

47

<b>Question Description</b>	Which of the following is not part of the MDGs
<b>A</b>	Reduce child mortality
<b>B</b>	Improve maternal health
<b>C</b>	Combat HIV/AIDS, malaria, and other diseases
<b>D</b>	Employment for all
<b>Correct Answer</b>	D
<b>Marks</b>	1

48	<b>Question Description</b>	What is a process that corrects inherent distortions in the optics and viewing geometry?
	<b>A</b>	Orthomosaics
	<b>B</b>	Planimetric mapping
	<b>C</b>	Topographic mapping
	<b>D</b>	Classification mapping
	<b>Correct Answer</b>	A
	<b>Marks</b>	1

49	<b>Question Description</b>	As polar satellite is revolving around a rotating earth, which of the following issues can arise during remote sensing?
	<b>A</b>	Periodic line dropout in the captured image
	<b>B</b>	Image distortion of the captured image
	<b>C</b>	Random bad pixels of the captured image
	<b>D</b>	Stripping of the captured image
	<b>Correct Answer</b>	B
	<b>Marks</b>	1

50

**Question Description**

For GPS system, if you want to find your current location, with highest accuracy we need to correct for clock bias of the receiver, to that end how many number of minimum satellites are required?

**A**

3

**B**

5

**C**

4

**D**

6

**Correct Answer**

C

**Marks**

1

51

**Comprehension**

Read the following passage and answer the questions given below:

The examination system is both an opiate and a poison. It is an opiate because it lulls us into believing that all is well when most is ill. 'Look,' the public says, 'at this list of scholarships; see how many children have got their School Certificates: something is happening; the school is doing its job.' Something no doubt is happening; but it may not be education: it may be the administration of a poison which paralyses or at least slows down the natural activities of the healthy mind. The healthy human being finding himself a creature of unknown capacities in an unknown world, wants to learn what the world is like, and what he should be and do in. To help him in answering these questions is the one and only purpose of education.

**Question Description**

As an opiate and a poison, the examination system respectively

**A**

paralyses or slows down natural activities and lulls the healthy mind

**B**

lulls the healthy mind and paralyses or slows down its physical activities

**C**

paralyses or slows down natural activities and lulls the mind

**D**

lulls the healthy mind and paralyses or slows down its natural activities

**Correct Answer**

D

**Marks**

1

52

**Comprehension**

Read the following passage and answer the questions given below:

The examination system is both an opiate and a poison. It is an opiate because it lulls us into believing that all is well when most is ill. 'Look,' the public says, 'at this list of scholarships; see how many children have got their School Certificates: something is happening; the school is doing its job.' Something no doubt is happening; but it may not be education: it may be the administration of a poison which paralyses or at least slows down the natural activities of the healthy mind. The healthy human being finding himself a creature of unknown capacities in an unknown world, wants to learn what the world is like, and what he should be and do in. To help him in answering these questions is the one and only purpose of education.

**Question Description**

Complete the following statement using a suitable option from among those provided below:

The overall passage implies that the public is impressed with the misconception

**A** created by the list of scholarships

**B** that the school is doing its job

**C** that good education is being imparted

**D** that something is happening

**Correct Answer** C

**Marks** 1

**Comprehension**

Read the following passage and answer the questions given below:

The examination system is both an opiate and a poison. It is an opiate because it lulls us into believing that all is well when most is ill. 'Look,' the public says, 'at this list of scholarships; see how many children have got their School Certificates: something is happening; the school is doing its job.' Something no doubt is happening; but it may not be education: it may be the administration of a poison which paralyses or at least slows down the natural activities of the healthy mind. The healthy human being finding himself a creature of unknown capacities in an unknown world, wants to learn what the world is like, and what he should be and do in. To help him in answering these questions is the one and only purpose of education.

**Question Description**

The statement "The examination system lulls us into believing that all is well when most is ill" implies that it makes us falsely confident and relaxed that

**A** all is not well with it, some is ill.

**B** nothing is ill in it, when most is.

**C** most is well with it, when some is ill.

**D** most is ill with it, some is well.

**Correct Answer**

B

**Marks**

1

54

**Comprehension**

Read the following passage and answer the questions given below:

The examination system is both an opiate and a poison. It is an opiate because it lulls us into believing that all is well when most is ill. 'Look,' the public says, 'at this list of scholarships; see how many children have got their School Certificates: something is happening; the school is doing its job.' Something no doubt is happening; but it may not be education: it may be the administration of a poison which paralyses or at least slows down the natural activities of the healthy mind. The healthy human being finding himself a creature of unknown capacities in an unknown world, wants to learn what the world is like, and what he should be and do in. To help him in answering these questions is the one and only purpose of education.

**Question Description**

The term 'opiate' is used in the passage to suggest its ----- effect.

**A**

narcotic

**B**

addictive

**C**

analgesic

**D**

social

**Correct Answer**

A

**Marks**

1

**Comprehension**

Read the following passage and answer the questions given below:

The examination system is both an opiate and a poison. It is an opiate because it lulls us into believing that all is well when most is ill. 'Look,' the public says, 'at this list of scholarships; see how many children have got their School Certificates: something is happening; the school is doing its job.' Something no doubt is happening; but it may not be education: it may be the administration of a poison which paralyses or at least slows down the natural activities of the healthy mind. The healthy human being finding himself a creature of unknown capacities in an unknown world, wants to learn what the world is like, and what he should be and do in. To help him in answering these questions is the one and only purpose of education.

**Question Description**

As per the passage, the sole objective of education is to help an individual

**A**

find himself in the unknown world and enjoy it well.

**B**

know the world, himself and live ideally well in the world.

**C**

know the world, his ideal potential and function in the world.

**D**

reveal his unknown capacities in an unknown world.

**Correct Answer**

C

**Marks**

1

56	<b>Question Description</b>	National Library, the largest library in India is in which state?
	<b>A</b>	Rajasthan
	<b>B</b>	Bihar
	<b>C</b>	West Bengal
	<b>D</b>	Tamil Nadu
	<b>Correct Answer</b>	C
	<b>Marks</b>	1

57	<b>Question Description</b>	Fulhar lake is located in which state of India?
	<b>A</b>	Uttarakhand
	<b>B</b>	Bihar
	<b>C</b>	Madhya.Pradesh.
	<b>D</b>	Uttar Pradesh
	<b>Correct Answer</b>	D
	<b>Marks</b>	1

58	<b>Question Description</b>	Pradhanmantri Suraksha Bima Yojana launch in which year?
	<b>A</b>	2014
	<b>B</b>	2015
	<b>C</b>	2020
	<b>D</b>	2019
	<b>Correct Answer</b>	B
	<b>Marks</b>	1

59	<b>Question Description</b>	Which is the largest tiger reserve in India?
	<b>A</b>	Corbett
	<b>B</b>	Nagarjuna
	<b>C</b>	Manas
	<b>D</b>	screw
	<b>Correct Answer</b>	A
	<b>Marks</b>	1

60 **Question Description** Which of the following is the largest railway junction in India?

**A** Delhi

**B** Bhatinda

**C** Mathura

**D** Allahabad

**Correct Answer** C

**Marks** 1

61 **Question Description** The first multi-purpose river valley project in India has been built on which of the following rivers?

**A** Kaveri

**B** Godavari

**C** Damodar

**D** Koyna

**Correct Answer** C

**Marks** 1

62	<b>Question Description</b>	Where is Kanha National Park located in India?
	<b>A</b>	Assam
	<b>B</b>	Rajasthan
	<b>C</b>	Uttar Pradesh
	<b>D</b>	Madhya Pradesh
	<b>Correct Answer</b>	D
	<b>Marks</b>	1

63	<b>Question Description</b>	Which state is known as 'Scotland of the East' in India?
	<b>A</b>	Assam
	<b>B</b>	Tripura
	<b>C</b>	Manipur
	<b>D</b>	Meghalaya
	<b>Correct Answer</b>	D
	<b>Marks</b>	1

64	<b>Question Description</b>	Which of these organizations manages internet protocol numbers and Domain Name Systems roots?
	<b>A</b>	IUCN
	<b>B</b>	ICANN
	<b>C</b>	IUPAC
	<b>D</b>	IAEA
	<b>Correct Answer</b>	B
	<b>Marks</b>	1

65	<b>Question Description</b>	How many languages does the Indian Constitution recognise?
	<b>A</b>	18
	<b>B</b>	22
	<b>C</b>	24
	<b>D</b>	25
	<b>Correct Answer</b>	B
	<b>Marks</b>	1

66	<b>Question Description</b>	60 men can dig 40 holes in 32 days. How long will 30 men take to dig 20 holes?
	<b>A</b>	15 days
	<b>B</b>	16 days
	<b>C</b>	10 days
	<b>D</b>	18 days
	<b>Correct Answer</b>	B
	<b>Marks</b>	1

67	<b>Question Description</b>	R1, R2, R3, R4, R5, R6, R7 are seven places on a map. The following places are connected by two-way roads: R1 and R2; R1 and R6; R3 and R6; R3 and R4; R6 and R7; R4 and R5; R2 and R3; R5 and R7. No other road exists. The shortest route (the route with the least number of intermediate places) from R1 to R7 is:-
	<b>A</b>	$R1-R3-R7$
	<b>B</b>	$R1-R5-R7$
	<b>C</b>	$R1-R2-R3-R6-R7$
	<b>D</b>	$R1-R6-R7$
	<b>Correct Answer</b>	D
	<b>Marks</b>	1

**Question Description**

Four friends, namely, Liyaqat, Lillian, Lima and Lalit are sitting on a horizontally placed wooden bench, all looking towards the same direction.

If:

- i. There is at least one person sitting between Lillian and Lima;
- ii. Liyaqat is towards the right of Lima but not towards the right of Lalit;
- iii. Lalit is seated immediately next to Lillian; &
- iv. Lima is seated at one of the extreme corners of the bench.

Which of the following is definitely true?

**A**

Lillian and Liyaqat are seated immediately next to one another.

**B**

Liyaqat is seated at one of the extreme corners of the bench.

**C**

There is at least one person seated between Lalit and Liyaqat.

**D**

There is at least one person seated between Lalit and Lima.

**Correct Answer**

D

**Marks**

1

69

**Question Description** Find a pair that has similar relationship to frame: picture

**A** Binding: book

**B** Teacher: read

**C** Artist: drawing

**D** Mother: child

**Correct Answer** A

**Marks** 1

70

**Question Description** If  $a+b$  means a is sister of b,  
 $a-b$  means a is brother of b,  
 $a \times b$  means a is daughter of b,  
 $a \div b$  means a is mother of b,  
Which of the following relationship shows that p and r are wife and husband?

**A**  $p \div q \times r$

**B**  $p - q \times r$

**C**  $p + q \times r$

**D**  $p + q - r$

**Correct Answer** A

**Marks** 1

71

**Question Description**

Here are some words translated from artificial language

Lapikaki means fruitcake

Kakibali means cakewalk

Malapalav means buttercup

Which word could mean “Fruitcup”

**A**

Palavkaki

**B**

Kakipalav

**C**

Lapibali

**D**

Lapipalav

**Correct Answer**

D

**Marks**

1

72

**Question Description**

Four packets P, Q, R and S, three wallets A, B and C are kept on a table one after the other in a row from left to right. Wallet C has as many items to its left as to its right. No packet is at any extreme end of the row. Packet P is kept to the immediate left of packet R.

Packet P is to the immediate right of wallet A.

What is kept third from left end of the row on the table?

**A**

C

**B**

S

**C**

R

**D**

A

**Correct Answer**

C

**Marks**

1

73

**Question Description**

Division A has 30% more students than division B  
Division C has 30 % less students than division B  
Division A has lesser students than division C  
If the first two statements are true then the third statement is

**A**

True

**B**

False

**C**

Uncertain

**D****Correct Answer**

B

**Marks**

1

74	<b>Question Description</b>	Ruby has 4 children. Two of the children have blue eyes and two of the children have brown eyes Half of the children are girls Which of the following statement is true
	<b>A</b>	Among any three children, at least one girl has brown eyes
	<b>B</b>	Among any three children, at least two girls has blue eyes
	<b>C</b>	At least on girl has blue eyes
	<b>D</b>	At least one boy has brown eyes
	<b>Correct Answer</b>	A
	<b>Marks</b>	1
75	<b>Question Description</b>	125 small but identical cubes have been put together to form a large cube. How many such small cubes will be required to cover this large cube completely?
	<b>A</b>	208
	<b>B</b>	212
	<b>C</b>	254
	<b>D</b>	218
	<b>Correct Answer</b>	D
	<b>Marks</b>	1