SSC MTS (2022) Official Paper (Held On: 10 May, 2023 Shift 2) (Previous Year Paper)

SSC Multi-Tasking Staff (MTS) • 2022 • 90 questions • 90 minutes • Answer key

Take this paper as a timed mock test

Practise under exam conditions, then review your answers after you submit.

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SESSION 1

Q1. A defective dining set costing Rs. 10000 is being sold at 10% loss. If the price is further reduced successively by 5%, then the selling price is:

(a) 8550
(b) 7850
(c) 9000
(d) 9150

Q2. The following tables show the product sold by a shopping app in 3 years. Find the average number of clothes sold by the app in all three years.

Products	2019	2020	2021
Cloth	824	476	500
Electronics	750	820	450
Makeup	660	810	510
Footwear	470	390	790

(a) 450
(b) 740
(c) 530
(d) 600

Q3. 9 boys and 12 men can complete a work in 24 days. Each boy takes thrice the time taken by a man to complete the work. In how many days will 15 men complete the same work?

(a) 26 days
(b) 30 days
(c) 24 days
(d) 22 days

Q4. The marked price of an article is 150 percent of the cost price. If 30 percent discount is given, then what will be the profit percentage?

(a) 3 percent
(b) 5 percent
(c) 6 percent
(d) 4 percent

Q5. If p : q = 4 : 7 and q : r = 3 : 5, then what is the value of 2p : 3q : 5r ?

(a) 36 : 60 : 181
(b) 25 : 72 : 180
(c) 24 : 63 : 175

(d) 28 : 79 : 188

Q6. A jar contains a mixture of milk and water, having 50% water. A part of this mixture is replaced by another mixture having 29% water. The percentage of water in the jar after replacement is 36%. What fraction of the original mixture was replaced?

(a) 3/2
(b) 4/5
(c) 1/3
(d) 2/3

Q7. Find the value of $(22)^2 - (14)^2 - 207$:

(a) 97
(b) 99
(c) 81
(d) 77

Q8. Sides of a triangle are 20 cm, 48 cm and 52 cm. What is the area of the triangle?

(a) 320 cm^2
(b) 480 cm^2
(c) 560 cm^2
(d) 245 cm^2

Q9. Average of 4 numbers is 45. Average of first two numbers is thrice the average of other two numbers. What is the sum of first two numbers?

(a) 122
(b) 105
(c) 125
(d) 135

Q10. A sum of money at simple interest amounts to Rs. 212 in 2 years and to Rs. 224 in 4 years. The sum is:

(a) Rs. 400
(b) Rs. 200
(c) Rs. 100
(d) Rs. 500

Q11. What is that least perfect square which is exactly divisible by each of 14, 84 and 28?

(a) 7056
(b) 3528
(c) 1764
(d) 441

Q12. Ramesh sells an article at a loss of 20 percent. If he buys it for 30 percent less price and sells it for Rs. 36 less price, then his profit will be 10 percent. What is the cost price of the article?

(a) 1000
(b) 1200
(c) 900
(d) 1500

Q13. 12 workers can earn Rs. 2400 in 10 days. Find the earnings of 6 workers in 6 days.

(a) Rs. 630
(b) Rs. 720
(c) Rs. 510
(d) Rs. 840

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Q14. The difference between compound interest and simple interest on Rs. x at 25% per annum for 2 years is Rs. 325. Find the value of x.

(a) Rs. 5200
(b) Rs. 4000
(c) Rs. 5300
(d) Rs. 2400

Q15. There are three cups of mixture of milk and water in ratio 4 : 5, 5 : 6, 9 : 7. 36 liters of first and 44 liters of second cup are taken. How much quantity from third cup is to be taken so that final mixture from the three cups will have milk and water in ratio 1 : 1?

(a) 32 litres
(b) 64 litres
(c) 54 litres
(d) 60 litres

Q16. What is the value of $56/7 \times (24/81 \times 729/72) + 42/6$?

(a) 30
(b) 32
(c) 31
(d) 33

Q17. Find the area of the Kite whose diagonals are 22 cm and 6 cm.

(a) 66 cm^2
(b) 100 cm^2
(c) 88 cm^2
(d) 50 cm^2

Q18. A 1000 metres long train is running at the speed of 72 km/hr. If it crosses a bridge in 85 seconds, then what is the length of the bridge?

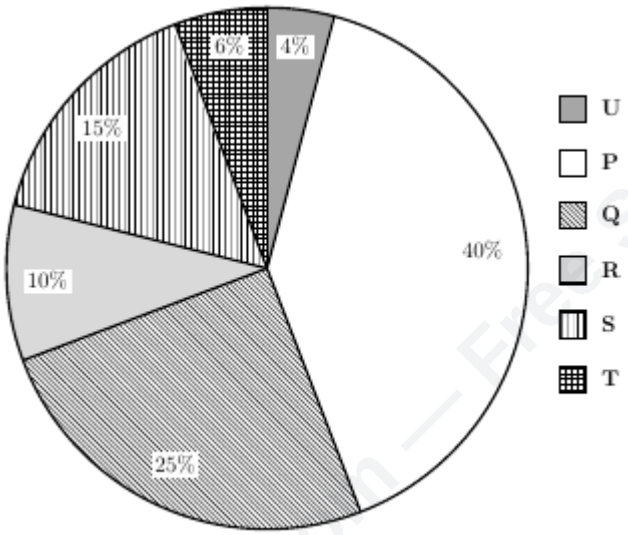
(a) 800 metres
(b) 700 metres
(c) 950 metres
(d) 750 metres

Q19. The average height of 40 sticks is 156 cm. Some sticks of average height 162 cm are taken out. If the new average height is 150 cm, then how many sticks are remaining?

(a) 25
(b) 20
(c) 16
(d) 32

Q20. The pie chart given below shows the number of mobile phones sold by six companies in a year. The total mobile phones sold by six companies are 300. Number of mobile phones sold by a particular company is shown as a percentage of total number of mobile phones sold by all these six companies.

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What is the average number of mobile phones sold by Q and S?

(a) 45
(b) 60
(c) 75
(d) 80

Q21. Select the option that is related to the third word in the same way as the second word is related to the first word.

Malaysia : Kuala Lumpur :: Bhutan : ?

(a) Dhaka
(b) Islamabad
(c) Kathmandu
(d) Thimphu

Q22. Two Statements are given followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

All subjects are tough.

No tough is easy.

Conclusions:

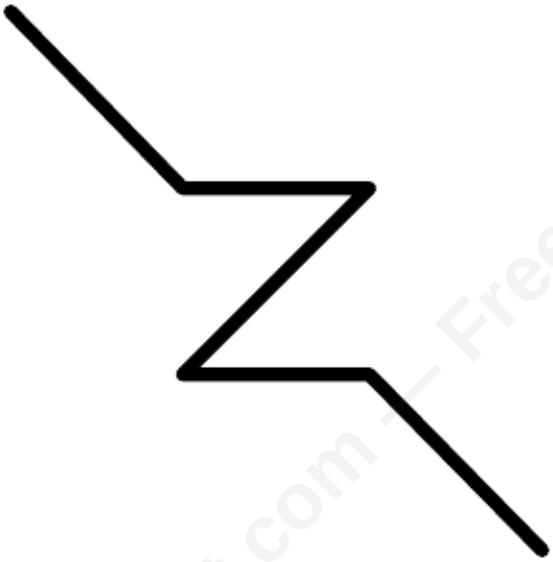
I. Some subjects are easy.

II. Some easy are tough.

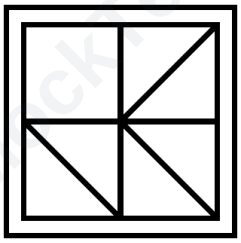
(a) Only conclusion I follows
(b) Neither conclusion I nor II follows
(c) Only conclusion II follows
(d) Both conclusions I and II follow

Q23. Select the option figure in which the given figure is embedded. (rotation is NOT allowed)

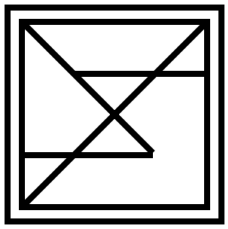
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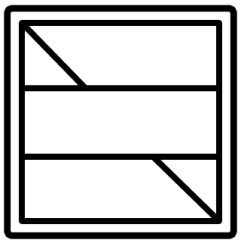
(a)



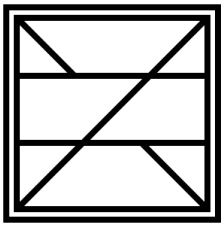
(b)



(c)

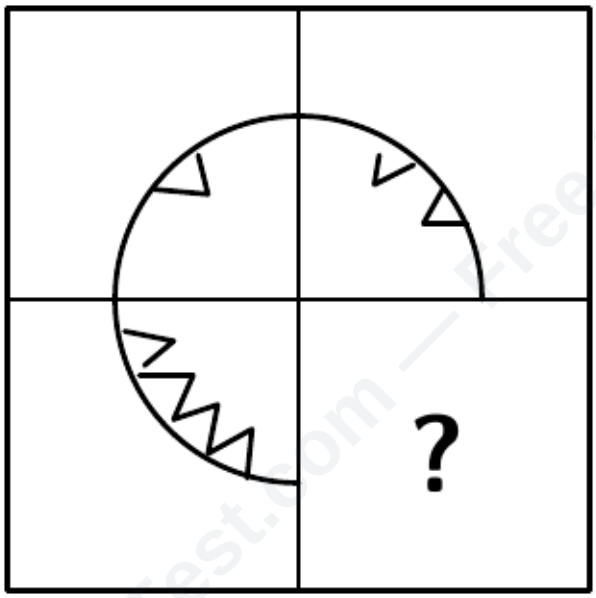


(d)



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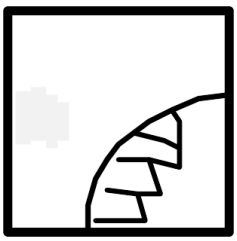
Q24. Select the option figure that will replace the question mark (?) in the figure given below to complete the pattern. (rotation is not allowed)



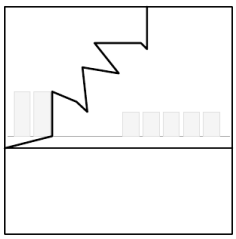
(a)



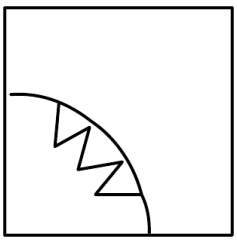
(b)



(c)



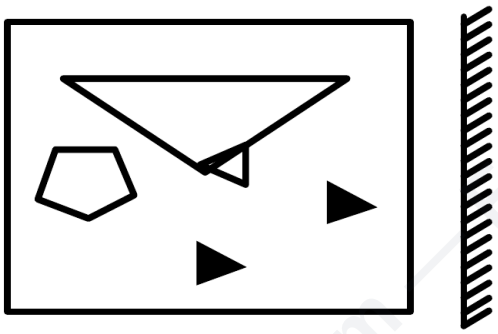
(d)



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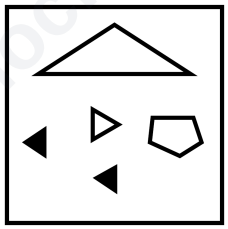
Q25. If a mirror is placed on the line AB, then out of the option figures which figure will be the right image of the question figure?

A

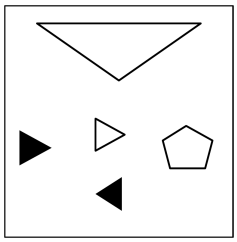


B

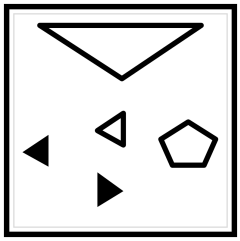
(a)



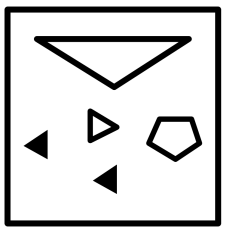
(b)



(c)



(d)



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Q26. In a certain code language, 'RATIO' is written as 'ITARO'. How will 'UNTIL' be written in that language?

(a) INTUL
(b) ITLUN
(c) ITUNL
(d) ITNUL

Q27. Which of the following numbers will replace the question mark (?) in the given series?

92, 99, 106, 113, 120, ?

(a) 117
(b) 127
(c) 213
(d) 217

Q28. Which two numbers should be interchanged to make the given equation correct?

11 × 2 + 15 ÷ 13 - 3 = 14

(a) 14 and 15
(b) 3 and 2
(c) 13 and 3
(d) 11 and 15

Q29. Seven people A, B, C, D, E, F, and G are comparing their heights. No two people are of the same height. F is taller than A, who is taller than D and C. Only two people are shorter than E but neither of them is C. D is not the shortest person. G is shorter than just one person, F. Who is the shortest person?

(a) E
(b) A
(c) B
(d) C

Q30. Select the option that is related to the third word in the same way as the second word is related to the first word.

Judge : Court :: Gambler : ?

(a) Casino
(b) Hangar
(c) Sea
(d) Station

Q31. Select the option that is related to the third letter in the same way as the second letter is related to the first letter.

A : Z :: I : ?

(a) V
(b) S
(c) R
(d) T

Q32. In the following question, select the missing number of the given series.

1, 22, 43, 64, 85, ?

(a) 114
(b) 110
(c) 108
(d) 106

Q33. Q, R, and S are sitting in a straight line facing south. U, W, and X are sitting in a parallel line facing north. Q is sitting to the immediate left of S and opposite to W. R who is opposite to U, is to the immediate right of S. Who sits to the immediate right of U?

(a) Q
(b) W
(c) S

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(d) X

Q34. In a certain code language, 'IMAGE' is written as 'RN1TV'. How will 'KNIFE' be written in that language?

(a) PIMVU
(b) P9MUV
(c) PM9UV
(d) PM9VU

Q35. In a certain code language, 'EMPIRE' is written as '5P16L18H'. How will 'EXPAND' be written in that language?

(a) 5A61D14G
(b) 5A16D18G
(c) 5A16D14G
(d) 5G16D14G

Q36. A, B, C, D, and E are sitting in a straight line facing north. C is exactly in between B and D. E is to the immediate left of B. D is not sitting at the end of the bench. Who is sitting to the immediate right of D?

(a) C
(b) E
(c) A
(d) B

Q37. Three statements are given followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

Some towns are cities.

Some cities are villages.

All villages are states.

Conclusions:

I. Some towns are not villages.

II. Some states are cities.

(a) Only conclusion II follows
(b) Only conclusion I follows
(c) Both conclusions I and II follow
(d) Neither conclusion I nor II follows

Q38. Which two numbers should be interchanged to make the given equation correct?

9 + 30 × 15 - 18 ÷ 6 = 274

(a) 18 and 9
(b) 30 and 18
(c) 15 and 18
(d) 9 and 30

Q39. Which of the following letter will replace the question mark (?) in the given series?

L, K, I, F, B, W, ?

(a) U
(b) Q
(c) R
(d) M

Q40. Study the given pattern carefully and select the number that can replace the question mark (?) in it.

First row - 25, 40, 10

Second row - 55, 70, 40

Third row - 33, 48, ?

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(a) 19
(b) 15
(c) 18
(d) 17

SESSION 2

Q41. Srimanta Sankardev is generally acknowledged with pioneering new musical, dramatic, and linguistic forms. He is associated with which of the following dance forms?
(a) Manipuri
(b) Kathakali
(c) Odissi
(d) Sattriya

Q42. Which of the following singer is the recipient of the Dadasaheb Phalke Award?
(a) Sonu Nigam
(b) Asha Bhosle
(c) Neha Kakkar
(d) Arijit Singh

Q43. According to the Union Home Ministry, the census 2021 (which got postponed due to COVID 19) was supposed to collect data for _____ for the first time.
(a) Schedule Tribes
(b) Schedule Castes
(c) Economically weaker sections
(d) Other Backward Castes

Q44. The total number of Ministers, including the Prime Minister, in the Council of Ministers shall not exceed _____ percent of the total number of members of the House of the People.
(a) fifteen
(b) twelve
(c) twenty
(d) ten

Q45. "Brahmadeya" a type of land during Chola Period was the _____.
(a) land gifted to Brahmans
(b) land of non - Brahmana peasant proprietors
(c) land gifted to temples
(d) land of royal person

Q46. Which of the following structure is associated with Buddhism?
(a) Pallava
(b) Mandapa
(c) Shikhara
(d) Stupa

Q47. Which of the famous personalities belonged to the extremist phase of modern history?
(a) P.M. Mehta
(b) A.O. Hume
(c) Gopal Krishna Gokhale
(d) Bal Gangadhar Tilak

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Q48. Santhal community is an ethnic group of _____ India.

(a) eastern
(b) northern
(c) southern
(d) western

Q49. Chapchar kut festival is a famous festival of _____ state of India.

(a) Tamil Nadu
(b) Mizoram
(c) Punjab
(d) Uttar Pradesh

Q50. Neeraj Chopra, Clinched the historic gold at Tokyo Olympics 2020 with a throw of _____.

(a) 86.58 m
(b) 87.58 m
(c) 85.58 m
(d) 88.58 m

Q51. Which articles of the Indian constitution address fundamental rights?

(a) Article 12 to 35
(b) Article 5 to 35
(c) Article 12 to 40
(d) Article 5 to 11

Q52. The SI unit of power of lens is _____.

(a) candela
(b) mole
(c) watt
(d) dioptre

Q53. Shifting Agriculture is also known as Jhum in _____.

(a) Maharashtra
(b) Assam
(c) Rajasthan
(d) Karnataka

Q54. Who among the following freedom fighters was one of the founders of the Fergusson College in Pune in 1885?

(a) Subhash Chandra Bose
(b) Bal Gangadhar Tilak
(c) Sardar Vallabh Bhai Patel
(d) Lala Lajpat Rai

Q55. In which sport did Mirabai Chanu win India's first Gold Medal at the Commonwealth Games 2022?

(a) Boxing
(b) Archery
(c) Weightlifting
(d) Shooting

Q56. The government launched the Stand - Up India scheme to promote entrepreneurship among _____.

(a) Disabled Individuals
(b) Transgender community
(c) Elderly Individuals
(d) Women and SC/ST communities

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Q57. The National Anti-Doping Bill was passed in the Lok Sabha on July 27, 2022. Which of the following organisation manage and administer doping control programs in India?

(a) National Anti-Doping Agency (NADA)
(b) National Adverse Doping Agency (NADA)
(c) National Dope Testing Laboratory (NDTL)
(d) National Doping Control Agency (NDCA)

Q58. The head office of National Bank for Agricultural and Rural Development is located in _____.

(a) Pune
(b) Mumbai
(c) Chennai
(d) Kolkata

Q59. What is added to toothpaste to reduce tooth decay?

(a) Iron
(b) Cobalt
(c) Fluoride
(d) Molybdenum

Q60. "The Inheritance of Loss" is written by which of the following authors?

(a) Jhumpa Lahiri
(b) Amitav Ghosh
(c) Kiran Desai
(d) Anita Desai

Q61. In which of the following regions days and nights are almost equal in length throughout the year?

(a) Tundra region
(b) Equatorial region
(c) Desert region
(d) Mountain forest region

Q62. Kathakali is a classical dance of which state?

(a) Andhra Pradesh
(b) Tamil Nadu
(c) Karnataka
(d) Kerala

Q63. Which of the following statement is 'NOT' correct about "Manures”?

(a) They can be prepared in the fields
(b) They do not provide humus to soil
(c) They are relatively less rich in plant nutrients
(d) They are natural substance

Q64. In migration the factors which cause people to leave their place of residence or origin are called _____.

(a) Pull factors
(b) Regular factors
(c) Push factors
(d) Irregular factors

Q65. Which place in the world receives the highest rainfall?

(a) Agartala
(b) Guwahati
(c) Itanagar
(d) Mawsynram

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Q66. Select the most appropriate synonym of the given word.

Backfire

(a) Florid
(b) Collapse
(c) Flood
(d) Flourish

Q67. Choose the sentence with no spelling error.

(a) We need to give priority to customer satisfaction.
(b) We need to give priority to customar satisfaction.
(c) We need to give priorrity to customer satisfaction.
(d) We need to give priority to customer satisfraction.

Q68. Direction: Identify the segment that contains a grammatical error. If there is no error, select 'No error'.

He behaves so aggressive in his new/ home that he is rehoused with an old/ couple who could give him everything he lacks.

(a) couple who could give him everything he lacks.
(b) home that he is rehoused with an old
(c) No error
(d) He behaves so aggressive in his new

Q69. Select the most appropriate option to substitute the bracketed segment in the given sentence. If there is no need to substitute it, select 'no substitution required'.

Jane was asked by her (aunt, "Where were you least night"?)

(a) No substitution required
(b) aunt that, "Where were you last night?"
(c) aunt, "Where were you last night?"
(d) aunt, "Where last night you was?"

Q70. Select the most appropriate word for the given group of words.

Scientific tests or techniques used in connection with the detection of crime

(a) Post - mortem
(b) Autopsy
(c) Forensics
(d) Etymology

Q71. Identify the segment that contains a grammatical error. If there is no error, select 'No error'.

In doing so, he have acquainted/ himself with the geological features/ and colours of the stone of the site.

(a) No error
(b) and colours of the stone of the site.
(c) himself with the geological features
(d) In doing so, he have acquainted

Q72. Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.

The film's director decide to reshoot the scene.

(a) deciding to reshoot
(b) decide to reshot
(c) decided to reshoot
(d) No improvement

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Q73. Select the most appropriate meaning of the given idiom.

High horse

(a) To be very lucky
(b) To have a low self-esteem
(c) An attitude of moral superiority
(d) To be the person in charge

Q74. Select the most appropriate option to fill in the blank.

As a preliminary to negotiation, the government was required to _____ all the obnoxious measures.

(a) rescind
(b) requisite
(c) quaint
(d) repeat

Q75. Choose the word that is opposite in meaning to the given word.

Apprentice

(a) Crude
(b) Neophyte
(c) Veteran
(d) Essential

Q76. Select the most appropriate synonym of the given word.

Unfamiliar

(a) Unsparing
(b) Prodigal
(c) Strange
(d) Parallel

Q77. Ddirection: Select the most appropriate antonym to substitute the bracketed word in the given sentence.

The lens in this collection is focused very carefully upon the (quotidian), with all of its utterly familiar vexations.

(a) Mandatory
(b) Normal
(c) Sporadic
(d) Obligatory

Q78. Select the most appropriate word for the given group of words.

Impossible to deny or disapprove

(a) Incontrovertible
(b) Dubitable
(c) Frangible
(d) Assailable

Q79. Select the most appropriate option to fill in the blank.

If the anesthesia is not ____ properly, he might wake up in the ____ of the surgery.

(a) perpetuated/start
(b) administer/during
(c) perpetuated/middle
(d) administered/middle

Q80. A sentence has been given with a blank to be filled with an appropriate option. Choose the correct alternative.

The need to take theatre online _____ in global collaborations.

(a) has resulted
(b) result
(c) have resulted

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(d) resulting

Q81. Select the most appropriate meaning of the bracketed idiom in the given sentence.

After repeated failures and disappointments he was tempted (to throw up the sponge), but continued perseverance finally brought success.

(a) To catch somebody of guard
(b) To surrender or give up the contest
(c) To reveal secret information
(d) To be afraid

Q82. Direction: Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.

He didn't went to the school as he was down with fever.

(a) No error
(b) He didn't went
(c) was down with fever.
(d) to the school as he

Q83. Select the word segment that substitutes (replaces) the bracketed word segment correctly and completes the sentence meaningfully. Select the option 'no correction required' if the sentence is correct as given.

(Much times), I have felt that conversations like these must take place in person.

(a) Many a times
(b) Many time
(c) No correction required
(d) Many a time

Q84. Choose the correctly spelled word.

(a) Dominering
(b) Domoneering
(c) Dominiering
(d) Domineering

Q85. Select the most appropriate option to fill in the blank.

He wanted me to _____ your necklace.

(a) stern
(b) steal
(c) steel
(d) steam

Directions

In the following passage some of the words have been deleted. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.

Gaming in the banking sector seems virtually (1) ____ to eliminate. The only effective measure to end it would be to (2) __ bankers personally liable for losses, to remove the sense that their actions - their games – have (3) ____ personal financial or legal consequences.

It is this, rather (4) ____ removing the cap on bankers' bonuses, that has the best chance of preventing the financial system blowing (5) ____ again.

Q86. Select the most appropriate option to fill in blank number 1.

(a) feasible
(b) impossible
(c) penetrable
(d) liable

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Q87. Select the most appropriate option to fill in blank number 2.

(a) gave
(b) bake
(c) take
(d) make

Q88. Select the most appropriate option to fill in blank number 3.

(a) never
(b) none
(c) not
(d) no

Q89. Select the most appropriate option to fill in blank number 4.

(a) then
(b) but
(c) so
(d) than

Q90. Select the most appropriate option to fill in blank number 5.

(a) on
(b) into
(c) up
(d) off

ANSWER KEY

1	a	2	a	3	a	4	a	5	a	6	a	7	a	8	a	9	a	10	a
11	a	12	a	13	a	14	a	15	a	16	a	17	a	18	a	19	a	20	a
21	a	22	a	23	a	24	a	25	a	26	a	27	a	28	a	29	a	30	a
31	a	32	a	33	a	34	a	35	a	36	a	37	a	38	a	39	a	40	a
41	a	42	a	43	a	44	a	45	a	46	a	47	a	48	a	49	a	50	a
51	a	52	a	53	a	54	a	55	a	56	a	57	a	58	a	59	a	60	a
61	a	62	a	63	a	64	a	65	a	66	a	67	a	68	a	69	a	70	a
71	a	72	a	73	a	74	a	75	a	76	a	77	a	78	a	79	a	80	a
81	a	82	a	83	a	84	a	85	a	86	a	87	a	88	a	89	a	90	a

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