

Computer Based Examination System

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Title *	Question Paper Answer Key
OES Exam *	GPSC06202319 / Scientific Assistant cum Photographer in Forensic Science Laboratory/ Completed / 2023-11-05

1	<b>Question Description</b>	Which of the following techniques will be useful for definitely convicting a suspect in commission of a crime –
	<b>A</b>	Polygraph
	<b>B</b>	Audio video authentication technique
	<b>C</b>	Latent finger printing
	<b>D</b>	Gait pattern technique
	<b>E</b>	None of the above
	<b>Correct Answer</b>	C
	<b>Marks</b>	1

2

<b>Question Description</b>	The world's first photo was taken by –
<b>A</b>	Thomas Knoll
<b>B</b>	Robert Noyce
<b>C</b>	George Eastman
<b>D</b>	Joseph Niepce
<b>E</b>	None of the above
<b>Correct Answer</b>	D
<b>Marks</b>	1

3

<b>Question Description</b>	These films have larger grains and less contrast –
<b>A</b>	Slow speed film
<b>B</b>	Ultra-fast film
<b>C</b>	Orthochromatic film
<b>D</b>	Infra-red film
<b>E</b>	None of the above
<b>Correct Answer</b>	B
<b>Marks</b>	1

4	<b>Question Description</b>	The Exposure triangle refer to the three major setting that effect Exposure -
	<b>A</b>	ISO, Aperture, Shutter Speed
	<b>B</b>	Aperture, Shutter Speed, Focal Length
	<b>C</b>	Quality of Camera, Aperture, Shutter Speed
	<b>D</b>	Film, Lense & Colour
	<b>E</b>	None of the above
	<b>Correct Answer</b>	A
	<b>Marks</b>	1

5	<b>Question Description</b>	Which of the following principle was given by the scientist Edmond-Locard –
	<b>A</b>	"Every contact leaves a trace"
	<b>B</b>	" Everything will change with the passage of Time"
	<b>C</b>	"Only Likes can be compared "
	<b>D</b>	"The analysis is no better than the sample analysed"
	<b>E</b>	None of the above
	<b>Correct Answer</b>	A
	<b>Marks</b>	1

6

<b>Question Description</b>	1080 P is known as -
<b>A</b>	Sensor
<b>B</b>	High resolution photographic image
<b>C</b>	Full High definition video
<b>D</b>	all of above
<b>E</b>	None of the above
<b>Correct Answer</b>	C
<b>Marks</b>	1

7

<b>Question Description</b>	<b>The reducing action of developing agents for Black &amp; White film –</b>
<b>A</b>	Potassium Sulphite
<b>B</b>	Potassium Bromide
<b>C</b>	Sodium Carbonate
<b>D</b>	Sodium Thiosulphate
<b>E</b>	None of the above
<b>Correct Answer</b>	C
<b>Marks</b>	1

8	<b>Question Description</b>	In which year Raghu Rai was awarded “Padam Shri” –
	<b>A</b>	1961
	<b>B</b>	1971
	<b>C</b>	1987
	<b>D</b>	1991
	<b>E</b>	None of the above
	<b>Correct Answer</b>	B
	<b>Marks</b>	1

9	<b>Question Description</b>	Which of the following is not a method for searching of a crime scene –
	<b>A</b>	Spiral method
	<b>B</b>	Grid method
	<b>C</b>	Zone method
	<b>D</b>	Geometric method
	<b>E</b>	None of the above
	<b>Correct Answer</b>	D
	<b>Marks</b>	1

10	<b>Question Description</b>	With a 35 mm SLR camera, a lens which has focal length smaller than 50 mm is –
	<b>A</b>	Wide angle lens
	<b>B</b>	Macro Lens
	<b>C</b>	Polaroid Lens
	<b>D</b>	Portrait Lens
	<b>E</b>	None of the above
	<b>Correct Answer</b>	A
	<b>Marks</b>	1

11	<b>Question Description</b>	Which term describe the difference between the lightest and darkest area in Photography –
	<b>A</b>	Hue
	<b>B</b>	Contrast
	<b>C</b>	Saturation
	<b>D</b>	Focus
	<b>E</b>	None of the above
	<b>Correct Answer</b>	B
	<b>Marks</b>	1

12	<b>Question Description</b>	When two objects touch, there is a transfer of material from one to the other. The idea known as-
	<b>A</b>	Locard's Principle
	<b>B</b>	Bertillon's Principle of Transference
	<b>C</b>	Forensic Law
	<b>D</b>	Murphy's Law of Contact
	<b>E</b>	None of the above
	<b>Correct Answer</b>	A
	<b>Marks</b>	1

13	<b>Question Description</b>	This is the ratio between the Focal length and the diameter of the lens opening –
	<b>A</b>	Aperture
	<b>B</b>	Shutter
	<b>C</b>	Shutter – Speed
	<b>D</b>	View – Finder
	<b>E</b>	None of the above
	<b>Correct Answer</b>	A
	<b>Marks</b>	1

14	<b>Question Description</b>	Swivel Lens is used for –
	<b>A</b>	Enables the user to take picture from unique perspectives and camera angles
	<b>B</b>	To Produce pairs of photographs which give a 3-dimensional Effect
	<b>C</b>	Extreme wide-angle Lenses
	<b>D</b>	All of the above
	<b>E</b>	None of the above
	<b>Correct Answer</b>	A
	<b>Marks</b>	1

15	<b>Question Description</b>	When a lens has the focal length shorter than the diagonal of the negative –
	<b>A</b>	Wide angle lens
	<b>B</b>	Telephoto
	<b>C</b>	Zoom lens
	<b>D</b>	Infra-red film
	<b>E</b>	None of the above
	<b>Correct Answer</b>	A
	<b>Marks</b>	1

16	<b>Question Description</b>	By the use of this filter yellow will appear normal, blue & green darker red lighter –
	<b>A</b>	Dark yellow filter
	<b>B</b>	Medium green filter
	<b>C</b>	Blue filter
	<b>D</b>	Orange filter
	<b>E</b>	None of the above
	<b>Correct Answer</b>	D
	<b>Marks</b>	1

17	<b>Question Description</b>	Sum of deviations will be zero if it is taken from –
	<b>A</b>	Mean
	<b>B</b>	Mode
	<b>C</b>	Medium
	<b>D</b>	Standard Deviation
	<b>E</b>	None of the above
	<b>Correct Answer</b>	A
	<b>Marks</b>	1

18

## Question Description

What is Guide number –

- a)  $\frac{\text{GuideNumber}}{\text{DistnacebetweenSubject\&Flashinfeet}} = \text{Aperture}$
- b)  $\frac{\text{GuideNumber}}{\text{Aperture}} = \text{Distance between Subject \& Flash in feet}$
- c)  $\frac{\text{GuideNumber}}{\text{DepthofField}} = \text{Aperture}$
- d)  $\frac{\text{DepthofField}}{\text{GuideNumber}} = \text{Distancebetweensubjectinfeet}$

A

a

B

b

C

c

D

d

E

None of the above

Correct Answer

A

Marks

1

19	<b>Question Description</b>	For packing of electronic evidence having magnetic media, the packing material should be –
	<b>A</b>	Antistatic
	<b>B</b>	Static
	<b>C</b>	Fragile
	<b>D</b>	All of the above
	<b>E</b>	None of the above
	<b>Correct Answer</b>	A
	<b>Marks</b>	1

20	<b>Question Description</b>	When the Director, Dy. Director, Assistant Director of a Forensic Science Lab is summoned by a court, he may depute any officer conversant with the case. This provision is made under –
	<b>A</b>	Section 291, Cr P.C.
	<b>B</b>	Section 293, Cr P.C.
	<b>C</b>	Section 295, Cr. P.C.
	<b>D</b>	Section 297, Cr. P.C.
	<b>E</b>	None of the above
	<b>Correct Answer</b>	B
	<b>Marks</b>	1

21	<b>Question Description</b>	Long distance Photography is facilitated by –
	<b>A</b>	Visible light
	<b>B</b>	X-ray
	<b>C</b>	Infra-red
	<b>D</b>	Ultra-Violet Ray
	<b>E</b>	None of the above
	<b>Correct Answer</b>	C
	<b>Marks</b>	1

22	<b>Question Description</b>	The intensity of light into a suitable aperture and shutter speed combination –
	<b>A</b>	Cable release
	<b>B</b>	Exposure meter
	<b>C</b>	Guide Number
	<b>D</b>	Supplementary lenses
	<b>E</b>	None of the above
	<b>Correct Answer</b>	B
	<b>Marks</b>	1

23	<b>Question Description</b>	What is the name of the shot that moves a locked-down camera Left or Right –
	<b>A</b>	Tilt
	<b>B</b>	Pan
	<b>C</b>	Dolly
	<b>D</b>	Pedestal
	<b>E</b>	None of the above
	<b>Correct Answer</b>	B
	<b>Marks</b>	1

24	<b>Question Description</b>	Matrix Metering is also known as –
	<b>A</b>	Segmented Matrix
	<b>B</b>	Double Matrix
	<b>C</b>	Helix Matrix
	<b>D</b>	Circular Matrix
	<b>E</b>	None of the above
	<b>Correct Answer</b>	A
	<b>Marks</b>	1

25	<b>Question Description</b>	When shooting in manual mode which of the following controls the exposure of your capture -
	<b>A</b>	Aperture
	<b>B</b>	Shutter Speed
	<b>C</b>	I S O
	<b>D</b>	All of the above
	<b>E</b>	None of the above
	<b>Correct Answer</b>	D
	<b>Marks</b>	1

26	<b>Question Description</b>	When taking a photo at a gig, which camera mode should you be on –
	<b>A</b>	Sport
	<b>B</b>	Manual
	<b>C</b>	Aperture
	<b>D</b>	Macro
	<b>E</b>	None of the above
	<b>Correct Answer</b>	B
	<b>Marks</b>	1

27	<b>Question Description</b>	Exposure compensation is used for –
	<b>A</b>	Focal length setting
	<b>B</b>	Reducing light intensity
	<b>C</b>	Deleting the image
	<b>D</b>	Change in Exposure value suggested by Camera
	<b>E</b>	None of the above
	<b>Correct Answer</b>	D
	<b>Marks</b>	1

28	<b>Question Description</b>	When was the first Evis colour Photographs taken -
	<b>A</b>	1861
	<b>B</b>	1881
	<b>C</b>	1901
	<b>D</b>	1900
	<b>E</b>	None of the above
	<b>Correct Answer</b>	A
	<b>Marks</b>	1

29	<b>Question Description</b>	What is gas light paper known as –
	<b>A</b>	Enlarging Paper
	<b>B</b>	Bromide Paper
	<b>C</b>	Contact Printer Paper
	<b>D</b>	Both A & B
	<b>E</b>	None of the above
	<b>Correct Answer</b>	C
	<b>Marks</b>	1

30	<b>Question Description</b>	The full Frame size DSLR photography refers to frame size –
	<b>A</b>	16 mm
	<b>B</b>	35 mm
	<b>C</b>	50 mm
	<b>D</b>	70 mm
	<b>E</b>	None of the above
	<b>Correct Answer</b>	B
	<b>Marks</b>	1

31

**Comprehension**

Read the following passage and answer the Questions below:

We are men of science and we realize that the whole structure of society rests on habit. With the new organization must therefore grow the new habit that is to support it. To precipitate organic change is merely to court reaction. That is the lesson of all revolutions; and it is one which English socialists, at any rate, have learnt. We think, moreover, that capitalist society is, by its own momentum, travelling towards the goal which we desire.

**Question Description**

From the tone and tenor of the above passage, the speaker appears to be

**A**

a non-capitalist

**B**

a man of science

**C**

an English socialist

**D**

a sociologist

**E**

None of the above

**Correct Answer**

C

**Marks**

1

32

**Comprehension**

Read the following passage and answer the Questions below:

We are men of science and we realize that the whole structure of society rests on habit. With the new organization must therefore grow the new habit that is to support it. To precipitate organic change is merely to court reaction. That is the lesson of all revolutions; and it is one which English socialists, at any rate, have learnt. We think, moreover, that capitalist society is, by its own momentum, travelling towards the goal which we desire.

**Question Description**

It can be surmised from the passage that the phrase “the goal that we desire” implies

**A**

disintegration

**B**

precipitation

**C**

culmination

**D**

defeat

**E**

None of the above

**Correct Answer**

A

**Marks**

1

33

**Comprehension**

Read the following passage and answer the Questions below:

We are men of science and we realize that the whole structure of society rests on habit. With the new organization must therefore grow the new habit that is to support it. To precipitate organic change is merely to court reaction. That is the lesson of all revolutions; and it is one which English socialists, at any rate, have learnt. We think, moreover, that capitalist society is, by its own momentum, travelling towards the goal which we desire.

**Question Description**

“To precipitate organic change is merely to court reaction”. This statement implies that

**A**

Compulsory change leads to chemical response

**B**

Forcefully altering things will causes chemical response

**C**

Hastening change calls for a sharp political response

**D**

Sudden social change only draws an undesirable response

**E**

None of the above

**Correct Answer**

D

**Marks**

1

34

**Comprehension**

Read the following passage and answer the Questions below:

We are men of science and we realize that the whole structure of society rests on habit. With the new organization must therefore grow the new habit that is to support it. To precipitate organic change is merely to court reaction. That is the lesson of all revolutions; and it is one which English socialists, at any rate, have learnt. We think, moreover, that capitalist society is, by its own momentum, travelling towards the goal which we desire.

**Question Description**

Identify form the options given below, the one which is opposite in meaning to “momentum”

**A**

energy

**B**

lethargy

**C**

impetus

**D**

stimulus

**E**

None of the above

**Correct Answer**

B

**Marks**

1

35

**Comprehension**

Read the following passage and answer the Questions below:

We are men of science and we realize that the whole structure of society rests on habit. With the new organization must therefore grow the new habit that is to support it. To precipitate organic change is merely to court reaction. That is the lesson of all revolutions; and it is one which English socialists, at any rate, have learnt. We think, moreover, that capitalist society is, by its own momentum, travelling towards the goal which we desire.

**Question Description**

From the options provided below, identify the meaning of the term “revolution” that is unsuited to the passage above

**A**

revolt

**B**

rebellion

**C**

rotation

**D**

uprising

**E**

None of the above

**Correct Answer**

C

**Marks**

1

36

**Comprehension**

Read the following passage and answer the Questions below:

Scientists in many parts of the world are now trying to reclaim desert lands. In Iraq, with its two great rivers, everyone thinks straightaway of irrigation. Actually, irrigation is not a very important means of reclaiming desert lands. In the first place, only a small part of world's desert land is near enough to large rivers for men to be able to use them, and in the second place, irrigation itself can be dangerous for the land, where a hot sun evaporates great quantities of water every day. In fact, irrigation may change fertile land to barren land, and indeed is doing so all the time. The reason for this is simple. All river water is slightly salty (all the sea's salt has been carried into it by the rivers). If we spread river water over the land, and allow it to evaporate, we spread salt over the land too. If we go on doing this, the land becomes so saline that it produces nothing but palm trees –and eventually not even palm trees grow there; the land has become desert.

**Question Description**

Choose a word from the following options which is synonymous to the notion of desert.

**A**

fecund

**B**

arid

**C**

fertile

**D**

productive

**E**

None of the above

**Correct Answer**

B

**Marks**

1

37

**Comprehension**

Read the following passage and answer the Questions below:

Scientists in many parts of the world are now trying to reclaim desert lands. In Iraq, with its two great rivers, everyone thinks straightaway of irrigation. Actually, irrigation is not a very important means of reclaiming desert lands. In the first place, only a small part of world's desert land is near enough to large rivers for men to be able to use them, and in the second place, irrigation itself can be dangerous for the land, where a hot sun evaporates great quantities of water every day. In fact, irrigation may change fertile land to barren land, and indeed is doing so all the time. The reason for this is simple. All river water is slightly salty (all the sea's salt has been carried into it by the rivers). If we spread river water over the land, and allow it to evaporate, we spread salt over the land too. If we go on doing this, the land becomes so saline that it produces nothing but palm trees –and eventually not even palm trees grow there; the land has become desert.

**Question Description**

In Iraq everyone thinks of using irrigation to reclaim desert land because

**A**

irrigation is not a major means of reclaiming desert

**B**

they want to grow a lot of palm trees

**C**

Iraq has two great rivers

**D**

very small part of Iraq is desert

**E**

None of the above

**Correct Answer**

C

**Marks**

1

**Comprehension**

Read the following passage and answer the Questions below:

Scientists in many parts of the world are now trying to reclaim desert lands. In Iraq, with its two great rivers, everyone thinks straightaway of irrigation. Actually, irrigation is not a very important means of reclaiming desert lands. In the first place, only a small part of world's desert land is near enough to large rivers for men to be able to use them, and in the second place, irrigation itself can be dangerous for the land, where a hot sun evaporates great quantities of water every day. In fact, irrigation may change fertile land to barren land, and indeed is doing so all the time. The reason for this is simple. All river water is slightly salty (all the sea's salt has been carried into it by the rivers). If we spread river water over the land, and allow it to evaporate, we spread salt over the land too. If we go on doing this, the land becomes so saline that it produces nothing but palm trees –and eventually not even palm trees grow there; the land has become desert.

**Question Description**

A piece of land has become desert:

**A**

when it produces palm trees

**B**

when even palm trees don't grow there

**C**

if we don't spread water over its surface

**D**

due to the saline water of the sea

**E**

None of the above

**Correct Answer**

D

**Marks**

1

39

**Comprehension**

Read the following passage and answer the Questions below:

Scientists in many parts of the world are now trying to reclaim desert lands. In Iraq, with its two great rivers, everyone thinks straightaway of irrigation. Actually, irrigation is not a very important means of reclaiming desert lands. In the first place, only a small part of world's desert land is near enough to large rivers for men to be able to use them, and in the second place, irrigation itself can be dangerous for the land, where a hot sun evaporates great quantities of water every day. In fact, irrigation may change fertile land to barren land, and indeed is doing so all the time. The reason for this is simple. All river water is slightly salty (all the sea's salt has been carried into it by the rivers). If we spread river water over the land, and allow it to evaporate, we spread salt over the land too. If we go on doing this, the land becomes so saline that it produces nothing but palm trees –and eventually not even palm trees grow there; the land has become desert.

**Question Description**

Irrigation may change fertile land into barren land because

**A** irrigation is dangerous to the land

**B** the world's desert areas are near rivers

**C** river water is slightly salty

**D** ultimately sea water gets to the land

**E** None of the above

**Correct Answer**

D

**Marks**

1

40

**Comprehension**

Read the following passage and answer the Questions below:

Scientists in many parts of the world are now trying to reclaim desert lands. In Iraq, with its two great rivers, everyone thinks straightaway of irrigation. Actually, irrigation is not a very important means of reclaiming desert lands. In the first place, only a small part of world's desert land is near enough to large rivers for men to be able to use them, and in the second place, irrigation itself can be dangerous for the land, where a hot sun evaporates great quantities of water every day. In fact, irrigation may change fertile land to barren land, and indeed is doing so all the time. The reason for this is simple. All river water is slightly salty (all the sea's salt has been carried into it by the rivers). If we spread river water over the land, and allow it to evaporate, we spread salt over the land too. If we go on doing this, the land becomes so saline that it produces nothing but palm trees –and eventually not even palm trees grow there; the land has become desert.

**Question Description**

From the options given below, identify the process which represents “getting back from wastage or unused substances”.

**A**

reclamation

**B**

evaporation

**C**

irrigation

**D**

salination

**E**

None of the above

**Correct Answer**

A

**Marks**

1

41	<b>Question Description</b>	Which organization has partnered with ISRO for the "Space on Wheels" exhibition?
	<b>A</b>	Indian Institute of Science (IISc)
	<b>B</b>	National Aeronautics and Space Administration (NASA)
	<b>C</b>	Vijnana Bharati (VIBHA)
	<b>D</b>	Atal Innovation Mission (AIM)
	<b>E</b>	None of the above
	<b>Correct Answer</b>	C
	<b>Marks</b>	1

42	<b>Question Description</b>	Which Indian bowler became the first Indian bowler to pick two five-wicket hauls in ICC ODI World Cups?
	<b>A</b>	Jasprit Bumrah
	<b>B</b>	Ravindra Jadeja
	<b>C</b>	Mohammed Siraj
	<b>D</b>	Mohammed Shami
	<b>E</b>	None of the above
	<b>Correct Answer</b>	D
	<b>Marks</b>	1

43	<b>Question Description</b>	Where was the 19-foot tall statue of Dr. B.R. Ambedkar, the principal architect of India's Constitution, unveiled outside India?
	<b>A</b>	New York
	<b>B</b>	Washington
	<b>C</b>	Florida
	<b>D</b>	California
	<b>E</b>	None of the above
	<b>Correct Answer</b>	B
	<b>Marks</b>	1

44	<b>Question Description</b>	On what date is National Police Commemoration Day observed in India?
	<b>A</b>	20 October
	<b>B</b>	22 October
	<b>C</b>	21 October
	<b>D</b>	23 October
	<b>E</b>	None of the above
	<b>Correct Answer</b>	C
	<b>Marks</b>	1

45

<b>Question Description</b>	Which of the following police stations is the first women police station in India to be ISO certified?
<b>A</b>	Bhopal Mahila Thana, Madhya Pradesh
<b>B</b>	Arwal Women's Police Station, Bihar
<b>C</b>	Aska Police Station, Odisha
<b>D</b>	Mahila Thana, Mumbai
<b>E</b>	None of the above
<b>Correct Answer</b>	A
<b>Marks</b>	1

46	<b>Question Description</b>	Who broke the world record in the javelin throw in the F64 category at the 2023 Asian Para Games?
	<b>A</b>	Devendra Jhajharia
	<b>B</b>	Sundar Singh Gurjar
	<b>C</b>	Praveen Kumar
	<b>D</b>	Sumit Antil
	<b>E</b>	None of the above
	<b>Correct Answer</b>	D
	<b>Marks</b>	1

47	<b>Question Description</b>	Which Indian state has approved the formation of a Special Tiger Protection Force?
	<b>A</b>	Arunachal Pradesh
	<b>B</b>	Assam
	<b>C</b>	Nagaland
	<b>D</b>	Sikkim
	<b>E</b>	None of the above
	<b>Correct Answer</b>	A
	<b>Marks</b>	1

48	<b>Question Description</b>	Which country participated in the joint army exercise Harimau Shakti with India in October 2023?
	<b>A</b>	Malaysia
	<b>B</b>	Singapore
	<b>C</b>	Indonesia
	<b>D</b>	Bangladesh
	<b>E</b>	None of the above
	<b>Correct Answer</b>	A
	<b>Marks</b>	1

49	<b>Question Description</b>	When is World Cotton Day celebrated?
	<b>A</b>	October 9th
	<b>B</b>	October 8th
	<b>C</b>	October 7th
	<b>D</b>	October 5th
	<b>E</b>	None of the above
	<b>Correct Answer</b>	C
	<b>Marks</b>	1

50	<b>Question Description</b>	Which state in India has recently implemented an e-cabinet system?
	<b>A</b>	Uttarakhand
	<b>B</b>	Uttar Pradesh
	<b>C</b>	Tripura
	<b>D</b>	Arunachal Pradesh
	<b>E</b>	None of the above
	<b>Correct Answer</b>	C
	<b>Marks</b>	1

51	<b>Question Description</b>	In a class, Sameer ranks 35 <sup>th</sup> from the top and 32 <sup>nd</sup> from the bottom. How many students are there in the class?
	<b>A</b>	66
	<b>B</b>	67
	<b>C</b>	68
	<b>D</b>	69
	<b>E</b>	None of the above
	<b>Correct Answer</b>	A
	<b>Marks</b>	1

52

<b>Question Description</b>	Raju walks 20 m to west, turns left and walks 20 m and turns left and walks 20 m and again turns left and walks 20 m. Which is the direction he is facing now?
<b>A</b>	north
<b>B</b>	south
<b>C</b>	east
<b>D</b>	west
<b>E</b>	None of the above
<b>Correct Answer</b>	A
<b>Marks</b>	1

53

**Question Description**

Exporters in the capital are alleging that commercial banks are violating a Reserve Bank of India directive to operate a post shipment export credit denominated in foreign currency at international rates from January this year.

**Courses of Action:**

- I. The officers concerned in the commercial banks are to be suspended.
- II. The RBI should be asked to stop giving such directives to commercial banks.

**A**

Only I follows

**B**

Only II follows

**C**

Either I or II follows

**D**

Neither I nor II follows

**E**

None of the above

**Correct Answer**

D

**Marks**

1

54

**Question Description**

J \* K means that J is the mother of K, J + K means that J is the father of K, J - K means J is the sister of K. On the basis of this information, select the option which shows that L is the grandfather of K

- a. L + J + M - K
- b. L \* M + N - K
- c. L + N - K
- d. L + M - N - K

**A**

a

**B**

b

**C**

c

**D**

d

**E**

None of the above

**Correct Answer**

A

**Marks**

1

55	<b>Question Description</b>	Window is to pane as book is to
	<b>A</b>	novel
	<b>B</b>	glass
	<b>C</b>	cover
	<b>D</b>	page
	<b>E</b>	None of the above
	<b>Correct Answer</b>	D
	<b>Marks</b>	1

56	<b>Question Description</b>	Jonathan drives to the stadium for watching a football final. At 6.05 pm, one fifth of the way to the stadium, he passes a church. At 6.15 pm, one third of the way to the stadium, he passes a poultry farm. At what time does he reach the stadium?
	<b>A</b>	6.45 pm
	<b>B</b>	7.00 pm
	<b>C</b>	7.05 pm
	<b>D</b>	7.10 pm
	<b>E</b>	None of the above
	<b>Correct Answer</b>	C
	<b>Marks</b>	1

57	<b>Question Description</b>	In a company employees and managers are in a ratio 7:3. 70% of the employees and 30% of the managers take lunch in the canteen. What percentage of total workforce take lunch in the canteen?
	<b>A</b>	42%
	<b>B</b>	60%
	<b>C</b>	55%
	<b>D</b>	58%
	<b>E</b>	None of the above
	<b>Correct Answer</b>	D
	<b>Marks</b>	1

58	<b>Question Description</b>	If E=5 and HOTEL=12, how will you code BALM?
	<b>A</b>	7
	<b>B</b>	16
	<b>C</b>	26
	<b>D</b>	28
	<b>E</b>	None of the above
	<b>Correct Answer</b>	A
	<b>Marks</b>	1

59

<b>Question Description</b>	Power of Attorney refers to a legal document that gives an individual authority to act for another person in specified or all financial matters. Which of the following situations is the best example of the Power of Attorney?
<b>A</b>	Mary is selling her apartment, and she hires a lawyer to evaluate the deal.
<b>B</b>	Due to illness, Tom's mother can no longer visit the bank to deposit money and cash her cheques. She has completed some legal formalities to enable Tom to do such tasks for her.
<b>C</b>	Peter's father is elderly, so Peter thinks he is not able to make decisions, and he should make decisions on his behalf.
<b>D</b>	Tom completes all the formalities so that his father could open a retirement account with the bank.
<b>E</b>	None of the above
<b>Correct Answer</b>	B
<b>Marks</b>	1

60

**Question Description**

Capture the pattern in the first series to form the second series in the same order, starting with the given number. Which number will come in place of D

Series I: 5 8 14 26 50

Series II: 7 A B C D

**A**

94

**B**

82

**C**

100

**D**

102

**E**

None of the above

**Correct Answer**

B

**Marks**

1

61

<b>Question Description</b>	The price of item 'A' increases by 50 paise every year, while the price of item 'B' increases by 25 paise every year. If in 2008, the price of item 'A' was rupees 3.20 and that of 'B' was rupees 5.30, in which year item 'A' will cost 40 paise more than the item 'B'?
<b>A</b>	2016
<b>B</b>	2017
<b>C</b>	2019
<b>D</b>	2018
<b>E</b>	None of the above
<b>Correct Answer</b>	D
<b>Marks</b>	1

62

<b>Question Description</b>	At the birthday party, people were asked to guess the number of balloons used for stage decoration. No guess was correct, but the nearest guesses were 171, 177, 186 and 190. The correct number of balloons was one, three, ten and sixteen units from the guesses. How many balloons were used?
<b>A</b>	178
<b>B</b>	191
<b>C</b>	187
<b>D</b>	197
<b>E</b>	None of the above
<b>Correct Answer</b>	C
<b>Marks</b>	1

63

<b>Question Description</b>	Manoj covered a distance of 50 m towards the North. He then turned to his left and walked 20 m. He again turned left and walked 60m. Finally, he turned to his right at an angle of $45^\circ$ . In which direction is he moving finally?
<b>A</b>	South-East
<b>B</b>	South-West
<b>C</b>	North-West
<b>D</b>	North-East
<b>E</b>	None of the above
<b>Correct Answer</b>	B
<b>Marks</b>	1

64

**Question Description**

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

**bridge**

(1) pɹıqǫe (2) pɹıqǫe

(3) pɹıqǫe (4) pɹıpǫe

**A**

1

**B**

2

**C**

3

**D**

4

**E**

None of the above

**Correct Answer**

B

**Marks**

1

65

<b>Question Description</b>	Find the next number in the sequence: 190, 94, 46, 22, 10, 4
<b>A</b>	0.5
<b>B</b>	1
<b>C</b>	1.5
<b>D</b>	2
<b>E</b>	None of the above
<b>Correct Answer</b>	B
<b>Marks</b>	1

66

<b>Question Description</b>	Four boxes are kept at the counter. Each box has the same number of sweets and a declaration about the number of sweets in it. The declarations are: Five or Six, Seven or Eight, Six or Seven, Seven or Five. Only one of the declaration is correct. How many sweets are there in each box?
<b>A</b>	five
<b>B</b>	six
<b>C</b>	seven
<b>D</b>	eight
<b>E</b>	None of the above
<b>Correct Answer</b>	D
<b>Marks</b>	1

67

<b>Question Description</b>	Find the odd term from given alternatives.
<b>A</b>	APO
<b>B</b>	AOU
<b>C</b>	IOE
<b>D</b>	EIU
<b>E</b>	None of the above
<b>Correct Answer</b>	A
<b>Marks</b>	1

68

**Question Description**

Arrange the following words in a logical sequence.

1. Room
2. Floor
3. Foundation
4. Walls
5. Ceiling

**A**

3, 4, 2, 5, 1

**B**

3, 4, 5, 2, 1

**C**

2, 3, 4, 5, 1

**D**

1, 3, 2, 5, 4

**E**

None of the above

**Correct Answer**

B

**Marks**

1

69

**Question Description**

Find the word that names a necessary part of the underlined word  
contract

**A**

agreement

**B**

document

**C**

written

**D**

attorney

**E**

None of the above

**Correct Answer**

A

**Marks**

1

70	<b>Question Description</b>	Apply the logic of first two sets of numbers to find the missing number in the third set 25 (144) 49 , 64 (196) 36 , 4 (?) 81
	<b>A</b>	100
	<b>B</b>	121
	<b>C</b>	169
	<b>D</b>	129
	<b>E</b>	None of the above
	<b>Correct Answer</b>	B
	<b>Marks</b>	1

71	<b>Question Description</b>	The price of an petroleum product increases by 25% every odd year and reduces by 20% every even year. By how much percentage, the prices would have risen or fallen after exactly 8 years?
	<b>A</b>	price would increase by 15%
	<b>B</b>	price would increase by 5%
	<b>C</b>	price would decrease by 5%
	<b>D</b>	price would remain same
	<b>E</b>	None of the above
	<b>Correct Answer</b>	D
	<b>Marks</b>	1

72

<b>Question Description</b>	In a row of boys, Seby is at 20 <sup>th</sup> position from left and Alan is at 22 <sup>nd</sup> position from the right. If both of them interchange positions then only 18 boys are left to the right of Alan. How many boys are there in the row?
<b>A</b>	38
<b>B</b>	39
<b>C</b>	42
<b>D</b>	40
<b>E</b>	None of the above
<b>Correct Answer</b>	A
<b>Marks</b>	1

73

<b>Question Description</b>	Pointing to a photograph, a lady tells Sohan, "I am the only daughter of this woman, and her son is your maternal uncle." How is the lady related to Sohan's father?
<b>A</b>	Wife
<b>B</b>	Sister-in-law
<b>C</b>	Sister
<b>D</b>	Grand mother
<b>E</b>	None of the above
<b>Correct Answer</b>	A
<b>Marks</b>	1

74	<b>Question Description</b>	Look at the series; 41, 39, 35, 33, 29, _, which number should come next?
	<b>A</b>	23
	<b>B</b>	24
	<b>C</b>	25
	<b>D</b>	27
	<b>E</b>	None of the above
	<b>Correct Answer</b>	D
	<b>Marks</b>	1

75	<b>Question Description</b>	New Jerseys are bought for players. If 6 jerseys are given for each player, one player will get only 4 jerseys. Also, if 4 jerseys are given for each player, 30 jerseys will be remaining. How many Jerseys are bought and how many players are there?
	<b>A</b>	90 jerseys, 16 players
	<b>B</b>	94 jerseys, 16 players
	<b>C</b>	90 jerseys, 15 players
	<b>D</b>	94 jerseys, 14 players
	<b>E</b>	None of the above
	<b>Correct Answer</b>	B
	<b>Marks</b>	1