SSC MTS (2022) Official Paper (Held On: 02 May 2023 Shift 1) (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.

yourmocktest.com/pyq/ssc-mts/ssc-mts-2022-official-paper-held-on-02-may-2023-shift-1-previo…

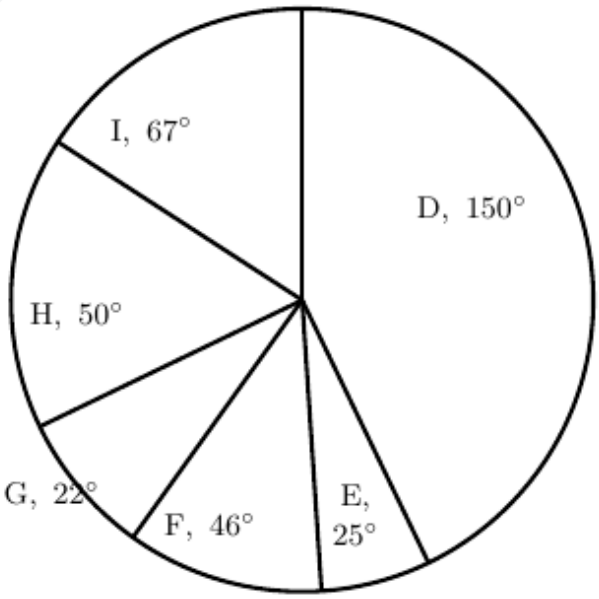
Scan the QR code or click the link to open it.

SESSION 1

Q1. What is the LCM of 15 and 25?

(a) 25
(b) 105
(c) 75
(d) 125

Q2. The pie chart given below shows the number of trucks manufactured by Six companies in a year. Total trucks manufactured by all these Six companies are 1800. Number of trucks manufactured by a particular company is shown in terms of degree with respect to the total number of trucks manufactured by all these Six companies.



Number of trucks manufactured by D and F together is what percent of the number of trucks manufactured by G and I together?

(a) 140.2 percent
(b) 220.2 percent
(c) 260.4 percent
(d) 234.3 percent

Q3. If two mixers and one T.V cost Rs. 700. While two T.V s and one mixer cost Rs. 980. The value of one T.V is:

(a) Rs. 420
(b) Rs. 400
(c) Rs. 450
(d) Rs. 480

YourMockTest.com — Free Study Material

Q4. If (7x + y) : (7x - y) = 7 : 3, then what is the value of x : y?

(a) 4 : 3
(b) 5 : 14
(c) 15 : 6
(d) 6 : 15

Q5. The ratio of the speed of Aman, Kamal and Manan is 2 : 3 : 4 respectively. What is the ratio of the time taken by Aman, Kamal and Manan respectively to cover the same distance?

(a) 4 : 3 : 2
(b) 2 : 3 : 4
(c) 6 : 4 : 3
(d) 8 : 9 : 16

Q6. If both length and breadth of a cuboid is increased by 50 percent, then by how much percent its height should be reduced so that its volume remains same?

(a) 62.34 percent
(b) 55.55 percent
(c) 37.25 percent
(d) 48.75 percent

Q7. A, B and C are Accountants. A alone can file a return in 6 hours and B alone can file the same return in 10 hours. All three together can do it in 3 hours. In what time will C alone file the same return?

(a) 15 hours
(b) 4 hours
(c) 7 hours
(d) 8 hours

Q8. The average of p, q, r and s is 30. If the average of p and q is 12. then what will be the average of r and s?

(a) 50
(b) 52
(c) 48
(d) 56

Q9. M alone can complete a work in 50 days and N alone can complete the same work in 100 days. If both of them work together, then in 25 days what percent work of the total work will be completed?

(a) 60 percent
(b) 55 percent
(c) 75 percent
(d) 80 percent

Q10. A saves 18% of his income. If his income increases by 41% and still saves the same amount, Find the percentage Increase In his expenditure.

(a) 60%
(b) 35%
(c) 50%
(d) 40%

Q11. If the surface area of two spheres is in the ratio 81 : 25, then what is the ratio of their radius.

(a) 5 : 8
(b) 7 : 9
(c) 5 : 7
(d) 9 : 5

YourMockTest.com — Free Study Material

Q12. The difference between compound interest and simple interest on a sum of Rs. 16000 for two years is Rs. 160, Find the per annum rate of interest.

(a) 12%
(b) 10%
(c) 11%
(d) 15%

Q13. What is the value of 28 × 25 ÷ 7 × 15 + 63 × 56 ÷ 72 × 5 + 24 × 7 + 8?

(a) 2101
(b) 1821
(c) 1921
(d) 1901

Q14. A bus covers a distance of 45 km in 45 minutes. If its speed is decreased by 20 km/hr, then what will be the time taken by it to cover the same distance?

(a) 62.5 minutes
(b) 67.5 minutes
(c) 78.5 minutes
(d) 72.5 minutes

Q15. A man earns a profit of 45 percent by selling a bike for a certain price. If he sells that bike at double the price, then what will be the profit percentage?

(a) 80 percent
(b) 180 percent
(c) 90 percent
(d) 190 percent

Q16. A man takes 6 hours to go to a place and come back by walking both the ways. He could have saved 2 hours by riding both the ways. The distance covered in the whole journey is 20 miles. What is the average speed for the whole journey if he goes by walking and comes back by riding?

(a) 8 miles/hr
(b) 5 miles/hr
(c) 6 miles/hr
(d) 4 miles/hr

Q17. What is the HCF of two prime numbers X and Y?

(a) 1
(b) 2
(c) Y
(d) X

Q18. Jaya invested Rs. 14800 at 8.5% per annum on simple interest. The interest earned after 6 months is:

(a) Rs. 642
(b) Rs. 598
(c) Rs. 629
(d) Rs. 580

Q19. The table given below shows the marked price and the value of discount of five different articles.

Article	Marked price	Discount
A	Rs. 350	Rs. 70
B	Rs. 650	Rs. 75
C	Rs. 450	Rs. 66
D	Rs. 750	Rs. 72

YourMockTest.com — Free Study Material

E	Rs. 850	Rs. 80

Selling price = Marked price - Discount

L1 = The value of the average discount of articles C and D.

L2 = Sum of the selling price of all articles.

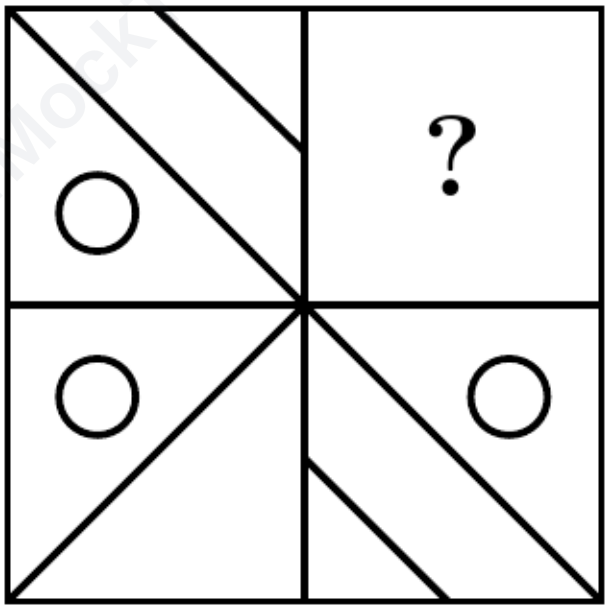
Find L2 + L1?

(a) 2756
(b) 2687
(c) 2818
(d) 2618

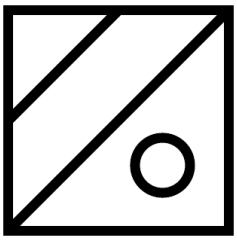
Q20. The marked price of a computer is Rs. 10000. Selling price of computer is Rs. 7650. If two successive discounts of 15 percent and x percent are given, then what is the value of x?

(a) 5 percent
(b) 15 percent
(c) 10 percent
(d) 20 percent

Q21. Which answer figure will complete the pattern in the question figure?



(a)

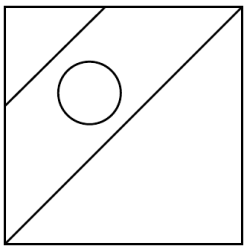


(b)

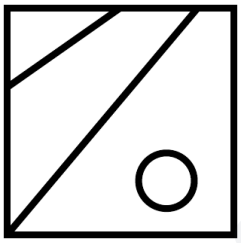


YourMockTest.com — Free Study Material

(c)



(d)



Q22. Seven boys Ram, Sumit, Sunil, Rahul, Raj, Aman and Amit are sitting around a circular table facing towards the centre (not necessarily in the same order). Raj is second to the right of Aman. Sunil is third to the left of Aman. Ram is not the immediate neighbour of Aman. Amit is second to the right of Ram. Rahul is not the immediate neighbour of Amit, Who is third to the left of Sumit?

(a) Rahul
(b) Raj
(c) Sunil
(d) Ram

Q23. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.

LAGB, NDIE, PGKH, RJMK, ?

(a) TMON
(b) TMOM
(c) TMNO
(d) TNON

Q24. In a certain code language, 'He is my nephew' is coded as 'Co Pv Zs Mn', 'That is my car' is coded as 'Zs Pt Pv Ga', 'He is your uncle' is coded as 'Co Pv Ex Yz'. What is the code for 'nephew' in this code language?

(a) Co
(b) Mn
(c) Zs
(d) Pv

Q25. In the following question below are given some statements followed by some conclusions based on those statements Taking the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusion logically follows the given statements.

Statements:

I. All Z are Y.

II. Some Y are B.

Conclusion:

I. Some B are not Z.

II. Some Y are not Z.

III. Some Z are Y.

(a) Both conclusions II and III follows
(b) Both conclusions I and III follows
(c) Only conclusion III follows

YourMockTest.com — Free Study Material

(d) All conclusion follows

Q26. Select the option that is related to the fifth term in the same way as the second term is related to the first term and fourth arm is related to third term

PRAY : UWFD :: MONK : RTSP :: FAIT : ?

(a) KEMY
(b) KFNY
(c) KENY
(d) KFMY

Q27. Speed of five cars C1, C2, C3, C4 and C5 are compared. Speed of C1 is more than only one car. Speed of C5 is more than four cars. Speed of C4 is more than C1 but less than C3 and C5. Speed of how many cars is less than the speed of C3?

(a) 0
(b) 1
(c) 3
(d) 2

Q28. In a certain code language, 'ACCENT' is coded as ‘CCATNE'. What is the code for ‘VENDOR' in that code language?

(a) VENROD
(b) NVEDOR
(c) NEVROD
(d) NEVORD

Q29. By Interchanging the given two numbers which of the following equation will be correct?

1 and 6

I. 7 - 5 + 1 × 3 ÷ 6 = 20

II. 1 × 7 + 6 - 4 ÷ 2 = 40

(a) Only I
(b) Neither I nor II
(c) Both I and II
(d) Only II

Q30. Select the option in which the numbers shares the same relationship in set as that shared by the numbers in the given set. (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)

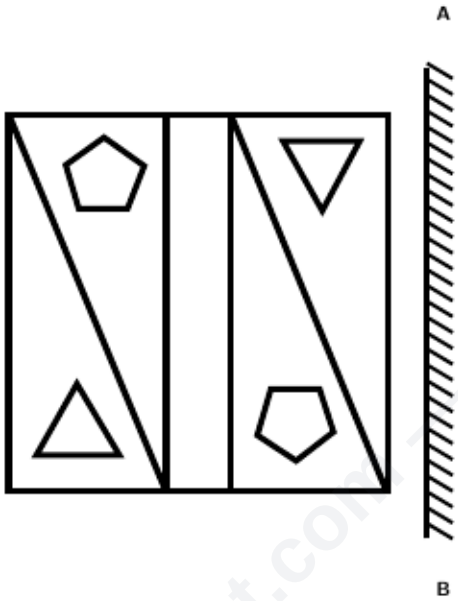
(8, 27, 125)

(64, 1331, 1728)

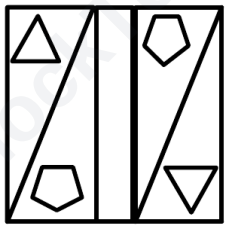
(a) (289, 212, 196)
(b) (200, 215, 256)
(c) (125, 172, 144)
(d) (216, 343, 512)

Q31. 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?

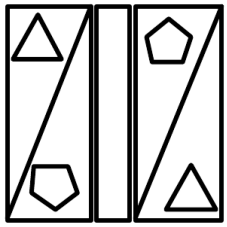
YourMockTest.com — Free Study Material



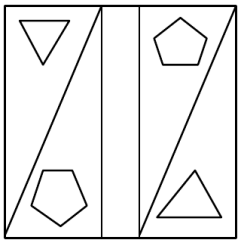
(a)



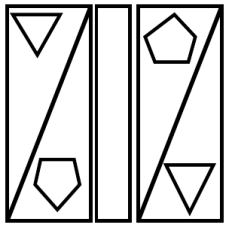
(b)



(c)



(d)



YourMockTest.com - Free Study Material

Q32. Words given on the left side of (::) ate related with each other by some Logic/Rule/Relation. Select the missing word/word pair on the right side of (::) from the given alternatives based on the same Logic/Rule/Relation.

Electric Current : Ampere :: ?

(a) Temperature : Watt
(b) Joule : Work
(c) Resistance : Seconds
(d) Force : Newton

Q33. In the following question, select the missing number of the given series.

342, 365, 388, ?, 434, 457

(a) 430
(b) 411
(c) 425
(d) 435

Q34. In a certain code language. 'APPLE' is written as '25' and 'JUNIOR' is written as '36', How will 'PACKAGE' be written in that language?

(a) 81
(b) 36
(c) 49
(d) 64

Q35. By Interchanging which two signs the equation will be correct?

15 + 5 ÷ 2 - 9 × 3 = 22

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

Q36. Select the option that is related to the fifth number in the same way as the second number is related to the first number and fourth number is related to third number.

7 : 36 :: 16 : 225 :: 21 : ?

(a) 400
(b) 385
(c) 441
(d) 395

Q37. In the following question below are given some statements followed by some conclusions based on those statements Taking the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusion logically follows the given statements.

Statements:

I. All H are G.

II. Some G are I.

Conclusion:

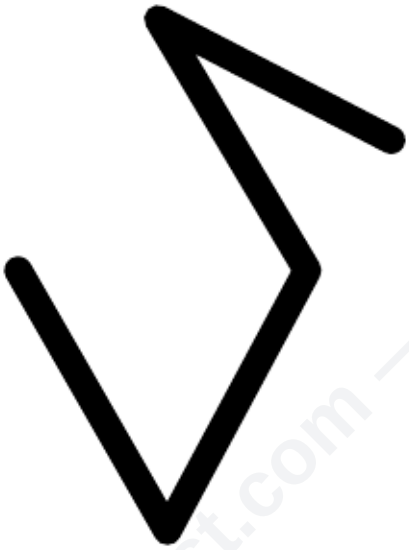
I. No I are H.

II. All I are G.

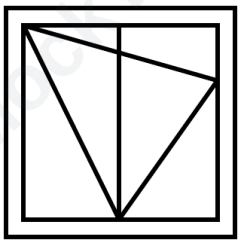
(a) Only conclusion II follows
(b) Both conclusions I and II follows
(c) Only conclusion I follows
(d) Neither conclusion follows

YourMockTest.com — Free Study Material

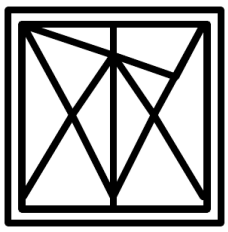
Q38. Select the option figure in which the given figure is embedded. (rotation is NOT allowed)



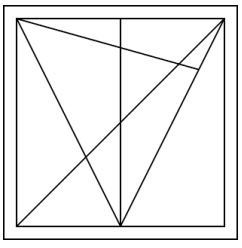
(a)



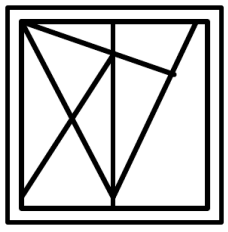
(b)



(c)



(d)



YourMockTest.com — Free Study Material

Q39. Seven boys J, K, L, M, N, P and Q are sitting around a circular table facing towards the centre (not necessarily in the same order). P is second to the right of Q. M is the immediate neighbour of both J and Q. L is not the immediate neighbour of Q. N is second to the right of P. Who is to the immediate left of L?

(a) M
(b) P
(c) J
(d) N

Q40. In the following question, select the missing number of the given series.

108, 129, 104, ?, 100, 137, 96

(a) 138
(b) 135
(c) 133
(d) 140

SESSION 2

Q41. Twenty five percent of the land revenue collected by Marathas in the Deccan was called _____

(a) Bhoga
(b) Sardeshmukhi
(c) Chauth
(d) Bhaga

Q42. 'The Race of My Life' is an autobiography of famous Indian athlete _____.

(a) Milkha Singh
(b) Yuvraj Singh
(c) Sania Mirza
(d) Kapil Dev

Q43. Fungi can grow on which of the following items?

I. Bread
II. Pickles
III. Leather
IV. Clothes

Select the correct option.

(a) I and III
(b) I and II
(c) I, II, III and IV
(d) I, II and III

Q44. In August 2022, Prime Minister of India inaugurated Homi Bhabha Cancer Hospital in _____.

(a) Mohali
(b) Chennai
(c) Pune
(d) New Delhi

Q45. Which among the following is an agricultural festival of Arunachal Pradesh and celebrated by the Galo tribe?

(a) Losar
(b) Ugadi
(c) Karma
(d) Mopin

YourMockTest.com — Free Study Material

Q46. The Xinjiang region, which was seen in the news due to the collapse of a gold mine, is located in which country?

(a) South Korea
(b) North Korea
(c) Japan
(d) China

Q47. Gair dance is performed by the _____ community of Rajasthan.

(a) Bhil
(b) Gond
(c) Jat
(d) Gujjar

Q48. For which offense can the police arrest any person without a court order?

(a) Cognizable offences
(b) Detention offences
(c) Non Cognizable offences
(d) Cross offences

Q49. "Eskimos" are associated with which geographical region?

(a) Arid Region
(b) Polar Region
(c) Savanna Grassland
(d) Tropical Rainforest Region

Q50. According to the Ashokan Inscription which of the following was NOT a provincial centre in Magadha Empire?

(a) Tosali
(b) Ujjayini
(c) Taxila
(d) Indraprastha

Q51. Ilyas Khan was born in Lucknow to a family of musicians. He was famous for playing _____.

(a) Tabla
(b) Sitar
(c) Veena
(d) Mridangam

Q52. “Magnus Carlsen” is associated with which of the following games?

(a) Boxing
(b) Golf
(c) Chess
(d) Table Tennis

Q53. According to the World Bank classification 2020-2021, India belongs to the category of _____.

(a) upper-middle income country
(b) Low-income country
(c) lower-middle income country
(d) high-income country

Q54. Which country hosted the 1982 edition of the Asian Games?

(a) India
(b) China
(c) Qatar
(d) Pakistan

YourMockTest.com — Free Study Material

Q55. In the 18^(th) century, the development of cotton industries in Britain resulted in _____.

(a) Increase in demand of Indian textile in Britain
(b) Decline of textiles production in India
(c) Increase in demand of Indian textile in India
(d) Decline of British textiles industries in India

Q56. The normal temperature of the human body is _____.

(a) 31°C
(b) 34°C
(c) 32°C
(d) 37°C

Q57. How many biosphere reserves are there in India?

(a) Sixteen
(b) Eighteen
(c) Nineteen
(d) Seventeen

Q58. The Temple at Khajuraho were built during which dynasty?

(a) Maurya dynasty
(b) Chandella dynasty
(c) Nanda dynasty
(d) Vijayanagara dynasty

Q59. As per Budget 2023-24, how much comes from corporation tax for every 1 Rupee receipt of the government?

(a) 4 paisa
(b) 15 paisa
(c) 17 paisa
(d) 7 paisa

Q60. In which type of farming, the land is used for growing food and fodder crops and rearing livestock?

(a) Dairy farming
(b) Plantation farming
(c) Mixed farming
(d) Commercial farming

Q61. Which of the following is 'NOT' one of the three major types of rocks?

(a) Magnetic Rocks
(b) Metamorphic Rocks
(c) Sedimentary Rocks
(d) Igneous Rocks

Q62. Karagam Folk Dance is associated with which state?

(a) Tamil Nadu
(b) Rajasthan
(c) Assam
(d) Haryana

Q63. The cells having well - organized nucleus with a nuclear membrane are designated as _____.

(a) Cheek cells
(b) autokaryotic cells
(c) eukaryotic cells
(d) prokaryotic cells

YourMockTest.com — Free Study Material

Q64. In the Preamble of the Indian Constitution, _____ assures the dignity of the individual.

(a) liberty
(b) fraternity
(c) equality
(d) justice

Q65. The first session of the Indian National Congress was held in _____.

(a) Calcutta
(b) Bombay
(c) Surat
(d) Lahore

Q66. 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 unit twitched like a bird (preening it's plumage and becomes motionless).

(a) preening its plumage and became motionless
(b) No substitution required
(c) preening it's plumage while becoming motionless
(d) to preen it's plumage and becomes motionless

Q67. Choose the sentence with no spelling error.

(a) Protest is also a saffety valve.
(b) Protest is also a safety valvve.
(c) Protast is also a safety valve.
(d) Protest is also a safety valve.

Q68. Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.

That movie is so sad; the ending always makes me bawling.

(a) makes me bawled
(b) No improvement
(c) makes me bawl
(d) made me bawl

Q69. Select the most appropriate synonym to substitute the bracketed word in the given sentence.

In the twentieth century, many (radical) intellectuals embraced the mass media.

(a) sabbatical
(b) egotistical
(c) sceptical
(d) fanatical

Q70. Select the most appropriate option fo fill in the blank.

Police used _____ evidence to convict a victim who was innocent.

(a) stunted
(b) fabricated
(c) hateful
(d) authentic

Q71. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.

Restoring soil health would help at mitigate the effects of climate change.

(a) help at mitigate the
(b) effects of climate change.
(c) Restoring soil health would
(d) No error

YourMockTest.com — Free Study Material

Q72. Select the most appropriate option to fill in the blank.

Wheat is widely _____ but the output is not large.

(a) gross
(b) grilled
(c) grown
(d) groan

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

The young of a frog

(a) Kitten
(b) Pup
(c) Tadpole
(d) Antelope

Q74. Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.

It is the most effective means of mass communication.

(a) a most effecting
(b) a most effectives
(c) the most effectively
(d) No improvement

Q75. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.

Adding aloe vera gel will prevent the hand sanitizer of drying out your skin.

(a) No error
(b) drying out your skin.
(c) will prevent the hand sanitizer of
(d) Adding aloe vera gel

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

Viscous

(a) Grim
(b) Brutal
(c) Watery
(d) Thick

Q77. Select the appropriate synonym for the underlined word.

Make sure that you always challenge yourself.

(a) Carry
(b) Approve
(c) Question
(d) Place

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

Tending to associate with others of one's kind

(a) Pedantic
(b) Pungent
(c) Gregarious
(d) Venial

Q79. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.

In my opinion, you should went for higher studies in London.

(a) No error
(b) In my opinion,

YourMockTest.com — Free Study Material

(c) you should went for
(d) higher studies in London.

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

The person driving the car _____ control over the wheels and knocked her down.

(a) lose
(b) lost
(c) losing
(d) loose

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

A blind spot

(a) A person who is blind
(b) A person with no emotional feelings
(c) A situation where no progress is made
(d) An area in your range of vision that you cannot see properly

Q82. Fill in the blank with the most appropriate choice.

His intent was to become sole lord and to _____ his tiny principality.

(a) subsidize
(b) aggrandize
(c) jeopardize
(d) methodize

Q83. Select the appropriate antonym for the underlined word.

The arms and legs lay in a careless way.

(a) Vigilant
(b) Unsafe
(c) Forgetful
(d) Neglectful

Q84. Choose the incorrectly spelt word.

(a) Tihgt
(b) Locker
(c) Rift
(d) Stock

Q85. Select the most appropriate meaning of the given idiom.

Get down to brass tacks

(a) To become serious about something
(b) Get fired from the job
(c) Compromise, cooperation between people
(d) To be ready

Directions

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each number.

Salvador Dali (1) _____ a prominent Spanish surrealist painter (2) ____ in Figueres, Catalonia, on 11 May 1904. Dali's father was strict in the education of his children unlike (3) ____ mother. Dali had a brother named Salvador (4) ___ was born nine months before him and died of gastroenteritis. When he was five. Dali was taken to his brother's grave and was told that he was his brother's (5) _____.

YourMockTest.com — Free Study Material

Q86. Select the most appropriate option to fill in the blank No. 1.

(a) was
(b) were
(c) has
(d) is

Q87. Select the most appropriate option to fill in the blank No. 2.

(a) rooted
(b) bought
(c) brought
(d) born

Q88. Select the most appropriate option to fill in the blank No. 3.

(a) their
(b) him
(c) her
(d) his

Q89. Select the most appropriate option to fill in the blank No. 4.

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

Q90. Select the most appropriate option to fill in the blank No. 5.

(a) ordination
(b) detonation
(c) reincarnation
(d) stagnation

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

More previous year papers and mock tests: **www.yourmocktest.com/pyq**

YourMockTest.com — Free Study Material