SSC MTS (2022) Official Paper (Held On: 12 May, 2023 Shift 3) (Previous Year Paper)

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

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SESSION 1

Q1. Evaluate: 5 × 4 + (3 + 4)²÷ 7 × 4

(a) 47
(b) 46
(c) 48
(d) 49

Q2. Selling price of an article is Rs. 616. If loss percentage is 30 percent. then what Is the cost price of article?

(a) Rs. 850
(b) Rs. 800
(c) Rs. 880
(d) Rs. 900

Q3. The average of 5 consecutive natural numbers is 43. The largest of these numbers is:

(a) 41
(b) 43
(c) 45
(d) 46

Q4. X boys can do a work in 80 days. In how much time, 2X boys will do half of the same work?

(a) 16 days
(b) 30 days
(c) 12 days
(d) 20 days

Q5. Find the value of 144 ÷ 12 + 4² - 44 + 54 ÷ 3 × 2.

(a) 5
(b) 15
(c) 20
(d) 30

Q6. The population of a village decreases at the rate of 40% per annum. If its population 2 years ago was 15,000, then find the present population?

(a) 5400
(b) 3500
(c) 4450
(d) 4400

Q7. If the ratio of the volumes of two cylinders is 6 : 5 and the ratio of their heights is 5 : 24, then what is the ratio of their radii?

(a) 12 : 7
(b) 5 : 6
(c) 1 : 2
(d) 12 : 5

Q8. The following table shows the sales of comic and fiction books in different shops. Find the ratio of total books sold from shop C to that of shop A.

Shops	Comic Books	Fiction Books
A	200	150
B	250	200
C	350	300
D	400	200
E	450	500

(a) 13 : 5
(b) 13 : 7
(c) 11 : 7
(d) 11 : 13

Q9. A bus travels first 100 km at a speed of 100 km/hr. It covers next 150 km at a speed of 90 km/hr. What is the average speed?

(a) 120.50 km/hr
(b) 93.75 km/hr
(c) 100.25 km/hr
(d) 156.25 km/hr

Q10. What is the area of the lateral surface of a right circular cylinder, If the circumference of the base is 22 cm and its height is four times of its radius?

(a) 388 cm^2
(b) 308 cm^2
(c) 408 cm^2
(d) 288 cm^2

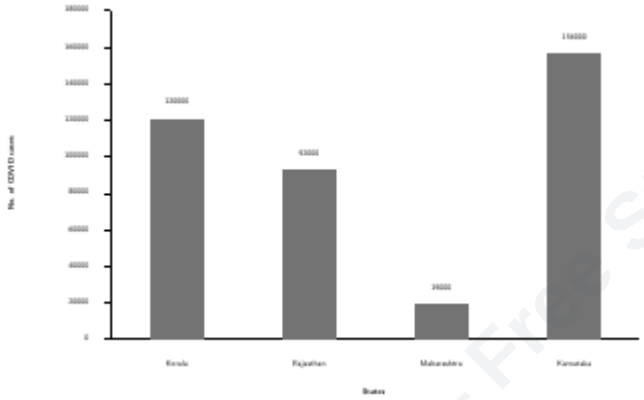
Q11. The greatest number which when divides 456 and 553 leaves the remainder as 6 and 3 respectively is:

(a) 5
(b) 50
(c) 10
(d) 30

Q12. The following bar graph presents the number of cases of COVID in four states of India n the year 2022.

How much percent cases are more in Karnataka than Kerala?

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(a) 20%
(b) 40%
(c) 30%
(d) 50%

Q13. Harshita went to a clothing store. A dress with a tag price Rs. 2999 is sold at a discount of 20%. How much will Harshita pay for the dress, if she will buy it?

(a) Rs. 2899.40
(b) Rs. 2699.50
(c) Rs. 2199.80
(d) Rs. 2399.20

Q14. Find compound interest on Rs. 60000 at 10% per annum for 5 years, compounded annually.

(a) Rs. 3456.87
(b) Rs. 34563.12
(c) Rs. 36630.60
(d) Rs. 3254.98

Q15. The price of bike is Rs. 7000 last year. The price increased by 10% this year. What is the price of bike this year?

(a) Rs. 7400
(b) Rs. 7700
(c) Rs. 7600
(d) Rs. 7500

Q16. X can do a piece of work alone in 15 days while Y alone can do it in 10 days. They worked together for 3 days and remaining work is finished by Z in 1 day. If they get paid Rs. 4000 for the entire work. then what is the share of Z?

(a) Rs. 2000
(b) Rs. 1000
(c) Rs. 1200
(d) Rs. 800

Q17. Rs. 1200 are divided among X, Y and Z such that Y's share is Rs. 200 more than X's share. Y's share is also Rs. 200 less than Z's share. The share of Y is:

(a) Rs. 200
(b) Rs. 600
(c) Rs. 800
(d) Rs. 400

Q18. A shopkeeper sells a box and earn a profit of 5%. For the next box he decides to charge double the selling price. What is the profit percent on second box?

(a) 100%
(b) 110%
(c) 200%
(d) 80%

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Q19. In a room, there are 36 women and 20 men. What is the ratio of men to the total number of people in that room?

(a) 14 : 11
(b) 5 : 14
(c) 5 : 11
(d) 5 : 13

Q20. A boy can row upstream at 12 km/hr and downstream at 23 km/hr. What is the speed of the stream?

(a) 3.5 km/hr
(b) 4.5 km/hr
(c) 6.5 km/hr
(d) 5.5 km/hr

Q21. Seven brothers Subham, Sourav, Sehwag, Sachin, Sam, Shoaib, and Surya's have different ages. Subham is the eldest brother. Surya is older than only two brothers. Sourav is elder than Sam but younger than Shoaib. Sehwag is older than Sachin only. How many brothers are younger than Sourav?

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

Q22. In a certain code language, 'NOTIFY' is coded as 'TONYFI'. What is the code for ‘PATENT' in that code language?

(a) TAPTEN
(b) TAPENT
(c) PATTNE
(d) TAPTNE

Q23. Three statements are given followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to he at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

All cats are tigers.

All tigers are lions,

Some tigers are dogs.

Conclusions:

I. All cats are lions.

II. Some dogs are lions.

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

Q24. Select the option that is related to the third number in the same way as the second number is related to the first number.

7 : 343 :: 4 : ?

(a) 58
(b) 72
(c) 84
(d) 64

Q25. Select the option that is related to the third word in the same way as the second word is related to the first word.

Rabbit : Leap :: Parrot : ?

(a) Prowls
(b) Fly
(c) Bird

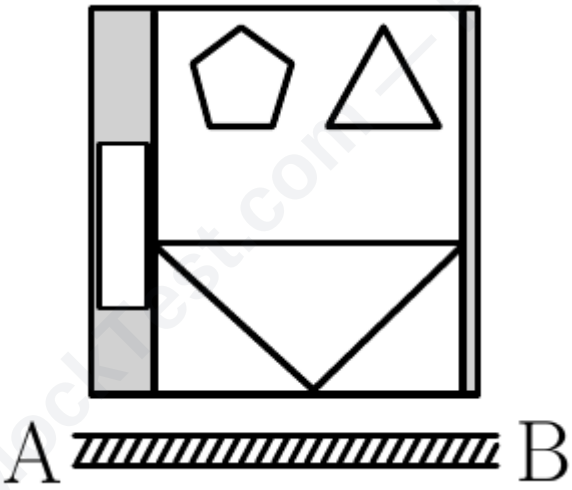
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(d) Crawl

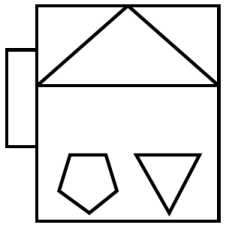
Q26. In a certain code language, 'DISPUTE' is written as 'SID16ETU'. How will 'FEATURE' be written in that language?

(a) AEF20ERU
(b) AEF20UER
(c) AEF02ERU
(d) AEF20REU

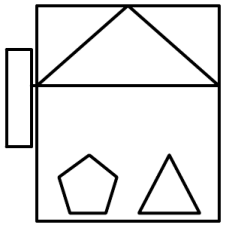
Q27. If a mirror is placed on the line AB. then out of the option figures which figure will be the right image of the question figure?



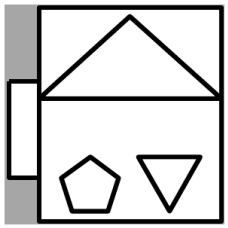
(a)



(b)

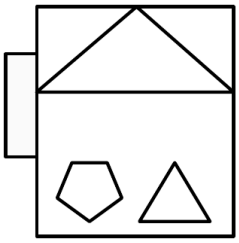


(c)



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(d)



Q28. Study the given pattern carefully and select the number that can replace the question mark (?) in it.

First row- 80, 64, 48

Second row- 112, 96, 80

Third row- 232, 216, ?

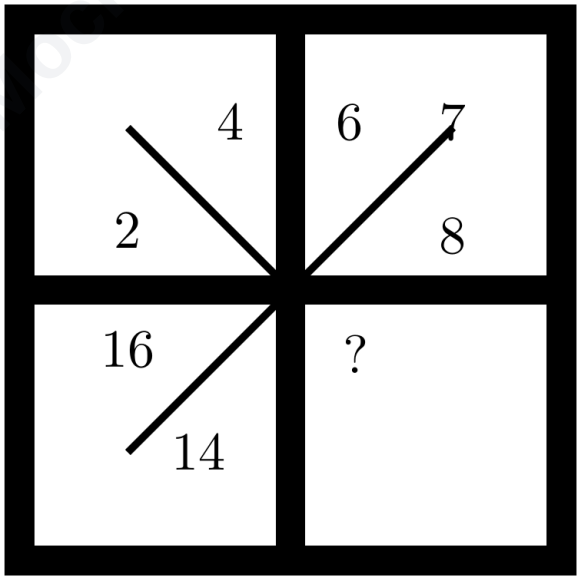
(a) 230

(b) 225

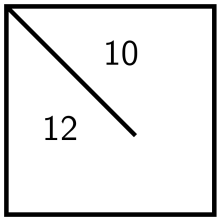
(c) 219

(d) 200

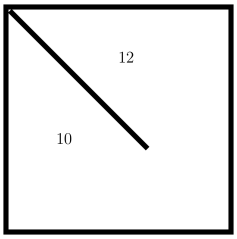
Q29. Select the option figure that will replace the question mark (?) in the figure given below to complete the pattern. (rotation is not allowed)



(a)

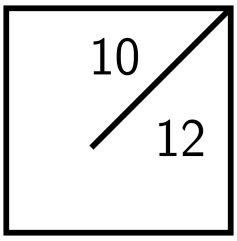


(b)

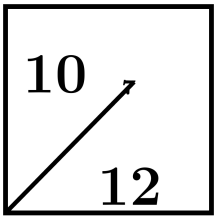


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(c)



(d)



Q30. Which of the following letter cluster will replace the question mark (?) in the given series?

KS, MU, OW, QY, SA, UC,?

(a) WD
(b) EW
(c) WE
(d) WS

Q31. Six colleagues X, Y, Z, A, B, and C sit around a circular table facing away from the centre. B sits to the immediate left of Y. A sits to the immediate right of Z. X sits adjacent to B. C does not sit adjacent to Y, Who sits to the immediate right of A.

(a) Y
(b) X
(c) C
(d) B

Q32. Which two signs should be interchanged to make the given equation correct?

8 ÷ 2 × 7 - 5 + 2 = 1

(a) × and +
(b) • and -
(c) × and -
(d) • and =

Q33. In a certain code language, 'COAT' is written as 'XLZG'. How will 'PLAY' be written in that language?

(a) KZOB
(b) KOZB
(c) JOZB
(d) KPZB

Q34. Select the option that is related to the third letter cluster in the same way as the second letter cluster is related to the first letter cluster.

RS : TU :: TM : ?

(a) UP
(b) OV
(c) VP
(d) VO

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Q35. Six friends S, T, U, V, W, and X sit in a row facing south. U sits exactly in between S and V. X sits exactly in between W and T. Five friends sit to the left of S. Who sits second to the left of V?

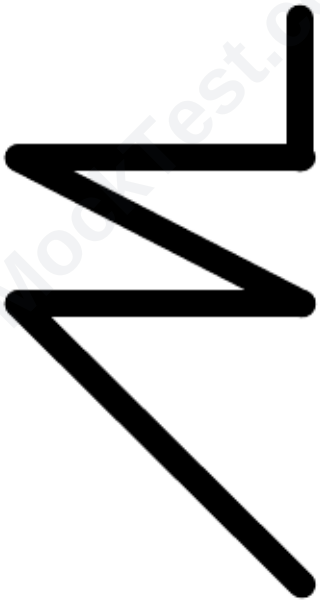
(a) W
(b) T
(c) X
(d) U

Q36. Which of the following numbers will replace the question mark (?) in the given series?

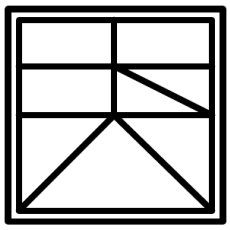
43, 45, 48, 53, 60, 71, ?

(a) 83
(b) 81
(c) 82
(d) 84

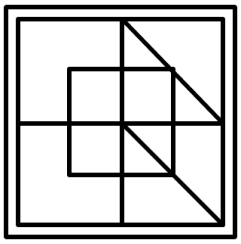
Q37. select the option figure in which the given figure is embedded. (rotation is NOT allowed)



(a)

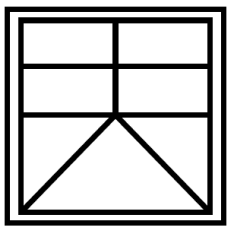


(b)

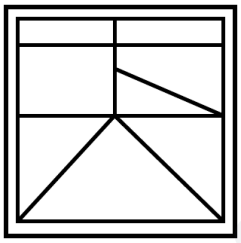


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(c)



(d)



Q38. Which of the following numbers will replace the question mark (?) in the given series?

55, 61, 67, 73, 79, ?

(a) 82
(b) 85
(c) 93
(d) 94

Q39. 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:

Some apples are fruits.

All fruits are mangoes.

Conclusions:

I. Some apples are mangoes.

II. All mangoes are fruits.

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

Q40. Which two numbers should be interchanged to make the given equation correct?

16 + 24 × 12 - 25 ÷ 6 = 312

(a) 25 and 24
(b) 25 and 12
(c) 25 and 16
(d) 24 and 16

SESSION 2

Q41. The Competition (Amendment) Bill, 2022 belongs to ____ Ministry of India.

(a) Tribal Affairs
(b) Corporate Affairs
(c) Finance
(d) Law and Justice

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Q42. The rules made for the Buddhist “Sangha” were written down in a book called _____.

(a) Abhidhammapitaka
(b) Sutta pitaka
(c) Vinaya pitaka
(d) Milinda Panha

Q43. Which among the following is NOT a bacterial disease?

(a) Cholera
(b) Typhoid
(c) Rabies
(d) Plague

Q44. The bank rate in the Indian economy is determined by the _____.

(a) State bank of India
(b) Reserve Bank of India
(c) Finance ministry of India
(d) Securities and Exchange Board of India

Q45. Preet writes about an ocean that separates North America from Europe. Which ocean is it?

(a) Atlantic Ocean
(b) Indian Ocean
(c) Arctic Ocean
(d) Pacific Ocean

Q46. Which among the following is the highest peak of West Bengal?

(a) Sandakphu
(b) Saramati
(c) Doddabetta
(d) Deomali

Q47. All Indian Muslim league was formed at Dacca in _____.

(a) 1904
(b) 1906
(c) 1902
(d) 1908

Q48. Dilwara Temples at Mount Abu, Rajasthan is an example of _____ temple architecture.

(a) Buddhist
(b) Jain
(c) Mughal
(d) Dravida

Q49. Who among the following won the French Open 2022 Badminton Tournament Men's Doubles Title in Paris?

(a) Chirag Shetty and Satwiksairaj Ranki Reddy
(b) Lu Ching Yao and Yang Po Han
(c) Takuro Hoki and Yugo Kobayashi
(d) Ko Sung Hyun and Shin Baek Cheol

Q50. Which among the following Articles of the Indian Constitution deals with the "Fundamental Duties"?

(a) 55-A
(b) 51-A
(c) 61-A
(d) 54-A

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Q51. “Losar” is celebrated as New year festival in Sikkim. It is celebrated on the first day of the first month of the _____ lunar calender.

(a) Tibetan
(b) Islamic
(c) Gregorian
(d) Persian

Q52. In 2022, the Union Ministry of Electronics and IT approved the greenfield Electronic Manufacturing Cluster (EMC) in _____.

(a) Rajasthan
(b) Maharashtra
(c) West Bengal
(d) Kerala

Q53. Dribbling is associated with _____ sport.

(a) Basketball
(b) Cricket
(c) Badminton
(d) Swimming

Q54. Bhopal gas disaster occurred in which of the following factory?

(a) Meghnagar Pharmachem Pvt Ltd
(b) Standard Surfactants Limited
(c) Union Carbide Pesticide plant
(d) Bhopal Incinerator Ltd.

Q55. Which among the following is not associated with Tabla?

(a) Shakoor Khan
(b) Jnan Prakash Ghosh
(c) Sabir Khan
(d) Sandeep Das

Q56. Yakshagana is a famous folk dance associated with which of the following states?

(a) Karnataka
(b) Odisha
(c) Kerala
(d) Tamil Nadu

Q57. Who occupied Budaun (A.D. 1197-98) and appointed Iltutmish as its first Muslim Governor?

(a) Prithviraj Chauhan
(b) Maharana Pratap
(c) Muhammad Ghori
(d) Qutbuddin Aibak

Q58. What is another name for frozen carbon dioxide?

(a) Refrigerant
(b) Coal
(c) Dry Ice
(d) Coke

Q59. What is the official language of Bangladesh, a neighbouring country of India?

(a) Bengali
(b) Urdu
(c) Dzongkha
(d) Hindi

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Q60. Which among the following Articles of the Indian Constitution provides for the Attorney General of India?

(a) 79
(b) 76
(c) 72
(d) 81

Q61. Which of the following reforms led to the enactment of the Government of India Act of 1919?

(a) Montagu- Chelmsford reforms
(b) Antislavery reforms
(c) Morley-Minto reforms
(d) Young Bengal movement

Q62. Which is the second largest family in modern Indian languages?

(a) Sino - Tibetan (Kirata)
(b) Indo - European (Aryan)
(c) Austric (Nishada)
(d) Dravidian (Dravida)

Q63. Lacchu Maharaj was a noted Indian classical dancer and choreographer of _____.

(a) Kathak
(b) Odissi
(c) Chhau
(d) Kuchipudi

Q64. What chemical element does "H" stand for in the periodic table of science?

(a) Helium
(b) Mercury
(c) Holmium
(d) Hydrogen

Q65. 'I Too Had a Love Story' novel is written by _____.

(a) Aravind Adiga
(b) Ruskin Bond
(c) Durjoy Dutta
(d) Ravinder Singh

Q66. Select the most appropriate word for the given group of words.

Open to more than one interpretation, not having one obvious meaning

(a) Alchemy
(b) Amateur
(c) Ambiguous
(d) Altercation

Q67. Choose the word that is opposite in meaning to the given word.

Doze

(a) Cold
(b) Neglect
(c) Snooze
(d) Wake

Q68. Select the most appropriate antonym to substitute the bracketed word in the given sentence.

They are virtually unimpeachable in the (unbiased), invariably correct reading of a race.

(a) captivity
(b) stranger
(c) prejudiced

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(d) ceasing

Q69. Select the correctly spelt word.

(a) recind
(b) rescind
(c) recsind
(d) resind

Q70. Select the word from the options which is similar in meaning to the bracketed word given in the sentence below.

Well, you want an (argument),” he added, "come on then.”

(a) agreement
(b) enhancement
(c) capability
(d) explanation

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

The Federalists wished to/ make the central government/ as strong possible.

(a) as strong possible.
(b) The Federalists wished to
(c) No error
(d) make the central government

Q72. 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'.

The query isn't (whether he will admit it, but when).

(a) No substitution required
(b) whether he will be admitting it or not, but when?
(c) whether or nor he will admit it, but when?
(d) whether he will admit it or not, but when?

Q73. Choose the word that can substitute the given group of words.

A person who believes in the equality of all people

(a) Philologist
(b) Egalitarian
(c) Philodendron
(d) Philander

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

This initiative has been sharply criticised as grossly inefficient and _____

(a) Capricious
(b) Counterproductive
(c) Calumny
(d) Canonical

Q75. Select the wrongly spelt word.

(a) Unsavoury
(b) Ethical
(c) Unconventional
(d) Alturistc

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

Debased

(a) Amenable
(b) Unamenable
(c) Corrupted

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(d) Aggrandize

Q77. Select the most appropriate option to fill in the blank.

We cannot _____ a religion or a political party that ignores the rights of half the human race.

(a) disseminate
(b) desiccate
(c) condemn
(d) forgive

Q78. Select the most appropriate option to fill in the blank.

They probably subsisted on insects and other small _____ invertebrates and perhaps even on aquatic vertebrates.

(a) skittish
(b) recluse
(c) reverent
(d) terrestrial

Q79. 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.

The (roof collapsing) in a roar of rock and rubble.

(a) roof have collapsed
(b) No correction required
(c) roof was collapse
(d) roof collapsed

Q80. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.

Can you please help me to this project?

(a) this project?
(b) Can you please
(c) No error
(d) help me to

Q81. In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.

To kill two birds with one stone

(a) A work which needs tremendous efforts
(b) To achieve two things with a single effort
(c) The weak point in a person
(d) To accidentally hurt someone's feelings

Q82. Select the most appropriate option to fill in the blank.

The duke had capacity. but his life was so _____ that what influence he had upon the king was for evil.

(a) seditious
(b) scrumptious
(c) lewd
(d) ambitious

Q83. Identify the segment that contains a grammatical error. If there is no error, select No error'.

He belted two huge sixers, but / eleven to get of the last two / deliveries was a big ask

(a) eleven to get of the last two
(b) deliveries was a big ask.
(c) No error
(d) He belted two huge sixers, but

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Q84. Select the most appropriate meaning of the bracketed idiom in the given sentence.

Sure, fixing a flubbed decision isn't always (a piece of cake), but it's rarely impossible.

(a) The family bond is closer than anything else
(b) A task that can be accomplished very easily
(c) A rare event or occurrence
(d) Having no stand, shows favour at one time and unfavour at another

Q85. Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.

The dessert was many sweet for my tastes.

(a) too sweetly
(b) more sweeter
(c) too sweet
(d) No improvement

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.

Network security (1) _____ securing a network and protecting the user's information about (2) ___ is connected through that network. Over the network (3) ____ steal, the packets of data through sniffing and spoofing (4) __, man in the middle attack, war driving, etc, and misuse the data for their (5) ____.

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

(a) calls
(b) names
(c) means
(d) declares

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

(a) which
(b) who
(c) whose
(d) that

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

(a) hackers
(b) labourers
(c) engineers
(d) smugglers

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

(a) raids
(b) attacks
(c) charges
(d) guards

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

(a) benefits
(b) bares
(c) pleasure
(d) hindrances

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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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