SSC MTS 2023 Official Paper (Held On: 06 Sept, 2023 Shift 1) (Previous Year Paper)

SSC Multi-Tasking Staff (MTS) • 2023 • 90 questions • 90 minutes • Answer key

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SESSION 1

Q1. A certain sum is to be divided between A, B, and C in the ratio 2 : 5 : 7. But by mistake, it was divided in the ratio 5 : 2 : 7. Thus B loses by Rs. 150. Find the sum.

(a) Rs. 700
(b) Rs. 850
(c) Rs. 900
(d) Rs. 625

Q2. Four books and eight pens were bought for Rs. 260. If the average price of a book is Rs. 35, then the average price of a pen would be:

(a) Rs. 31
(b) Rs. 5
(c) Rs. 15
(d) Rs. 10

Q3. The fourth proportional to 1.5, 4.8 and 8 is:

(a) 25.6
(b) 26.5
(c) 22.6
(d) 24.5

Q4. X can type 8 pages in 3 minutes, Y can type 3 pages in 5 minutes. Working together, how many pages can they type in 15 minutes?

(a) 42
(b) 40
(c) 46
(d) 49

Q5. The average weight of 20 students of a class was 30.5 kg. After 6 new students joined the class, its average weight increased by 2 kg. Find the average weight of the 6 new students who joined the class (rounded off to one decimal place).

(a) 30.5 kg
(b) 32.5 kg
(c) 39.2 kg
(d) 38.5 kg

Q6. A batsman makes 96 runs in the 13^(th) innings and thus his average increases by 3. Find his average after 13 innings.

(a) 65
(b) 50
(c) 70

(d) 60

Q7. Surjeet alone can finish an assignment in 8 days and Manjeet alone can finish the same assignment in 6 days. Surjeet and Manjeet decided to do this assignment by working on alternate days, starting with Surjeet. In how many days will the assignment be finished?

(a) 7 days
(b) 8.5 days
(c) 8 days
(d) 7.5 days

Q8. Two numbers are in the ratio of 2 : 5. Their LCM is 80. Find the numbers.

(a) 18, 38
(b) 14, 36
(c) 16, 40
(d) 16, 38

Q9. Two trains of equal length are running on parallel lines in the same direction at 36 km/h and 54 km/h. The faster train passes the slower train in 48 seconds. The length of each train (in m) is:

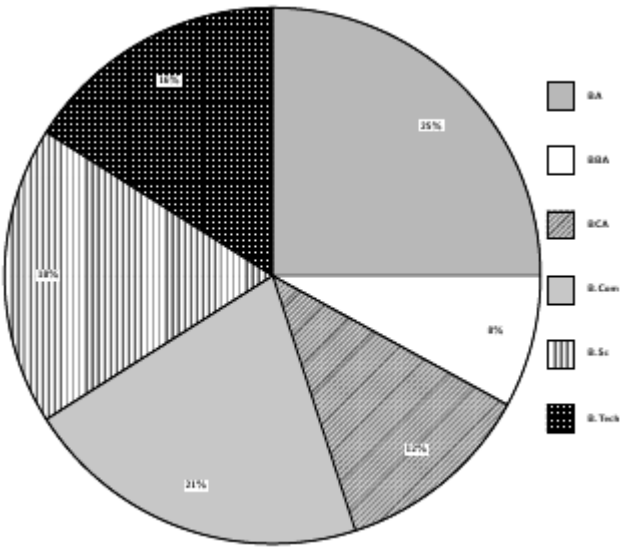
(a) 80
(b) 160
(c) 240
(d) 120

Q10. If the sides of a triangle are in the ratio 3 : 4 : 5 and its perimeter is 24 m. then find the area of the triangle.

(a) 32 m²
(b) 37 m²
(c) 16 m²
(d) 24 m²

Q11. The pie chart shows the percentage of students studying different courses in a college.

The ratio between the number of students studying in BCA and B.sc, if the total number of students is 1200, is:



(a) 14 : 27
(b) 32 : 63
(c) 7 : 9
(d) 2 : 3

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Q12. Simplify the following expression.

45 - 22 ÷ 2 + 12 + 70 ÷ 35 + 0.4 ÷ 0.8 + 1.5 ÷ 3 + 1

(a) 50
(b) 50.5
(c) 48.5
(d) 54.5

Q13. Find the simple interest (in Rs.) on Rs. 5,400 for 7 years at 4% per annum.

(a) 1,512
(b) 1,230
(c) 1,380
(d) 1,172

Q14. What is the length of the longest pole that can be placed in an indoor stadium 24 m long, 18 m wide and 16 m high?

(a) 38 m
(b) 34 m
(c) 42 m
(d) 36 m

Q15. Study the given table and answer the question that follows.

The table shows the centre and post-wise number of candidates.

Centre	Officer	Clerk	Supervisor	Field Officer
Mumbai	12000	18000	8000	200
Chennai	8000	10000	6000	100
Hyderabad	10000	12000	7000	150
Bengaluru	9000	6000	5000	80
Kolkata	14000	18000	6500	120

Which centre has the highest number of candidates?

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

Q16. A thief is spotted by a policeman from a distance of 108 m. The thief starts running and the policeman chases him. If the speed of the thief and policeman are 21 km/h and 23 km/h, respectively, then how far will the thief have to run (in m) before he is overtaken by the policeman?

(a) 2534
(b) 3121
(c) 1216
(d) 1134

Q17. What is the difference between the compound interest, interest compounded half yearly on Rs. 72,000 for 1.5 years at 10% per annum and its simple interest for 3 years at 5% per annum?

(a) Rs. 559
(b) Rs. 549
(c) Rs. 540
(d) Rs. 449

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Q18. The profit obtained by a vendor on selling goods at Rs. 3,200 is equal to 7/5^(th) of the profit obtained by selling the same goods at Rs. 3,000. What is the cost price (in Rs.) of the goods?

(a) 2,500
(b) 2,700
(c) 2,400
(d) 2,900

Q19. A spends 20% of the daily income. If the expenditure is Rs. 250, then the daily income is:

(a) Rs. 800
(b) Rs. 1,250
(c) Rs. 2,500
(d) Rs. 1,500

Q20. By selling a book at some price, Ankita gains 10%. If the book is sold at twice the price, then what will be the gain percentage for Ankita?

(a) 140%
(b) 100%
(c) 120%
(d) 125%

Q21. LCNT is related to NEPV in a certain way based on the English alphabetical order. In the same way, HBER is related to JDGT. To which of the following is OSCF related to following the same logic?

(a) PUDJ
(b) RVEH
(c) QVEI
(d) QUEH

Q22. What will come in the place of '?' in the following equation, if '+' and '-' are interchanged and '×' and '÷' are interchanged?

111 × 3 - 13 ÷ 3 + 26 = ?

(a) 50
(b) 70
(c) 40
(d) 60

Q23. What should come in place of '?' in the given series?

24 103 498 2473 12348 ?

(a) 60983
(b) 63487
(c) 62457
(d) 61723

Q24. Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13-Operations on 13 such as adding/subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(8, 720, 9)

(16, 800, 5)

(a) 7, 125, 8
(b) 13, 169, 5
(c) 14, 238, 5
(d) 18, 1260, 7

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Q25. What should come in place of ? in the given series based on the English alphabetical order?

LPA, PSY, TVW, XYU, ?

(a) CBR
(b) BBS
(c) CDS
(d) DCR

Q26. Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements:

All buildings are chalks.

No chalk is a toffee.

Conclusions:

(I) No building is a toffee.

(II) All chalks are buildings.

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

Q27. In a certain code language, 'NAME' is coded as '2473' and 'MEND' is coded as '7642'. What is the code for "D' in the given code language?

(a) 4
(b) 6
(c) 7
(d) 2

Q28. If 4 November 2021 is a Thursday, then what will be the day of the week on 13 May 2023?

(a) Monday
(b) Sunday
(c) Friday
(d) Saturday

Q29. 8 is related to 40 following a certain logic. Following the same logic, 3 is related to 15. To which of the following is 52 related to, following the same logic?

(a) 261
(b) 262
(c) 260
(d) 263

Q30. In a certain code language, ‘CHORAL' is coded as ‘OHCLAR’ and 'FOREGO' is coded as ‘ROFOGE'. What is the code for 'GALLEY' in the given code language?

(a) GYALLE
(b) ELLAGY
(c) LAGYEL
(d) YELLAG

Q31. What should come in place of ? in the given series?

64 61 55 46 34 ?

(a) 19
(b) 24
(c) 15
(d) 21

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Q32. If 'I' stands for '+', 'J' stands for '×', 'K' stands for '÷' and 'L' stands for '-', what will come in place of the question mark (?) in the following equation?

105 L (72 K 9) I 43 L (9 J 4) = ?

(a) 104
(b) 114
(c) 106
(d) 126

Q33. E, F, G, H, I and J are sitting around a circular table facing the center. J sits immediate left of I. G sits second to the right of I. E sits second to the right of G. H sits second to the left of F.

Who sits third to the right of E?

(a) F
(b) H
(c) I
(d) J

Q34. What should come in place of '?' in the given series?

77 754 ? 75224 752224 7522224 75222224

(a) 7544
(b) 7254
(c) 7425
(d) 7524

Q35. Read the given statements and conclusions carefully. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. You have to decide which conclusion/s logically follow/s from the given statements.

Statements:

All cakes are biscuits.

Some biscuits are tarts.

All tarts are puddings.

Conclusion I: Some biscuits are cakes.

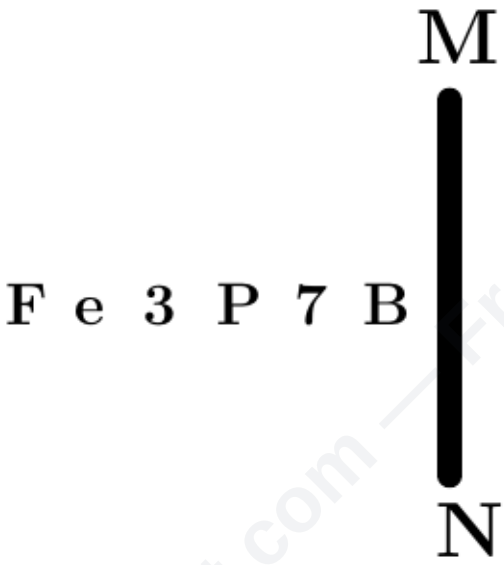
Conclusion II: Some puddings are biscuits.

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

Q36. Select the correct mirror image of the given figure when the mirror is placed at MN as shown below

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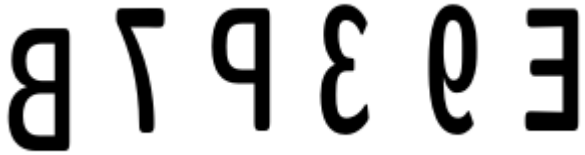
(a)



(b)



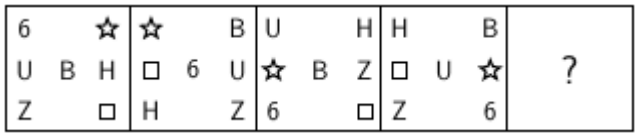
(c)



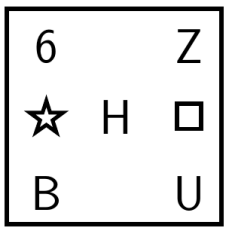
(d)



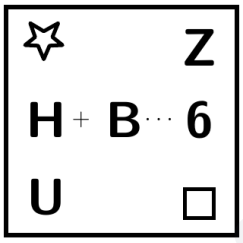
Q37. Which figure should replace the question mark (?) if the following figure series were to be continued?



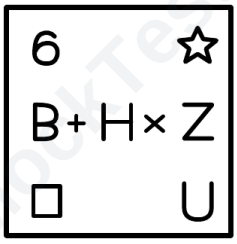
(a)



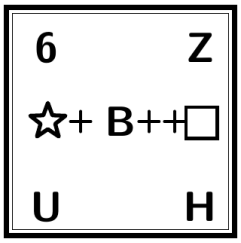
(b)



(c)



(d)



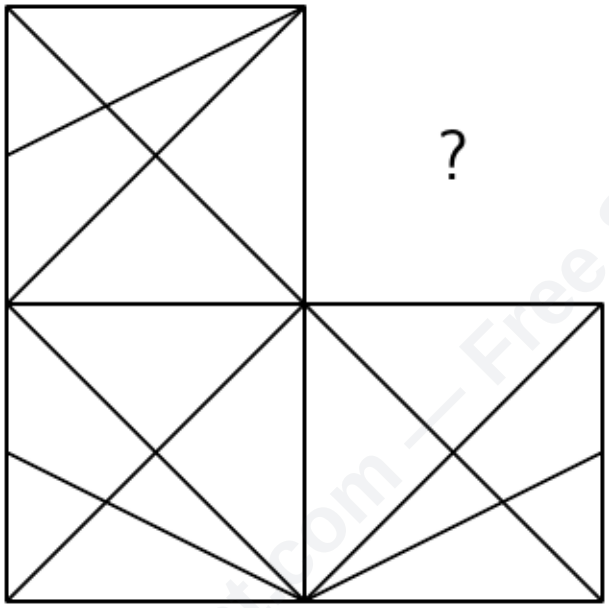
Q38. What should come in place of ? in the given series based on the English alphabetical order?

UDM, XGP, AJS, DMV, ?

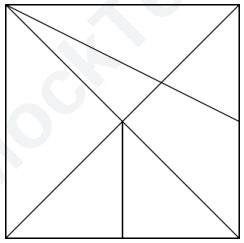
(a) GPY
(b) FPX
(c) EOX
(d) FOY

Q39. Identify the figure that completes the pattern (rotation is NOT allowed).

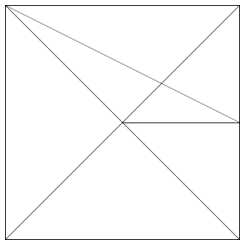
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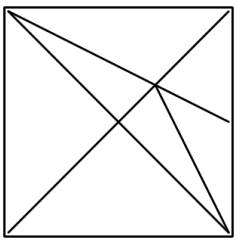
(a)



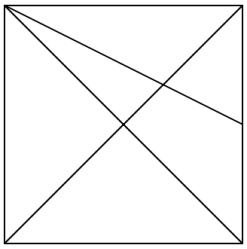
(b)



(c)



(d)



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Q40. What should come in place of ? in the given series based on the English alphabetical order?

TOY, UQB, VSE, WUH, ?

(a) YVJ
(b) ZWI
(c) YUI
(d) XWK

SESSION 2

Q41. The Guide is a 1958 novel written in English by the Indian author _____.

(a) Mulk Raj Anand
(b) Khushwant Singh
(c) RK Narayan
(d) Nirad Chaudhuri

Q42. The stretch between Mumbai to Goa of western coast of India is known as _____.

(a) Coromandel coast
(b) Konkan coast
(c) Malabar Coast
(d) Kannada Plain

Q43. Which of the following autobiographies is NOT correctly matched with the concerned cricketer?

(a) Playing it My Way – VVS Laxman
(b) The Test of My Life: From Cricket to Cancer and Back – Yuvraj Singh
(c) Straight from the Heart – Kapil Dev
(d) Cricket Delightful – Mushtaq Ali

Q44. What does El Niño refer to?

(a) Hot water current
(b) Pressure water current
(c) High air pressure
(d) Low air pressure

Q45. Where was the 13^(th) Hockey India senior women’s national hockey championship held?

(a) Andhra Pradesh
(b) New Delhi
(c) Punjab
(d) Karnataka

Q46. Which Article of the Constitution of India provides for a Council of Ministers with the Prime Minister at the head to aid and advice the President in the exercise of the President's functions?

(a) Article 77
(b) Article 74
(c) Article 71
(d) Article 72

Q47. Which of the following is a key objective of Micro Finance Institutions in India?

(a) Providing loans exclusively to women entrepreneurs
(b) Encouraging large-scale industrialisation
(c) Maximising profits for shareholders
(d) Promoting financial inclusion and poverty alleviation

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Q48. _____ is one of the most important festivals of Kamakhya temple of Guwahati. It is held every year during the monsoon (mid-June) season, when the temple is closed for three days for tantric rites.

(a) Ambubachi
(b) Bihu
(c) Baishagu
(d) Me-Dum-Me-Phi

Q49. In which city is the Kamakhya temple situated?

(a) Dehradun
(b) Bhopal
(c) Guwahati
(d) Indore

Q50. Which of the following statements best defines a Micro Finance Institution (MFI)?

(a) MFIs are investment firms that cater exclusively to high-net-worth individuals.
(b) MFIs are non-profit organisations that provide financial services to low-income individuals and small businesses.
(c) MFIs are banks that provide loans only to large corporations.
(d) MFIs are government agencies that regulate the microfinance sector.

Q51. Mumbai Indians defeated which team to win the Women's Premier League in March 2023?

(a) UP Warriors
(b) Royal Challengers
(c) Delhi Capitals
(d) Gujarat Giants

Q52. The Songi Mukhawate dance of _____ celebrates the victory of truth over falsehood. The name of the dance is derived from the two lion masks worn by two dancers who represent Narasimha, an aspect of Lord Vishnu.

(a) Madhya Pradesh
(b) Jharkhand
(c) Maharashtra
(d) Gujarat

Q53. Who among the following is best known for creating a fusion style of dance by adapting European theatrical techniques to Indian classical dance?

(a) Yamini Krishnamurthy
(b) Uday Shankar
(c) Gopi Krishna
(d) Sonal Mansingh

Q54. Where was the Hindustan Socialist Republican Association founded in 1928?

(a) Kanpur
(b) Amritsar
(c) Lucknow
(d) Delhi

Q55. Which process is sometimes called "reduction division" because it reduces the number of chromosomes to half the normal number to form sperm and eggs?

(a) Amitosis
(b) Meiosis
(c) Cytokinesis
(d) Karyokinesis

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Q56. Which chemical element with atomic number 35 has a dark reddish-brown liquid with a burning pungent odour?

(a) Tennessine
(b) Chlorine
(c) Astatine
(d) Bromine

Q57. In which year did Pakistan win the Kabaddi (Circle style) World Cup?

(a) 2016
(b) 2014
(c) 2020
(d) 2013

Q58. The North–South corridor, which is a part of the Golden Quadrilateral super highways, links which two cities of India from the following?

(a) Delhi and Chennai
(b) Leh and Chennai
(c) Jammu and Kanyakumari
(d) Srinagar and Kanyakumari

Q59. For which community was a journal Rast Goftar started for the purpose of social-religious reforms?

(a) Sikhs
(b) Muslim
(c) Parsis
(d) Hindu

Q60. 26 January was selected as the date of the inauguration of the Constitution because on the same date in 1930, the Indian National Congress had revealed _____.

(a) Quit India Movement
(b) Purna Swaraj Movement
(c) Namak Satyagraha
(d) Khilafat Movement

Q61. What is the name of the scheme launched by Uttar Pradesh government to boost milk production?

(a) Nand Baba Milk Mission
(b) Gokul Milk Mission
(c) Krishna Balram Milk Mission
(d) Gua Ras Mission

Q62. What is the source of Directive Principles of State Policy?

(a) The instrument of instructions from GOI Act 1919
(b) The instrument of instructions from GOI Act 1935
(c) The instrument of instructions from GOI Act 1909
(d) The instrument of instructions from GOI Act 1947

Q63. How many classical dance forms does the Sangeet Natak Akademi in India officially recognise, as of August 2021?

(a) 9
(b) 6
(c) 7
(d) 8

Q64. According to the Human Development Report 2021-22, what is the rank of India among 191 countries?

(a) 117
(b) 180
(c) 148
(d) 132

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Q65. Which Indian musical legend is credited with composing Talas such as Trimukhi, Panchamukhi, Saptamukhi and Navamulkhi?

(a) M Balamuralikrishna
(b) Bade Ghulam Ali Khan
(c) KJ Yesudas
(d) Pandit Jasraj

Q66. Select the most appropriate meaning of the underlined idiom.

The Indian team had its back against the wall, but managed to fight back.

(a) In extreme joy or exhilaration
(b) Stuck in a difficult circumstance with no escape
(c) Forced to indulge in propaganda
(d) Throwing the opposition off guard

Q67. The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

This is the first time / I ate such / a tasty cake.

(a) I ate such
(b) This is the first time
(c) No error
(d) a tasty cake

Q68. Select the option that can be used as a one-word substitute for the given group of words.

A lover of books

(a) Philosopher
(b) Librarian
(c) Teacher
(d) Bibliophile

Q69. Select the most appropriate option to fill in the blank.

Tom waited until _____ to start working on his term paper but managed to finish it just in time.

(a) the twelfth hour
(b) the thirteenth hour
(c) the tenth hour
(d) the eleventh hour

Q70. Select the most appropriate synonym of the given word.

Cordial

(a) Unfriendly
(b) Friendly
(c) Brave
(d) Aromatic

Q71. Select the most appropriate meaning of the given idiom.

Bigger fish to fry

(a) To barely get something done
(b) Having something more important to take care of
(c) Having work more than one's capacity
(d) To be similar to one's parents in some way

Q72. There is a spelling error in the given sentence. Select the option that contains the INCORRECTLY spelt word.

The hungery goblin scratched the grammar book with a feather.

(a) hungery
(b) scratched
(c) feather

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(d) grammar

Q73. Select the most appropriate option to fill in the blank.

The rusty door made a _____ screeching noise.

(a) low
(b) soft
(c) harsh
(d) smooth

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

The tone of his voice seemed to _____ that he knew more than he was letting on.

(a) incise
(b) intent
(c) inculcate
(d) imply

Q75. Select the most appropriate ANTONYM of the given word.

Enormous

(a) Tiny
(b) Inapposite
(c) Irrelevant
(d) Gigantic

Q76. There is a spelling error in the given sentence. Select the option that contains the INCORRECTLY spelt word.

The questionnaire appeared to be misrably designed.

(a) designed
(b) questionnaire
(c) misrably
(d) appeared

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

COVID-19 _____ structural weaknesses in health systems worldwide and negatively impacted individuals, societies, and economies.

(a) concealed
(b) laid
(c) hit
(d) revealed

Q78. Select the most appropriate option that can substitute the underlined segment in the given sentence.

She will handling the baby as tenderly as possible.

(a) wills handle
(b) shall handles
(c) will handle
(d) will handled

Q79. Parts of the following sentence have been given as options. Select the option that contains an error.

A old woman suddenly laughed, sounding just like an amused hen.

(a) like an amused hen
(b) sounding just
(c) A old woman
(d) suddenly laughed

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Q80. Select the most appropriate ANTONYM of the given word.

Annoy

(a) Gratify
(b) Vex
(c) Irritate
(d) Thrill

Q81. Four words of the following sentence have been underlined and given as options. Select the option that contains a spelling error.

All life depends on a healthy planet, but the interwoven systems of atmosphere, oceans, watercourses, land, ice cover and biosphere, which form the natural environment, are threatned by human activities.

(a) interwoven
(b) threatned
(c) biosphere
(d) watercourses

Q82. Select the most appropriate meaning of the given idiom.

A storm in a teacup

(a) Much excitement over something trivial
(b) A signal for upcoming storm
(c) Easy money
(d) Suffering in silence

Q83. Select the most appropriate option to fill in the blank.

Varun has to _____ his studies for the sake of his ill father.

(a) sacrifice
(b) imitate
(c) reverse
(d) applaud

Q84. Parts of the following sentence have been given as options. Select the option that contains an error.

Vikram is very stronger than I am.

(a) very stronger
(b) I am
(c) Vikram is
(d) than

Q85. Select the most appropriate option that can substitute the underlined segment in the given sentence.

You are always try with jump over the wall.

(a) trying in jumping
(b) try to jump
(c) trying to jump
(d) tried with jump

Directions

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in the blanks.

Kasturi went to the garden looking for her mother. Her dog Rex was waiting (1)__ her. Kasturi picked up a stick and threw it. Rex (2)__ the stick and brought it back. Kasturi ran (3)_ the house. Rex chased her. Kasturi ran through the garden and Rex (4)__ her. Mother yelled at both of them. She told them to stay (5)____ of the garden and play somewhere else. Kasturi apologised to her mother. She went for a bike ride while Rex ran next to the bike.

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

(a) with
(b) by
(c) to
(d) for

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

(a) chases
(b) throws
(c) threw
(d) chased

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

(a) in
(b) around
(c) round
(d) about

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

(a) obey
(b) listen
(c) followed
(d) came

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

(a) of
(b) in
(c) from
(d) out

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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