

Computer Based Examination System

Exported On *	2023/04/03 11:23:46
Title *	Question Paper Answer Key
OES Exam *	GPSC04202226 / Radio Officer / Completed / 2023-04-01

1	Question Description	The correct RT (voice) signal to be used when sending a navigation warning is
	A	PAN PAN
	B	NAV DISTRESS
	C	MAY DAY
	D	SECURITE
	E	None of the above
	Correct Answer	D
	Marks	1

2	Question Description	To operate the fire extinguisher, the acronym P.A.S.S. is often used to help us remember to
	A	Pass by the fire, activate the sprinkler system, seal fire area from oxygen, stop unauthorized entry.
	B	Pull the alarm, alert the response team, shut down the power sources, secure the area.
	C	Pass by the fire, activate the fire alarm, select the proper extinguisher, shoot at the base of the fire.
	D	Pull the pin, aim at the base of the fire, squeeze the handle, and sweep at the base of the fire.
	E	None of the above
	Correct Answer	D
	Marks	1

3	Question Description	What system may be useful for messages, such as local storm warnings or a shore-to-ship distress alert, for which it is inappropriate to alert all ships in the satellite coverage area?
	A	NAVTEX
	B	EGC
	C	AMVER
	D	DSC
	E	None of the above
	Correct Answer	B
	Marks	1

4

Question Description	When a port facility is following the ISPS code, they are issued with
A	International Ship Security certificate
B	International port Security certificate
C	Statement of Compliance of a port facility
D	Statement of Security compatibility of a port
E	None of the above
Correct Answer	C
Marks	1

5	Question Description	A ship at anchor has been communicating marginally with a shore station approximately 200 miles (322km) distant on a frequency in the 4 MHz band periodically throughout the day. Toward the late afternoon and evening, what effect should be noticed?
	A	Communications should be maintained with slight improvement in the signal received from the shore station.
	B	Communications should slowly deteriorate but may be continued throughout the night.
	C	Communications should gradually deteriorate and become impossible on this frequency by night.
	D	Communications should gradually improve and peak at night and early morning.
	E	None of the above
	Correct Answer	D
	Marks	1

6	Question Description	The main purpose of transmissions on 518 KHz is for
	A	Two-way RT communication with life raft during SAR operations
	B	NAVTEX English-language reception
	C	EPIRB local homing
	D	Triggering a SART during SAR operations
	E	None of the above
	Correct Answer	B
	Marks	1

7	Question Description	The function of an AIS-SART is to
	A	allow two-way communication for survival craft
	B	provide a secondary method of Distress alerting
	C	show ID and position of the casualty on Radar/Electronic Navigation System
	D	allow Distress alerting by satellite
	E	None of the above
	Correct Answer	C
	Marks	1

8	Question Description	What should happen when an RQ code is received by a SITOR station which is sending message traffic?
	A	The last block will be resent.
	B	The next block will be sent.
	C	The data link will break.
	D	The acknowledge light should illuminate
	E	None of the above
	Correct Answer	A
	Marks	1

9	Question Description	By which of the following elements, the fire triangle is represented?
	A	Chemical extinguishing agent, fuel, water
	B	Chemical extinguishing agent, heat, light
	C	Chemical powder, fuel, air
	D	Fuel,heat,oxygen
	E	None of the above
	Correct Answer	D
	Marks	1

10	Question Description	How can vessel personnel detect the operation of a SART in its vicinity?
	A	A unique radar signal consisting of 12 dots radiating outward from a SART's position along its line of bearing
	B	A unique two-tone "warbling" signal heard on VHF-FM Ch-70.
	C	A unique two-tone alarm signal heard upon the automatic un-muting of the 2182 kHz radiotelephone automatic watch receiver.
	D	The SART signal appears as a target which comes and goes; the effect of heavy swells on an SART.
	E	None of the above
	Correct Answer	A
	Marks	1

11	Question Description	While keeping radio watch You receive an Urgent DSC call to all vessels specifying an alternate telex frequency & emission. If your transceiver frequency display reads: 2174.5 kHz transmit & 4207.5 kHz receive:
	A	Either the call was incorrectly formatted by the other vessel or the other vessel has presumably lost MF/HF voice capability.
	B	The DSC controller decoded the contents of the DSC call but the request is illegal
	C	Both a) and d) are true.
	D	The DSC call came in on 4 MHz DSC but either the call was incorrectly formatted by the other vessel or your controller failed to decode the receive field of the alternate frequency entry and only your Transmit set-up is correct.
	E	None of the above
	Correct Answer	C
	Marks	1
12	Question Description	The brilliance control on a radar should be adjusted so that
	A	The trace is barely visible
	B	The trace is bright as possible
	C	Weaker echoes are just barely visible
	D	Weaker echoes are as strong as possible
	E	None of the above
	Correct Answer	A
	Marks	1

13	Question Description	Freeboard of a ship is
	A	The distance in meters from the topmost point of Mast till the keel
	B	The distance in meters from the Keel to the waterline
	C	The distance in meters from the waterline to the uppermost continuous deck
	D	The distance from the Pilmsol mark to the waterline
	E	None of the above
	Correct Answer	C
	Marks	1

14	Question Description	The Inmarsat Special Access Code to be used when requesting Medical Advice is
	A	32
	B	38
	C	43
	D	42
	E	None of the above
	Correct Answer	A
	Marks	1

15	Question Description	The Inmarsat Special Access Code to be used to report a Navigation Hazard is
	A	41
	B	38
	C	42
	D	43
	E	None of the above
	Correct Answer	C
	Marks	1

16	Question Description	You are on watch and a ship is entering into port, the Master says, the ship has a 2 degrees Stbd list, which of the below is correct
	A	The Vessel is tilted 2degrees to Stbd side
	B	The Vessel is tilted 2degrees to port side
	C	The Vessel has kept 2 crewlists ready to hand over to the Harbour Master
	D	The Vessel will keep 2degrees to stbd of the port channel while entering into port.
	E	None of the above
	Correct Answer	A
	Marks	1

17

Question Description	A safety precaution when working aloft near a transmitter antenna, is to
A	Ensure the transmitter is in the standby position only
B	Disable the transmitter by removing the supply fuses
C	Lock the frequency on 2182 KHz with transmitter on low power and J3H mode
D	Ensure the transmission mode is at H3E
E	None of the above
Correct Answer	B
Marks	1

18	Question Description	A ship at anchor has been communicating effectively with a shore station approximately 500 miles (805km) distant on a frequency in the 16 MHz band periodically throughout the day. Toward the late afternoon and evening, what effect should be noticed?
	A	Communications should be maintained with slight improvement in the signal received from the shore station.
	B	The gray line effect will prevent communications after dark.
	C	Communications should gradually deteriorate and become impossible on this frequency at night.
	D	Communications should improve and peak at night
	E	None of the above
	Correct Answer	C
	Marks	1

19	Question Description	Where is the plimsoll mark found on a ship
	A	Port and stbd side in the fore part of the vessel
	B	Port and stbd side of the Funnel of the vessel
	C	Port and stbd side Midship area of the vessel
	D	Port and stbd side aft section of the vessel
	E	None of the above
	Correct Answer	C
	Marks	1

20	Question Description	As a safety precaution when working aloft near a transmitter antenna, ensure
	A	Transmitter is switched to the standby condition
	B	Antenna insulators are clean and transmitter switched off
	C	Antenna is disconnected from the transmitter and main fuses removed
	D	Transmitter switched off main fuses removed and connect antenna to earth
	E	None of the above
	Correct Answer	D
	Marks	1

21	Question Description	An EPIRB signal indicates...
	A	ID and position of casualty on X-band/3cm/9GHz radar
	B	position, course and speed of vessel in distress
	C	that survivors have abandoned ship
	D	that one or more persons may be in distress, and may have abandoned ship
	E	None of the above
	Correct Answer	D
	Marks	1

22	Question Description	An on-load test of the radio batteries can be done by operating the transmitter on full power and with the battery charger
	A	off while observing the battery voltmeter
	B	off while observing the discharge current
	C	on while observing the discharge current
	D	on while observing the battery voltmeter
	E	None of the above
	Correct Answer	A
	Marks	1

23	Question Description	You are on watch and a ship is entering into port, the Master says, the forward draft is 7.0mtrs and the Aft draft is 7.0mtrs, which of the below is correct
	A	The Vessel has Stbd List
	B	The vessel is on an even keel
	C	The vessel has port list
	D	The Vessel is on perfect keel
	E	None of the above
	Correct Answer	B
	Marks	1

24	Question Description	GMDSS Sea Area A2 is best described as being within
	A	MF RT range of at least one shore station providing continuous MF DSC alerting
	B	RT range of an MF shore station providing continuous MF watch
	C	HF RT range of at least one shore station providing continuous HF DSC alerting
	D	Range of the Inmarsat system with continuous watch
	E	None of the above
	Correct Answer	A
	Marks	1

25	Question Description	What causes the SART to begin a transmission?
	A	When activated manually, it begins radiating immediately.
	B	It is either manually or water activated before radiating.
	C	After being activated the SART responds to radar interrogation.
	D	It begins radiating only when keyed by the operator.
	E	None of the above
	Correct Answer	C
	Marks	1

26	Question Description	Communication allowed on the port Operations Service are those related to the
	A	Operational handling of ships and the movement and safety of ships only
	B	Operational handling of ships and Ship Chandlers only
	C	Operational handling of ships and the movement and safety of ships and emergency the safety of persons
	D	Movement and safety of ships and ship Chandlers notification only
	E	None of the above
	Correct Answer	C
	Marks	1

27	Question Description	You are on watch and a ship is entering into port, the Master says, the forward draft is 7.0mtrs and the Aft draft is 7.5mtrs, which of the below is correct
	A	The Vessel is 0.5mtrs trim by Head
	B	The vessel is on an even keel
	C	The list of the ship is 0.5 deg to Port side
	D	The Vessel is 0.5mtrs trim by Stern
	E	None of the above
	Correct Answer	D
	Marks	1

28	Question Description	The correct format for an RT Urgency call is
	A	PAN (x3) this is Marpanco JARC 341234513 (x3)
	B	All Stations (x3) this is Marpanco (x3)
	C	PAN PAN (x3) All Stations (x3) this is Marpanco (x3) JARC 341234513 (x3)
	D	SECURITE (x3) All Stations (x3) this is Marpanco (x3) JARC 341234513 (x3)
	E	None of the above
	Correct Answer	C
	Marks	1

29	Question Description	On a radar, an alternative name for the anti-rain clutter control
	A	Shift Control
	B	F.T.C control
	C	S.T.C Control
	D	Swept gain control
	E	None of the above
	Correct Answer	B
	Marks	1

30	Question Description	The gain control on a radar should be adjusted so that
	A	The screen has no speckling
	B	Clutter echoes are showing at maximum strength
	C	No clutter echoes are showing on the screen
	D	There is a light speckled background on the screen
	E	None of the above
	Correct Answer	D
	Marks	1

31	Comprehension	<p>Read the passage and answer the questions below:</p> <p>Stereotyping is a type of generalization which attributes traits or characteristics to everyone in a large group. People who stereotype tend to have fixed and unbending opinions. They respond to challenges by distorting reality, rather than consider their assumptions and conclusions, which they have labelled as the truth. What happens is that the facts are compared to the stereotype and then rejected, because they do not fit the stereotype. Stereotyping is often caused by ethno-centrism. The ramifications of stereotyping are that it:</p> <ul style="list-style-type: none"> • Forces us to choose ideas • Causes destructive competition • Alienates us from others • Leads to narrow thinking <p>We end up denying dignity to others, whom we stereotype, and generate unhappiness all around us.</p>
	Question Description	Those who tend to stereotype are not likely to
	A	have rigid views about others

B	revisit their assumptions about others
C	believe their opinions as the truth
D	distort reality rather than face truth
E	None of the above
Correct Answer	B
Marks	1

32 **Comprehension** Read the passage and answer the questions below:

Stereotyping is a type of generalization which attributes traits or characteristics to everyone in a large group. People who stereotype tend to have fixed and unbending opinions. They respond to challenges by distorting reality, rather than consider their assumptions and conclusions, which they have labelled as the truth. What happens is that the facts are compared to the stereotype and then rejected, because they do not fit the stereotype.

Stereotyping is often caused by ethno-centrism. The ramifications of stereotyping are that it:

- Forces us to choose ideas
- Causes destructive competition
- Alienates us from others
- Leads to narrow thinking

We end up denying dignity to others, whom we stereotype, and generate unhappiness all around us.

Question Description	Identify the phrase from the following options, which means ‘alienates’
A	encourages estrangement
B	generates friendliness
C	connects to others
D	turns towards strangers
E	None of the above
Correct Answer	A
Marks	1

33

Comprehension	<p>Read the passage and answer the questions below:</p> <p>Stereotyping is a type of generalization which attributes traits or characteristics to everyone in a large group. People who stereotype tend to have fixed and unbending opinions. They respond to challenges by distorting reality, rather than consider their assumptions and conclusions, which they have labelled as the truth. What happens is that the facts are compared to the stereotype and then rejected, because they do not fit the stereotype. Stereotyping is often caused by ethno-centrism. The ramifications of stereotyping are that it:</p> <ul style="list-style-type: none"> • Forces us to choose ideas • Causes destructive competition • Alienates us from others • Leads to narrow thinking <p>We end up denying dignity to others, whom we stereotype, and generate unhappiness all around us.</p>
----------------------	--

Question Description	Select the synonym for 'ramification' from the options provided below
A	cause
B	aftermath
C	juncture
D	source
E	None of the above
Correct Answer	B
Marks	1

34 **Comprehension** Read the passage and answer the questions below:

Stereotyping is a type of generalization which attributes traits or characteristics to everyone in a large group. People who stereotype tend to have fixed and unbending opinions. They respond to challenges by distorting reality, rather than consider their assumptions and conclusions, which they have labelled as the truth. What happens is that the facts are compared to the stereotype and then rejected, because they do not fit the stereotype. Stereotyping is often caused by ethno-centrism. The ramifications of stereotyping are that it:

- Forces us to choose ideas
- Causes destructive competition
- Alienates us from others
- Leads to narrow thinking

We end up denying dignity to others, whom we stereotype, and generate unhappiness all around us.

Question Description	Read the following statements carefully and state whether they are true or false: (i) The ground reality does not match the assumptions behind the stereotype. (ii) The stereotype is thus rejected because it does not fit the perception.
A	Both the statements (i) and (ii) are false
B	Statement (i) is false but statement (ii) is true
C	Statement (i) is true but statement (ii) is false
D	Both the statements (i) and (ii) are true
E	None of the above
Correct Answer	C
Marks	1

Comprehension

Read the passage and answer the questions below:

Stereotyping is a type of generalization which attributes traits or characteristics to everyone in a large group. People who stereotype tend to have fixed and unbending opinions. They respond to challenges by distorting reality, rather than consider their assumptions and conclusions, which they have labelled as the truth. What happens is that the facts are compared to the stereotype and then rejected, because they do not fit the stereotype. Stereotyping is often caused by ethno-centrism. The ramifications of stereotyping are that it:

- Forces us to choose ideas
- Causes destructive competition
- Alienates us from others
- Leads to narrow thinking

We end up denying dignity to others, whom we stereotype, and generate unhappiness all around us.

Question Description

Stereotyping is undesirable because it tends to

A

deny dignity to others

B

have several negative ramifications

C

generate ethno-centric hostility

D

all these

E

None of the above

Correct Answer

D

Marks

1

36

Comprehension

Read the passage and answer the questions below:

Most malnutrition is invisible. Consistent undernutrition, together with bouts of infection and diarrhoea, can retard growth so gradually as to go unnoticed by the mother. Unless a child is seriously underweight or shows obvious signs of malnutrition (listlessness, discoloured hair, irritability, frequent crying, distended stomach) his condition of undernutrition may not be visible to the mother. For timely prevention of malnutrition, the UNICEF has been using the simple inexpensive method of growth monitoring charts which helps mothers whether or not their children are growing and gaining weight correctly and thus can be an effective aid to sound child health and nutrition. The first requirement for children and adults who are undernourished and living at subsistence level is adequate quantity of food. The next is nutritious food, containing all the elements necessary to support life and maintain good health.

Question Description

Select from the options given below, the original full form of UNICEF as

A

United Nations International Cultural Economic Forum

B

United National Cultural Economic Federation

C

United Nations International Children's Emergency Fund

D

United Nations Intellectual Cultural Economic Foundation

E

None of the above

Correct Answer

C

Marks

1

37

Comprehension

Read the passage and answer the questions below:

Most malnutrition is invisible. Consistent undernutrition, together with bouts of infection and diarrhoea, can retard growth so gradually as to go unnoticed by the mother. Unless a child is seriously underweight or shows obvious signs of malnutrition (listlessness, discoloured hair, irritability, frequent crying, distended stomach) his condition of undernutrition may not be visible to the mother. For timely prevention of malnutrition, the UNICEF has been using the simple inexpensive method of growth monitoring charts which helps mothers whether or not their children are growing and gaining weight correctly and thus can be an effective aid to sound child health and nutrition. The first requirement for children and adults who are undernourished and living at subsistence level is adequate quantity of food. The next is nutritious food, containing all the elements necessary to support life and maintain good health.

Question Description

As per the passage, when early signs of malnutrition go unnoticed, the immediate fallout is that this

A

hinders the prevention of malnutrition

B

conceals the condition of undernutrition

C

leads to the onset of infection and diarrhoea

D

leads to undernutrition in the long run

E

None of the above

Correct Answer

B

Marks

1

Comprehension

Read the passage and answer the questions below:

Most malnutrition is invisible. Consistent undernutrition, together with bouts of infection and diarrhoea, can retard growth so gradually as to go unnoticed by the mother. Unless a child is seriously underweight or shows obvious signs of malnutrition (listlessness, discoloured hair, irritability, frequent crying, distended stomach) his condition of undernutrition may not be visible to the mother. For timely prevention of malnutrition, the UNICEF has been using the simple inexpensive method of growth monitoring charts which helps mothers whether or not their children are growing and gaining weight correctly and thus can be an effective aid to sound child health and nutrition. The first requirement for children and adults who are undernourished and living at subsistence level is adequate quantity of food. The next is nutritious food, containing all the elements necessary to support life and maintain good health.

Question Description

The symptoms of listlessness, discoloured hair, irritability, frequent crying, distended stomach with underweight in a child indicate that s/he is suffering from

A undernutrition

B underweight

C diarrhoea

D malnourishment

E None of the above

Correct Answer A

Marks 1

39

Comprehension

Read the passage and answer the questions below:

Most malnutrition is invisible. Consistent undernutrition, together with bouts of infection and diarrhoea, can retard growth so gradually as to go unnoticed by the mother. Unless a child is seriously underweight or shows obvious signs of malnutrition (listlessness, discoloured hair, irritability, frequent crying, distended stomach) his condition of undernutrition may not be visible to the mother. For timely prevention of malnutrition, the UNICEF has been using the simple inexpensive method of growth monitoring charts which helps mothers whether or not their children are growing and gaining weight correctly and thus can be an effective aid to sound child health and nutrition. The first requirement for children and adults who are undernourished and living at subsistence level is adequate quantity of food. The next is nutritious food, containing all the elements necessary to support life and maintain good health.

Question Description

From the options provided below, identify the word or phrase from the passage that means to delay or slow down the development of something.

A distended

B listlessness

C malnutrition

D retard

E None of the above

Correct Answer D

Marks 1

40

Comprehension

Read the passage and answer the questions below:

Most malnutrition is invisible. Consistent undernutrition, together with bouts of infection and diarrhoea, can retard growth so gradually as to go unnoticed by the mother. Unless a child is seriously underweight or shows obvious signs of malnutrition (listlessness, discoloured hair, irritability, frequent crying, distended stomach) his condition of undernutrition may not be visible to the mother. For timely prevention of malnutrition, the UNICEF has been using the simple inexpensive method of growth monitoring charts which helps mothers whether or not their children are growing and gaining weight correctly and thus can be an effective aid to sound child health and nutrition. The first requirement for children and adults who are undernourished and living at subsistence level is adequate quantity of food. The next is nutritious food, containing all the elements necessary to support life and maintain good health.

Question Description

Select the suitable option that explains the term 'subsistence'.

A

a particular kind of matter having uniform properties

B

minimal resources required to survive

C

to continue to live or exist

D

food or drink regarded as nourishment

E

None of the above

Correct Answer

B

Marks

1

41	Question Description	Which country developed the first DNA vaccine for dengue?
	A	Australia
	B	India
	C	Netherlands
	D	Denmark
	E	None of the above
	Correct Answer	B
	Marks	1

42	Question Description	India's first ocean wave's energy project was launched in
	A	1981
	B	1991
	C	1995
	D	2000
	E	None of the above
	Correct Answer	B
	Marks	1

43	Question Description	Venturi tube is used for
	A	measuring intensity of earthquakes
	B	measuring specific gravity
	C	measuring density
	D	measuring flow of a fluid
	E	None of the above
	Correct Answer	D
	Marks	1

44	Question Description	ICAO stands for
	A	International Civil Aviation Organization
	B	Indian Corporation of Agriculture Organization
	C	Institute of Company of Accounts Organization
	D	Institute of Company of Auditor Organization
	E	None of the above
	Correct Answer	A
	Marks	1

45	Question Description	Who laid the foundation stone of the world's largest and most unique Divyang Park?
	A	Virendra Kumar
	B	Narayan Tatu Rane
	C	Nitin Gadkari
	D	Amit Shah
	E	None of the above
	Correct Answer	C
	Marks	1

46	Question Description	On which date is World Peace and Understanding Day celebrated?
	A	February 23
	B	February 21
	C	February 20
	D	February 22
	E	None of the above
	Correct Answer	A
	Marks	1

47	Question Description	Photosynthesis takes place faster in
	A	yellow light
	B	white light
	C	red light
	D	darkness
	E	None of the above
	Correct Answer	B
	Marks	1

48	Question Description	Which state has pyramid-like structures known as moidams that have met all the technical requirements of UNESCO's World Heritage Centre?
	A	Assam
	B	Sikkim
	C	Kerala
	D	Gujarat
	E	None of the above
	Correct Answer	A
	Marks	1

49	Question Description	Which Australian player announced his retirement from first-class cricket?
	A	Steve Smith
	B	Shaun Marsh
	C	Todd Murphy
	D	Nathan Lyon
	E	None of the above
	Correct Answer	B
	Marks	1

50	Question Description	Which state government launched the 'Gaj Mitra' initiative to prevent human-elephant conflict?
	A	Gujarat
	B	West Bengal
	C	Tamil Nadu
	D	Uttarakhand
	E	None of the above
	Correct Answer	B
	Marks	1

Question Description

Direction: In each of the following question, there is a certain relationship between two given pair on both side of '::<'. One part is given on another side of '::<' while another part is to be found from the given options, having the same relation with this part as the parts of the given pair . Choose the correct part from the following options.

$$\frac{2}{3} : \frac{19}{29} :: \frac{8}{7} : ?$$

$$\text{A} \quad \text{C}$$

$$\frac{89}{79} \quad \frac{79}{69}$$

$$\text{B} \quad \text{D}$$

$$\frac{79}{79} \quad \frac{80}{70}$$

A

A

B

B

C

C

D

D

E

None of the above

Correct Answer

C

Marks

1

52

Question Description

Find missing numbers?

5	3	6
7	20	?
9	21	17
38	?	47

A

43, 32

B

55 , 65

C

43, 48

D

43, 55

E

None of the above

Correct Answer

D

Marks

1

53

Question Description

Directions: Following questions are based upon the word series given below.

DEN, RAT, EAR, OWL, CUB

If E is added in the end of the words that start with consonants and B is added in the beginning of the words that start with vowel then how many meaningful English words can be formed so?

A

2

B

5

C

3

D

4

E

None of the above

Correct Answer

D

Marks

1

54

Question Description

Direction: In each of the following question, there is a certain relationship between two given pair on both side of '::'. One word is given on another side of '::' while another word is to be found from the given options, having the same relation with this word as the words of the given pair . Choose the correct word from the following options.

Hair : Bald :: Crop : ?

A

Field

B

Farmer

C

Rain

D

Barren

E

None of the above

Correct Answer

D

Marks

1

55

Question Description

Direction: In each of the following question, there is a certain relationship between two given pair on both side of ':' . One word is given on another side of ':' while another word is to be found from the given options, having the same relation with this word as the words of the given pair . Choose the correct word from the following options..

MAD : JXA :: RUN : ?

A

OSQ

B

PRJ

C

UXQ

D

ORK

E

None of the above

Correct Answer

D

Marks

1

56

Question Description

The following questions are based on five words given below:

MET

ARK

MOB

SKI

URN

(The new words formed after performing the mentioned operations may or may not necessarily be meaningful English word)

If in each of the words, all the alphabets are arranged in English alphabetical order within the word, how many words will be begin with a vowel?

A

None

B

One

C

Two

D

Three

E

None of the above

Correct Answer

D

Marks

1

57

Question Description

Directions: Read the following information carefully and answer the questions given beside.

Ten guards from A to J are standing on ten gates of a pentagon shaped park. The gates are built such that the gates at the corners of the park are large and the gates at the edges of the park are small. The guards at the large gate are facing towards the center while the guards at the small gate are facing outside the center.

B is standing third to the right of E, who is standing at one of the large gates. C is on the immediate left of D. I is an immediate neighbor of B and stands third to the right of F. C is not adjacent to both F and B. A is facing towards the center. G faces outside and is not an immediate neighbor of I and C. Only 4 guards stand between A and H.

Four of the following five are alike in a certain way and thus form a group. Which of the following does not belong to the same group?

A

D

B

I

C

E

D

B

E

None of the above

Correct Answer

D

Marks

1

58

Question Description

Directions: Each of the following consists of a question and some statements given below it. You have to decide whether the data provided in the statements are sufficient to answer the question.

What is the code for 'win like never'?

Statement I: "record inning win" is coded as "fe gu pu" and "party like win" is coded as "ho sa fe".

Statement II: "never steal money" is coded as "ca mo pi" and "gamble money winner" is coded as "be pi ta".

Statement III: "never forget inning" is coded as "mo gu je" and "steal party tonight" is coded as "sa de ca".

A

If the data in statement I and II together is sufficient.

B

If the data in statement II and III together is sufficient.

C

If the data in all the statements together is necessary.

D

If the data in all the statements together is not sufficient.

E

None of the above

Correct Answer**C****Marks****1**

59

Question Description

Each of the questions given below consists of a question followed by three statements. You have to study the question and the statements and decide which of the statement(s) is/are necessary to answer the question.

What is the speed of the train?

I. The train crosses a tree in 13 seconds.

II. The train crosses a platform of length 250 metres in 27 seconds.

III. The train crosses another train running in the same direction in 32 seconds.

A

I and II only

B

II and III only

C

I and III only

D

Any two of the three

E

None of the above

Correct Answer

A

Marks

1

60

Question Description

Directions: Read the following information carefully and answer the question given beside.

In a code language,

start walk stop diet is coded as 8% #21 3\$7 *6

walk rest start bite is coded as #9 *6 2@9 #21

stop work diet rest is coded as ^78 8% 3\$7 #9

bite rest start diet is coded as 2@9 #9 *6 3\$7

Find the code for 'work diet'?

A 3\$7 #9

B ^78 3\$7

C ^78 #9

D 3\$7 *6

E None of the above

Correct Answer B

Marks 1

61

Question Description	At 3:40, the hour hand and the minute hand of a clock form an angle of:
A	120°
B	125°
C	130°
D	135°
E	None of the above
Correct Answer	C
Marks	1

62

Question Description

Study the following questions carefully and choose the right answer:

Statement: The cinema halls are incurring heavy losses these days as people prefer to watch movies in home on TV than to visit cinema halls.

Courses of action:

I. The cinema halls should be demolished and residential multi-storey buildings should be constructed there.

II. The cinema halls should be converted into shopping malls.

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

63

Question Description

Directions : Study the following information carefully and answer the questions given below :

The first step has been obtained by multiplying the digits in input. The next steps are not obtained the same way. They are obtained by applying certain logic. Numbers of step II have been obtained by using at least 1 digit of each number in step 1. Each step is a resultant of previous step.

Input:

2	4
---	---

3	2
---	---

8	3
---	---

1	3
---	---

5	2
---	---

1	2
---	---

Step I:

6	8
---	---

8	9
---	---

5	4
---	---

Step II:

1	9
---	---

2	1
---	---

Step III:

9

2

Step IV:

4.5

Input:

1	3
---	---

5	2
---	---

6	2
---	---

1	4
---	---

3	7
---	---

2	1
---	---

What is the sum of the numbers of step III?

- A 9
- B 12
- C 18
- D 26
- E None of the above

Correct Answer A

Marks 1

64

Question Description

Directions: Study the following questions carefully and choose the right answer:

Statement :

Postal rates have been increased to meet the deficit.

Assumptions :

I. The present rates are very low.

II. If the rates are not increased, the deficit cannot be met.

A

if only assumption I is implicit

B

if only assumption II is implicit

C

if either I or II is implicit

D

if neither I nor II is implicit

E

None of the above

Correct Answer

B

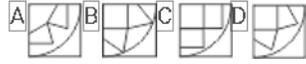
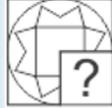
Marks

1

65

Question Description

Which Answer Figure will complete the pattern in the figure?



A

A

B

B

C

C

D

D

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.

DOMINANCE : HEGEMONY

A

romance : sympathy

B

furtherance : melancholy

C

independence : autonomy

D

tolerance : philanthropy

E

None of the above

Correct Answer

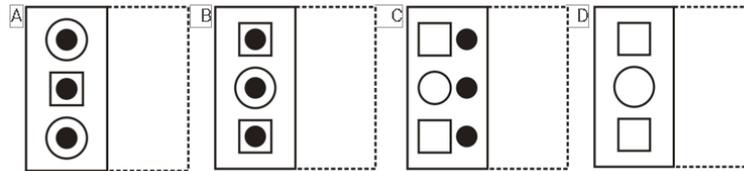
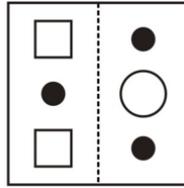
C

Marks

1

Question Description

A square transparent sheet with a pattern is given in Figure. Find out from amongst the alternatives as to how the pattern would appear when the transparent sheet is folded at the dotted line.



A	A
B	B
C	C
D	D
E	None of the above
Correct Answer	B
Marks	1

68

Question Description	The price of a television was first decreased by 10 percent and then increased by 20 percent. The final price was what percent of the initial price?
A	90%
B	98%
C	108%
D	110%
E	None of the above
Correct Answer	C
Marks	1

69	Question Description	A motorboat, whose speed in 15 km/hr in still water goes 30 km downstream and comes back in a total of 4 hours 30 minutes. The speed of the stream (in km/hr) is:
	A	4
	B	5
	C	6
	D	10
	E	None of the above
	Correct Answer	B
	Marks	1

70	Question Description	Which is the odd one out?
	A	optimize
	B	retrograde
	C	ameliorate
	D	regenerate
	E	None of the above
	Correct Answer	B
	Marks	1

Question Description

Directions: In each question below there are given some statements followed by some conclusions. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows/follow from the given statements, disregarding commonly known facts.

Statements:

No curtain is an element.

All elements are pillows.

Conclusions:

I. All pillows being curtains is a possibility.

II. Some elements are definitely not curtains.

A

Only conclusion I follows

B

Only conclusion II follows

C

Either conclusion I or II follows

D

Both conclusions I and II follows

E

None of the above

Correct Answer

B

Marks

1

72

Question Description

Directions : Read the given instructions carefully and answer the questions beside-

A + B (5) = A is 10 m to the NORTH of B

A - B (7) = A is 12 m to the SOUTH of B

A * B (12) = A is 17 m to the EAST of B

A / B (11) = A is 16 m to the West of B.

R / P (13), P / Q (19) , S + Q (5), U / S (19), U – T (5)

What is the shortest distance between S and P?

A 26m

B 25m

C 28m

D 23m

E None of the above

Correct Answer A

Marks 1

73

Question Description	How many pairs of letters are there in the word NURSING which have as many letters between them as in the alphabet?
A	One
B	Three
C	Five
D	Six
E	None of the above
Correct Answer	B
Marks	1

74

Question Description

Directions: Study the following information carefully and answer the questions given beside:

Garv is the son of Sashi. Heer is the father of Manu. Garv is married to Devi. Garv and Manu are siblings. Prem is the brother of Devi. Sashi has only one son. Riya is the son of Garv. Prem is the father of Kaka. Joshi is the daughter of Manu. Prem has no daughters.

How is Manu related to prem?

A

Daughter

B

Sister-in-law

C

Wife of brother-in-law

D

Sister

E

None of the above

Correct Answer

B

Marks

1

75

Question Description	On what dates of April, 2001 did Wednesday fall?
-----------------------------	--

A	1st, 8th, 15th, 22nd, 29th
----------	----------------------------

B	2nd, 9th, 16th, 23rd, 30th
----------	----------------------------

C	3rd, 10th, 17th, 24th
----------	-----------------------

D	4th, 11th, 18th, 25th
----------	-----------------------

E	None of the above
----------	-------------------

Correct Answer	D
-----------------------	---

Marks	1
--------------	---