

Exported On *	2025/09/29 10:38:10
Title *	Question Paper Answer Key
OES Exam *	GPSC04202503 Medical Officer Completed 2025-09-28

1	Question Description	In diabetes all of the following statements are correct except
	A	Recognised endocrine causes of diabetes include acromegaly and cushing s syndrome
	B	The majority of type 2 diabetes mellitus patients die from cardiovascular disease
	C	Fasting blood sugar more than 126 establishes diagnosis of diabetes
	D	Patients with type 2 diabetes are more prone to ketoacidosis as compared to type 1
	E	None of the above
	Correct Answer	D
	Marks	1

2	Question Description	Rat tail appearance seen in
	A	Achalasia Cardia
	B	Reflux esophagitis
	C	Carcinoma oesophagus
	D	Hiatus hernia
	E	None of the above
	Correct Answer	C
	Marks	1
3	Question Description	First step in trauma
	A	Blood transfusion
	B	IV fluids
	C	Reconstruction
	D	Maintenance of airways
	E	None of the above
	Correct Answer	D
	Marks	1

4	Question Description	India is in which stage of the demographic cycle
	A	Stage 1
	B	Stage 2
	C	Stage 3
	D	Stage 5
	E	None of the above
	Correct Answer	C
	Marks	1
5	Question Description	According to WHO, which of the following is NOT one of the core components of rational drug use?
	A	Patients receive medications appropriate to their clinical needs
	B	Medications are given in doses that meet individual requirements
	C	Medications are given for the shortest possible time
	D	Medications are prescribed only by specialists
	E	None of the above
	Correct Answer	C
	Marks	1

6	Question Description	What is the advantage of fixed dose combination of drugs ?
	A	Increases efficacy of the drug
	B	Decreases adverse effects
	C	Patient compliance is improved
	D	All of the above
	E	None of the above
	Correct Answer	D
	Marks	1
7	Question Description	Which of the following vitamins is most likely to be deficient in strict vegans unless dietary supplementation is given?
	A	Vitamin A
	B	Vitamin B12
	C	Vitamin C
	D	Vitamin K
	E	None of the above
	Correct Answer	B
	Marks	1

8	Question Description	All of the following are screening methods for CIN (Cervical intraepithelial neoplasia) except
	A	Colposcopic guided biopsy
	B	Pap smear
	C	HPV DNA testing
	D	VIA
	E	None of the above
	Correct Answer	A
	Marks	1
9	Question Description	Which of the following statements about calendar method (Rhythm method) is false :
	A	Abstinence is needed for only a few days in a month
	B	It is associated with no costs
	C	Safe period can also be observed using temperature rhythm or mucous method
	D	Ectopic pregnancy is a reported complication of calendar method
	E	None of the above
	Correct Answer	D
	Marks	1

10	Question Description	Tb of spine best diagnostic modality is ?
	A	CT guided biopsy
	B	MRI
	C	Clinical
	D	Xray
	E	None of the above
	Correct Answer	A
	Marks	1
11	Question Description	Limiting amino acids in wheat are
	A	Methionine and lysine
	B	Lysine and threonine
	C	Threonine and methionine
	D	Arginine and lysine
	E	None of the above
	Correct Answer	B
	Marks	1

12	Question Description	Which hyperthyroid drug is safer during 1st trimester of pregnancy ?
	A	Propylthiouracil
	B	Methimazole
	C	Carbimazole
	D	Radioactive iodine
	E	None of the above
	Correct Answer	A
	Marks	1
13	Question Description	Which of the following is the apex decision-making body for health planning in India?
	A	Ministry of Health and Family Welfare
	B	Central Council of Health and Family Welfare
	C	NITI Aayog
	D	National Health Mission Directorate
	E	None of the above
	Correct Answer	C
	Marks	1

14	Question Description	Non modifiable risk factor for hypertension
	A	Gender
	B	Obesity
	C	Salt intake
	D	Cultural characteristics acquired over time
	E	None of the above
	Correct Answer	A
	Marks	1
15	Question Description	Which of the following is a preventable cause of mental retardation?
	A	Hypothyroidism
	B	Downs syndroem
	C	Cerebral palsy
	D	All of the above
	E	None of the above
	Correct Answer	A
	Marks	1

16	Question Description	"Equity in health services" as a health planning goal means:
	A	Equal distribution of hospitals
	B	Equal per capita spending across regions
	C	Health services provided according to need
	D	Free medical care for all groups
	E	None of the above
	Correct Answer	C
	Marks	1
17	Question Description	First visible sign of puberty in females
	A	Pubarche
	B	Growth spurt
	C	Menarche
	D	Thelarche
	E	None of the above
	Correct Answer	D
	Marks	1

18	Question Description	A 32-year-old male presents with suspected intraocular foreign body after hammering metal. Best initial investigation to localize the foreign body is:
	A	CT orbit (thin cuts)
	B	MRI orbit
	C	B-scan ultrasonography
	D	Direct ophthalmoscopy
	E	None of the above
	Correct Answer	A
19	Marks	1
	Question Description	A 35 yr old male patient came to OPD in April 2020, with symptoms of cold and cough associated with loss of smell and taste . Next step in management
	A	Nasopharyngeal swab for SARS Cov2 testing
	B	Oropharyngeal swab for rapid antigen test
	C	Serum analysis for IgG
	D	Serum analysis for IgM
	E	None of the above
	Correct Answer	A
	Marks	1

20

Question Description	The legal requirement for MTP Includes the approval of 2 doctors , among the following ,Which time period best suits for this requirement?
A	12-24 wks
B	20-24 wks
C	12-14 wks
D	> 24 wks
E	None of the above
Correct Answer	B
Marks	1

21	Question Description	Investigation of choice for acute Subarachnoid hemorrhage .
	A	Enhanced MRI
	B	MRI
	C	CT scan
	D	Angiography
	E	None of the above
	Correct Answer	C
	Marks	1
22	Question Description	The primary objective of Tele-MANAS is:
	A	Provide teleconsultation for dermatological conditions
	B	Provide 24/7 free tele-mental health services across India
	C	Provide AI-based radiology reporting
	D	Online medical education for doctors
	E	None of the above
	Correct Answer	B
	Marks	1

23

Question Description

A 55-year-old male presents with rapid weight loss, muscle wasting, and ongoing diarrhea after major abdominal surgery. Laboratory tests show low serum albumin and total cholesterol. The treating physician decides not to initiate parenteral nutrition. Which of the following is the most likely contraindication for parenteral nutrition in this patient?

A

History of active infection

B

Severe diarrhea

C

Malignancy diagnosis

D

Liver cirrhosis

E

None of the above

Correct Answer

A

Marks

1

24	Question Description	Kwashiorkor differs from marasmus primarily in:
	A	Degree of weight loss
	B	Presence of edema
	C	Age of onset
	D	Presence of wasting
	E	None of the above
	Correct Answer	B
	Marks	1
25	Question Description	Which of the following is the core principle of the Alma-Ata Declaration (1978)?
	A	Tertiary hospital expansion
	B	Health for All through Primary Health Care
	C	Privatization of health services
	D	Compulsory free medicines worldwide
	E	None of the above
	Correct Answer	B
	Marks	1

26	Question Description	Human development index doesn't include
	A	Mean years of schooling
	B	Life expectancy at birth
	C	income
	D	Infant mortality rate
	E	None of the above
	Correct Answer	D
27	Marks	1
	Question Description	A 26 year old male , known case of rheumatic heart disease with atrial fibrillation presents with acute onset weakness of left side of body (both upper and lower limb) which recovered in 20 hours . CT scan brain showed infarct in right internal capsule . The most likely diagnosis is
	A	Embolic stroke
	B	Thrombotic stroke
	C	TIA
	D	Hemorrhagic stroke
	E	None of the above
	Correct Answer	A
	Marks	1

28	Question Description	Under National Health Policy 2017, the target IMR by 2025 is:
	A	<15 per 1000 live births
	B	<20 per 1000 live births
	C	<25 per 1000 live births
	D	<30 per 1000 live births
	E	None of the above
	Correct Answer	B
29	Marks	1
	Question Description	Nutritional Status of community is measured by all EXCEPT
	A	Mid arm circumference in 0-1 year age group
	B	Anemia detection in pregnancy
	C	Child birth weight <2500 grams
	D	Height and weight calculated in <5 years age group
	E	None of the above
	Correct Answer	A
	Marks	1

30	Question Description	A child with throat pain and fever has been found to have whitish membrane in tonsillar region which bleeds on scraping .What is the possible diagnosis ?
	A	Acute Membranous Tonsillitis
	B	Candidiasis
	C	Diphtheric Tonsillitis
	D	Infectious Mononucleosis
	E	None of the above
	Correct Answer	C
31	Marks	1

Comprehension

READ THE PASSAGE BELOW AND ANSWER THE QUESTIONS:

Despite the rapid proliferation of artificial intelligence across industries, there remains considerable skepticism about its capacity to emulate human creativity. While AI can synthesize vast data and mimic stylistic nuances, its output often lacks the unpredictability and emotional depth characteristic of genuine artistic innovation. Recent experiments in machine-generated literature and art have produced technically proficient results, yet critics argue these works are fundamentally derivative, echoing established patterns from human creators rather than originating new paradigms. Nevertheless, advocates insist that AI expands the boundaries of creativity, facilitating novel collaborations between humans and machines. Researchers point to hybrid projects that leverage algorithmic input as a catalyst for breakthroughs, suggesting a future where AI serves less as a replacement and more as an enhancer of human ingenuity. As the debate intensifies, questions persist on what constitutes truly original art and whether creative intuition can ever be programmed. Ultimately, the integration of AI into creative fields demands a reassessment not just of technology's capabilities but also of our definitions of artistry.

32

Question Description

According to the passage, why do critics regard AI-generated art as "fundamentally derivative"?

A

It often plagiarizes existing works

B

It replicates existing human patterns instead of creating new ones

C

It lacks any technical proficiency

D

It ignores stylistic nuances

E

None of the above

Correct Answer

B

Marks

1

Comprehension

READ THE PASSAGE BELOW AND ANSWER THE QUESTIONS:

Despite the rapid proliferation of artificial intelligence across industries, there remains considerable skepticism about its capacity to emulate human creativity. While AI can synthesize vast data and mimic stylistic nuances, its output often lacks the unpredictability and emotional depth characteristic of genuine artistic innovation. Recent experiments in machine-generated literature and art have produced technically proficient results, yet critics argue these works are fundamentally derivative, echoing established patterns from human creators rather than originating new paradigms. Nevertheless, advocates insist that AI expands the boundaries of creativity, facilitating novel collaborations between humans and machines. Researchers point to hybrid projects that leverage algorithmic input as a catalyst for breakthroughs, suggesting a future where AI serves less as a replacement and more as an enhancer of human ingenuity. As the debate intensifies, questions persist on what constitutes truly original art and whether creative intuition can ever be programmed. Ultimately, the integration of AI into creative fields demands a reassessment not just of technology's capabilities but also of our definitions of artistry.

33

Question Description

What role do AI advocates claim for artificial intelligence in the creative process?

A

Replacing human creators entirely

B

Restricting artistic boundaries

C

Enhancing human creativity through collaboration

D

Undermining originality in art

E

None of the above

Correct Answer

C

Marks

1

Comprehension

READ THE PASSAGE BELOW AND ANSWER THE QUESTIONS:

Despite the rapid proliferation of artificial intelligence across industries, there remains considerable skepticism about its capacity to emulate human creativity. While AI can synthesize vast data and mimic stylistic nuances, its output often lacks the unpredictability and emotional depth characteristic of genuine artistic innovation. Recent experiments in machine-generated literature and art have produced technically proficient results, yet critics argue these works are fundamentally derivative, echoing established patterns from human creators rather than originating new paradigms. Nevertheless, advocates insist that AI expands the boundaries of creativity, facilitating novel collaborations between humans and machines. Researchers point to hybrid projects that leverage algorithmic input as a catalyst for breakthroughs, suggesting a future where AI serves less as a replacement and more as an enhancer of human ingenuity. As the debate intensifies, questions persist on what constitutes truly original art and whether creative intuition can ever be programmed. Ultimately, the integration of AI into creative fields demands a reassessment not just of technology's capabilities but also of our definitions of artistry.

Question Description

The passage suggests that machine-generated literature has been criticized primarily due to its:

A

lack of technical competence

B

unpredictability

34

C

reliance on human-created paradigms

D

inability to handle data

E

None of the above

Correct Answer

C

Marks

1

Comprehension

READ THE PASSAGE BELOW AND ANSWER THE QUESTIONS:

Despite the rapid proliferation of artificial intelligence across industries, there remains considerable skepticism about its capacity to emulate human creativity. While AI can synthesize vast data and mimic stylistic nuances, its output often lacks the unpredictability and emotional depth characteristic of genuine artistic innovation. Recent experiments in machine-generated literature and art have produced technically proficient results, yet critics argue these works are fundamentally derivative, echoing established patterns from human creators rather than originating new paradigms. Nevertheless, advocates insist that AI expands the boundaries of creativity, facilitating novel collaborations between humans and machines. Researchers point to hybrid projects that leverage algorithmic input as a catalyst for breakthroughs, suggesting a future where AI serves less as a replacement and more as an enhancer of human ingenuity. As the debate intensifies, questions persist on what constitutes truly original art and whether creative intuition can ever be programmed. Ultimately, the integration of AI into creative fields demands a reassessment not just of technology's capabilities but also of our definitions of artistry.

Question Description

According to the passage, what does the ongoing debate about AI and artistry imply for the future?

A

AI will eventually surpass human artists

B

Definitions of artistry may need to be reevaluated

C

Creative intuition is easily programmed

D

Human ingenuity will become obsolete

E

None of the above

Correct Answer

B

Marks

1

35

Comprehension	READ THE PASSAGE BELOW AND ANSWER THE QUESTIONS: Despite the rapid proliferation of artificial intelligence across industries, there remains considerable skepticism about its capacity to emulate human creativity. While AI can synthesize vast data and mimic stylistic nuances, its output often lacks the unpredictability and emotional depth characteristic of genuine artistic innovation. Recent experiments in machine-generated literature and art have produced technically proficient results, yet critics argue these works are fundamentally derivative, echoing established patterns from human creators rather than originating new paradigms. Nevertheless, advocates insist that AI expands the boundaries of creativity, facilitating novel collaborations between humans and machines. Researchers point to hybrid projects that leverage algorithmic input as a catalyst for breakthroughs, suggesting a future where AI serves less as a replacement and more as an enhancer of human ingenuity. As the debate intensifies, questions persist on what constitutes truly original art and whether creative intuition can ever be programmed. Ultimately, the integration of AI into creative fields demands a reassessment not just of technology's capabilities but also of our definitions of artistry.
Question Description	Which of the following best captures the author's perspective on AI's potential in creativity?
A	AI poses an existential threat to artistic innovation
B	AI's role is mainly technical and limited
C	AI may serve more as an enhancer than as a replacement
D	AI inevitably diminishes emotional depth
E	None of the above
Correct Answer	C
Marks	1

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Comprehension

READ THE PASSAGE AND ANSWER THE QUESTIONS:

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

Question Description

According to the passage, what does linguistic diversity encompass?

A

Economic progress

B

Unique worldviews and cultural narratives

C

Only words and grammar

D

Global business languages

E

None of the above

Correct Answer

B

Marks

1

37

Comprehension

READ THE PASSAGE AND ANSWER THE QUESTIONS:

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

Question Description

Why do dominant languages risk minority languages?

A

They offer financial benefits

B

They marginalize minority languages through globalization

C

They simplify communication

D

They are easier to learn

E

None of the above

Correct Answer

B

Marks

1

Comprehension

READ THE PASSAGE AND ANSWER THE QUESTIONS:

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

Question Description

What are key strategies for language preservation mentioned?

A

Commercialization and regulation

B

Community participation and digital documentation

C

Forced mandating

D

Urbanization

E

None of the above

Correct Answer

B

Marks

1

Comprehension

READ THE PASSAGE AND ANSWER THE QUESTIONS:

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

Question Description

Which practical challenge to language revival is NOT mentioned?

A

Political neglect

B

Urban migration of youth

C

Insufficient resources

D

Environmental degradation

E

None of the above

Correct Answer

D

Marks

1

Comprehension

READ THE PASSAGE AND ANSWER THE QUESTIONS:

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

Question Description

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

A

It is inevitable and unimportant

B

It requires urgent multifaceted preservation efforts

C

It is a purely linguistic issue

D

It benefits economic growth

E

None of the above

Correct Answer

B

Marks

1

41	Question Description	Which government initiative achieved a Guinness World Record for citizen engagement registrations in August 2025?
	A	PM-CARES
	B	Ayushman Bharat
	C	Pariksha Pe Charcha
	D	Digital India
	E	None of the above
	Correct Answer	C
	Marks	1
42	Question Description	Goa Tourism was awarded in 2025 for which distinction?
	A	Best Adventure Destination
	B	Best Wedding Destination
	C	Most Sustainable Tourism Spot
	D	Best Heritage City
	E	None of the above
	Correct Answer	B
	Marks	1

43	Question Description	What was the theme for GeM's 9th Foundation Day?
	A	Digital Procurement
	B	Ease, Access and Inclusion
	C	Women Empowerment
	D	Transparency
	E	None of the above
	Correct Answer	B
	Marks	1

44	Question Description	What significant healthcare event Goa hosted in September 2025?
	A	International Medical Summit
	B	Ayurveda Day Celebration
	C	National Homeopathy Fair
	D	Asia-Pacific Wellness Conclave
	E	None of the above
	Correct Answer	B
	Marks	1

45	Question Description	Which major motorsport event is scheduled in Goa on November 1–2, 2025, marking a new milestone in the state's sports tourism?
	A	Goa International Boat Race 2025
	B	Goa Street Race 2025
	C	Goa Triathlon 2025
	D	IRONMAN Goa
	E	None of the above
	Correct Answer	B
	Marks	1

46	Question Description	Which tennis player became the first woman since Serena Williams to win back-to-back US Open titles in 2025?
	A	Amanda Anisimova
	B	Aryna Sabalenka
	C	Iga Swiatek
	D	Coco Gauff
	E	None of the above
	Correct Answer	B
	Marks	1
47	Question Description	Which organization signed MoU with ICAR-CMFRI for Matsya Shakti Project implementation?
	A	Ministry of Fisheries
	B	Ministry of Minority Affairs
	C	Ministry of Rural Development
	D	Ministry of Tribal Affairs
	E	None of the above
	Correct Answer	B
	Marks	1

48	Question Description	Who became the first Indian to win gold at the FIDE World Cup Chess 2025?
	A	Pentala Harikrishna
	B	Viswanathan Anand
	C	R Praggnanandhaa
	D	Divya Deshmukh
	E	None of the above
	Correct Answer	D
	Marks	1
49	Question Description	Which scheme was launched to improve fisheries sector in August 2025?
	A	Matsya Shakti
	B	Jal Jeevan Mission
	C	PM-Fasal Bima Yojana
	D	Kisan Credit
	E	None of the above
	Correct Answer	A
	Marks	1

50	Question Description	Which tech company has partnered with the International Cricket Council (ICC) to promote women's cricket globally?
	A	Microsoft
	B	Amazon
	C	Meta
	D	Google
	E	None of the above
	Correct Answer	D
	Marks	1
51	Question Description	Find the compound interest on ₹1600 at 10% per annum for 2 years, compounded annually.
	A	₹320
	B	₹336
	C	₹350
	D	₹360
	E	None of the above
	Correct Answer	B
	Marks	1

52

Question Description

Find the statement that must be true according to the given information.

Sara lives in a large city on the East Coast. Her younger cousin Marlee lives in the Mid-west in a small town with fewer than 1,000 residents. Marlee has visited Sara several times during the past five years. In the same period of time, Sara has visited Marlee only once.

A

Marlee likes Sara better than Sara likes Marlee.

B

Sara thinks small towns are boring.

C

Sara is older than Marlee.

D

Marlee wants to move to the East Coast.

E

None of the above

Correct Answer

C

Marks

1

53

Question Description

Exports and imports, a swelling favourable balance of trade, investments and bank-balances, are not an index or a balance sheet of national prosperity. Till the beginning of the Second World War, English exports were noticeably greater than what they are today. And yet England has greater national prosperity today than it ever had. Because the income of average Englishmen, working as field and factory labourers, clerks, policemen, petty shopkeepers and shop assistants, domestic workers and other low-paid workers, has gone up.

The passage best supports the statement that:

A

a country's economic standard can be best adjudged by per capital income.

B

a country's balance of trade is the main criteria of determining its economic prosperity.

C

a nation's economy strengthens with the increase in exports.

D

English trade has continually increased since the Second World War.

E

None of the above

Correct Answer

A

Marks

1

Question Description

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

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

Conclusions:

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

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

A

Only conclusion I follows

B

Only conclusion II follows

C

Either I or II follows

D

Neither I nor II follows

E

None of the above

Correct Answer

A

Marks

1

55	Question Description	A train 180 m long crosses a platform 420 m long in 36 seconds. Find the speed of the train.
	A	50 km/h
	B	60 km/h
	C	70 km/h
	D	80 km/h
	E	None of the above
	Correct Answer	B
	Marks	1

56	Question Description	Pipe A fills a tank in 6 hr, Pipe B in 8 hr, Pipe C empties it in 12 hr. All open together, in how much time tank will fill?
	A	4 hr
	B	4.8 hr
	C	5 hr
	D	6 hr
	E	None of the above
	Correct Answer	B
	Marks	1

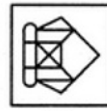
57

Question Description

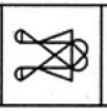
Find out the alternative figure which contains figure (X) as its part.



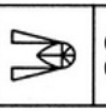
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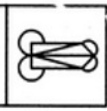
(1)



(2)



(3)



(4)

A

1

B

2

C

3

D

4

E

None of the above

Correct Answer

B

Marks

1

58	Question Description	A and B can complete a work together in 12 days. B alone can do it in 30 days. In how many days will A alone do it?
	A	15
	B	18
	C	20
	D	25
	E	None of the above
	Correct Answer	C
	Marks	1
59	Question Description	How many ways can the letters of the word "DIRECTOR" be arranged so that vowels always come together?
	A	720
	B	1440
	C	2160
	D	4320
	E	None of the above
	Correct Answer	C
	Marks	1

60	Question Description	At what time between 4 o'clock and 5 o'clock will the hands of the clock be together?
	A	4 hours, 20 minutes, 13 seconds,
	B	4 hours, 21 minutes, 49 seconds
	C	4 hours, 23 minutes, 49 seconds,
	D	4 hours, 17 minutes, 49 seconds,
	E	None of the above
	Correct Answer	B
	Marks	1
61	Question Description	If $A:B=2:3$ and $B:C=4:5$, then $A:B:C=?$
	A	8:12:15
	B	2:4:5
	C	4:6:5
	D	6:8:15
	E	None of the above
	Correct Answer	A
	Marks	1

62	Question Description	ZA ₅ , Y ₄ B, XC ₆ , W ₃ D, ____?__
	A	E ₇ V
	B	V ₂ E
	C	VE ₅
	D	VE ₇
	E	None of the above
	Correct Answer	D
	Marks	1
63	Question Description	Look at this series: 4, 7, 25, 10, __, 20, 16, 19. What number should fill the blank?
	A	13
	B	15
	C	20
	D	28
	E	None of the above
	Correct Answer	A
	Marks	1

64

Question Description

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

A

wolf : pack

B

elephant : jungle

C

beagle : clan

D

herd : peacock

E

None of the above

Correct Answer

A

Marks

1

65

Question Description	Simplify: $0.96 \div 0.24 + 0.35 \div 0.07$.
A	7
B	8
C	9
D	10
E	None of the above
Correct Answer	C
Marks	1

66

Question Description

Here are some words translated from an artificial language.

agnoscrenia means poisonous spider

delanocrenia means poisonous snake

agnosdeery means brown spider

Which word could mean "black widow spider"?

A

deeryclostagnos

B

agnosdelano

C

agnosvitribulunin

D

trymuttiagnos

E

None of the above

Correct Answer

C

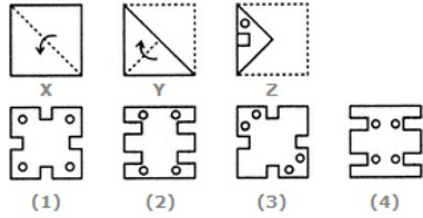
Marks

1

67

Question Description

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

**A**

1

B

2

C

3

D

4

E

None of the above

Correct Answer

C

Marks

1

68

Question Description

A, B and C jointly thought of engaging themselves in a business venture. It was agreed that A would invest Rs. 6500 for 6 months, B, Rs. 8400 for 5 months and C, Rs. 10,000 for 3 months. A wants to be the working member for which, he was to receive 5% of the profits. The profit earned was Rs. 7400. Calculate the share of B in the profit.

A

Rs. 1900

B

Rs. 2660

C

Rs. 2800

D

Rs. 2840

E

None of the above

Correct Answer

B

Marks

1

69

Question Description	Two ships are sailing in the sea on the two sides of a lighthouse. The angle of elevation of the top of the lighthouse is observed from the ships are 30° and 45° respectively. If the lighthouse is 100 m high, the distance between the two ships is:
A	173 m
B	200 m
C	273 m
D	300 m
E	None of the above
Correct Answer	C
Marks	1

70	Question Description	A invests ₹6,000 for 12 months, B invests ₹8,000 for 9 months, C invests ₹10,000 for 6 months. How should they distribute a profit of ₹2,800?
	A	840, 840, 1120
	B	940, 960, 1000
	C	800, 900, 1100
	D	988, 988, 824
	E	None of the above
	Correct Answer	D
71	Marks	1
	Question Description	The sum of ages of A and B is 50. Four years ago, the ratio of their ages was 3:2. Find A's age.
	A	28.8
	B	29.2
	C	32.2
	D	34.9
	E	None of the above
	Correct Answer	B
	Marks	1

72

Question Description	Sam purchased 20 dozens of toys at the rate of Rs. 375 per dozen. He sold each one of them at the rate of Rs. 33. What was his percentage profit?
A	3.5 %
B	4.5%
C	5.6%
D	6.5%
E	None of the above
Correct Answer	C
Marks	1

73

Question Description

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

JUDGEMENT

(1) TNEMEGDUJ

(2) TNEMEGDUL

(3) TNEMEGDUL

(4) LUDGEMENT

A

1

B

2

C

3

D

4

E

None of the above

Correct Answer

C

Marks

1

74	Question Description	The diagonal of a rectangle is 25 cm and one side is 24 cm. Find area of rectangle.
	A	120 cm ²
	B	140 cm ²
	C	168 cm ²
	D	420 cm ²
	E	None of the above
	Correct Answer	C
75	Marks	1
	Question Description	Find the sum of first 30 even natural numbers.
	A	930
	B	900
	C	960
	D	990
	E	None of the above
	Correct Answer	A
	Marks	1