SSC MTS (2022) Official Paper (Held On: 10 May, 2023 Shift 3) (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-10-may-2023-shift-3-previo…

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

SESSION 1

Q1. A.B and C are assigned to complete a work. If the ratio of time taken by A, B and C is 4 : 3 : 6. Find the ratio of their efficiency.

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

Q2. If 20 percent of (x + y) = 30 percent of (x - y), then X is what percentage of y?

(a) 0.5 percent
(b) 5 percent
(c) 500 percent
(d) 50 percent

Q3. The average of 5 numbers is 48. The average of the two numbers is 40 while the average of the other two is 58, Find the value of the remaining number.

(a) 44
(b) 34
(c) 40
(d) 30

Q4. Find the area of the triangle whose height is 56 cm and the corresponding base is 1/4th of the height.

(a) 544 cm^2
(b) 440 cm^2
(c) 392 cm^2
(d) 480 cm^2

Q5. The ratio of sand to stone in a mixture is 5 : 8 while that between stone and cement is 32 : 35, What is the ratio of sand to cement in the mixture?

(a) 4 : 3
(b) 1 : 7
(c) 2 : 3
(d) 4 : 7

Q6. Find the third proportion to 14 and 56.

(a) 220
(b) 218
(c) 212
(d) 224

Q7. The table given below shows the number of male and female in different states.

States	Male	Female
A	50	100
B	200	150
C	300	25
D	25	50
E	125	75
F	150	250

J1 = The value of average number of males in A and B.

J2 = The value of average number of females in E and F.

What is the value of (J2 - J1)?

(a) 56.5
(b) 25.5
(c) 42.5
(d) 37.5

Q8. A vendor bought 12 oranges for Rs. 50 and sold them at 12 for Rs. 30. Find the loss percentage.

(a) 30%
(b) 25%
(c) 40%
(d) 45%

Q9. What is the value of ((28/9× 42/35)÷(3/25× 5/7÷ 1/21))/((14/15÷2/75 of 7/5)× 1/75÷4/3)

(a) 222/27
(b) 212/27
(c) 244/27
(d) 224/27

Q10. A shopkeeper allows a discount of 20% on the marked price and still gains 12% on the whole. Find at what percent above the cost price did he mark his goods?

(a) 30%
(b) 10%
(c) 40%
(d) 20%

Q11. A car covers the first 140 km of a journey in 10 hours and the next 260 km in 15 hours. What is the average speed of the Car for the whole journey?

(a) 16 km/hr
(b) 14 km/hr
(c) 10 km/hr
(d) 15 km/hr

Q12. What is the value of 15 ÷ 5 of 3 - 3 × 4 + 13 ?

(a) 3
(b) 2
(c) 10
(d) 0

YourMockTest.com – Free Study Material

Q13. A shopkeeper sold a book at a marked price of Rs. 1400 at a discount of 28%. Find the selling price of the book.

(a) Rs. 2000
(b) Rs. 1008
(c) Rs. 2500
(d) Rs. 1500

Q14. In how many least number of complete years will a sum of money become more than four times of itself at the rate of 14 percent per annum on simple interest?

(a) 20 years
(b) 25 years
(c) 29 years
(d) 22 years

Q15. The following bar graph shows the umber of employees in company A and company B in 5 years.
Find the total number of employees in company A and company B in 2018 and 2019.



(a) 2860
(b) 2740
(c) 2820
(d) 3210

Q16. Ramesh is 60 percent less efficient than Rahul. If Rahul can make a computer in 12 days, then Ramesh can make the same computer in how many days?

(a) 30 days
(b) 40 days
(c) 50 days
(d) 60 days

Q17. Find the value of $5(12 + 20 \div 10 \times 3 - 5)$.

(a) 50
(b) 35
(c) 65
(d) 40

Q18. Two stations A and B are 230 km apart on a straight line. One train starts from A at 4 a.m. and travels towards B at 40 km/hr. Another train starts from B at 5 a.m. and travels towards A at a speed of 55 km/hr. At what time will they meet?

(a) 10 a.m.
(b) 7 a.m.
(c) 6 a.m.
(d) 8 a.m.

YourMockTest.com — Free Study Material

Q19. A sum of Rs. 500 becomes Rs. 580 at simple interest in 2 years. In how many years will the sum of Rs. 650 amounts to Rs. 858 at the same rate of simple interest?

(a) 4 years
(b) 8 years
(c) 5 years
(d) 6 years

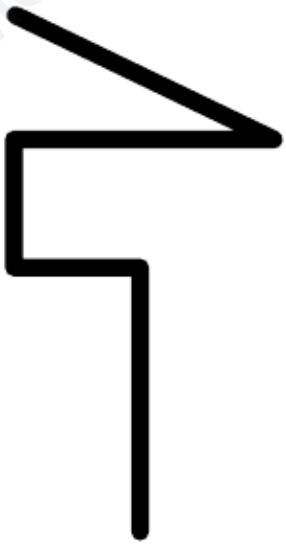
Q20. There is a rectangular garden of 150 metres × 25 metres, A path of width 10 metres is built around the garden. What is the area of the path?

(a) 3700 metre^2
(b) 3550 metre^2
(c) 3900 metre^2
(d) 3220 metre^2

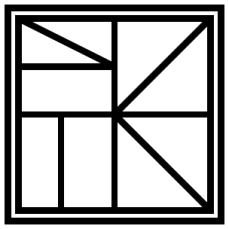
Q21. In a certain code language, ‘She is my niece’ is coded as 'Co Pv Zs Mn', 'That is my bike' is coded as 'Zs Pt Pv Ga’. ‘She is your daughter’ is coded as 'Co Pv Ex Yz'. What is the code for ‘niece’ in this code language?

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

Q22. select the option figure in which the given figure is embedded. (rotation is NOT allowed)

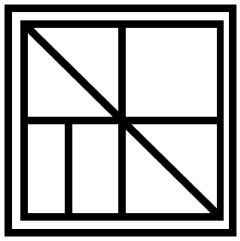


(a)

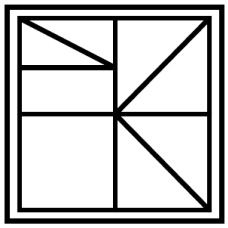


YourMockTest.com — Free Study Material

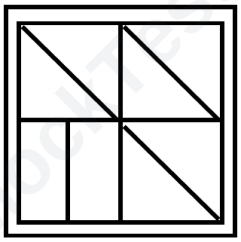
(b)



(c)



(d)



Q23. In a certain code language, ‘EXPORT’ is coded as 'ORTEXP'. What is the code for ‘GENTLE’ in that code language?

(a) TLENEG
(b) TELNEG
(c) TLEGEN
(d) TLENGE

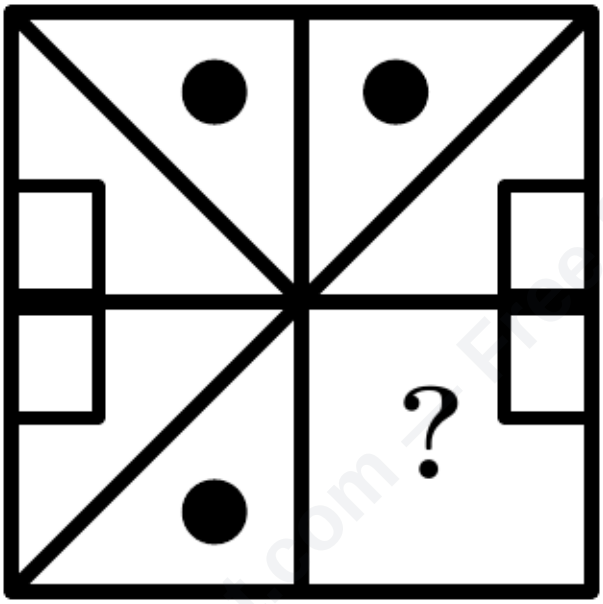
Q24. Seven boys Laxman, Mohan, Bit, Sohil. Rahul, Ram and Ramesh are sitting around a circular table facing towards the centre (not necessarily in the same order). Sohil is third to the left of Bittu. Mohan is second to the right of Bittu. Ram is third to the right of Ramesh. Ramesh is not the immediate neighbour of Mohan. Laxman is third to the left of Rahul.

Who is to the immediate left of Ram?

(a) Bittu
(b) Ramesh
(c) Mohan
(d) Laxman

Q25. Which answer figure will complete the pattern in the question figure?

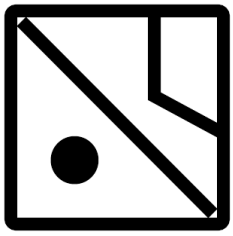
YourMockTest.com — Free Study Material



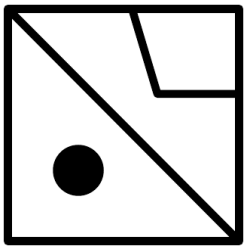
(a)



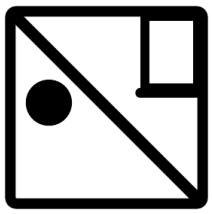
(b)



(c)



(d)



YourMockTest.com - Free Study Material

Q26. In the following question, select the missing number of the given series.

111, 128, 145, 162, 179, ?

(a) 194
(b) 195
(c) 196
(d) 190

Q27. By Interchanging which two signs the equation will be correct?

6 - 10 × 8 ÷ 5 + 7 = 15

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

Q28. In the following question below are given some statements followed by some conclusions based an 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 K are M.

II. Some K are Z.

Conclusion:

I. All M are Z

II. All M are K

III. Some M are K

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

Q29. 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.

9 : 730 :: 10 : 1001 :: 8 : ?

(a) 517
(b) 513
(c) 514
(d) 516

Q30. Average of five batsmen Rohit, Rahul, Virat, Surya and Hardik is compared. Average of Surya is more than only one batsman. Average of Virat is more than Rohit and average of Rohit is more than Hardik. If Average of Rohit = 120, then what can be the average of Surya?

(a) 130
(b) 125
(c) 118
(d) 128

Q31. 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. Some V are P.

II. Some F are V.

Conclusion:

I. Some F are P.

YourMockTest.com — Free Study Material

II. Some V are F.

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

Q32. Seven girls Mansi, Shweta, Monika, Payal, Aarti, Kajal and Laxmi are sitting around a circular table facing opposite to the centre (not necessarily in the same order). Aarti is second to the left of Kajal. Monika is third to the right of Kajal. Mansi is not the immediate neighbour of Kajal. Laxmi is second to the left of Mansi. Payal is not the immediate neighbour of Laxmi

Who is second to the left of Laxmi?

(a) Mansi
(b) Kajal
(c) Payal
(d) Aarti

Q33. Words given on the left side of (::) are 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.

Time : Seconds :: ?

(a) Pressure : Litre
(b) Newton : Force
(c) Joule : Work
(d) Power : Watt

Q34. In the following question, select the missing number of the given series.

2, 5, 14, 41, 122, ?

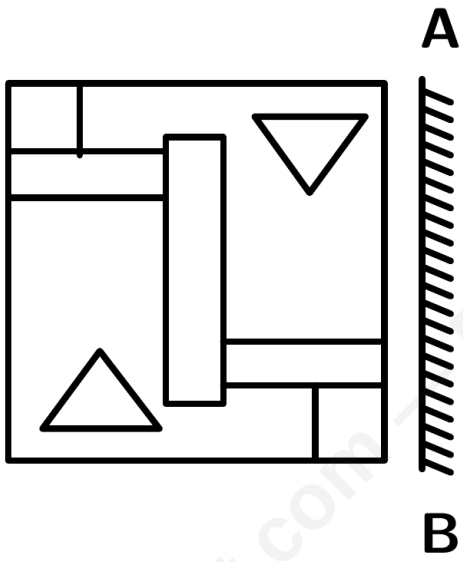
(a) 370
(b) 365
(c) 380
(d) 368

Q35. In a certain code language, 'JPMNO" is coded as ‘73562', ‘AMNBD' is coded as '28954', 'JNACQ' is coded as '12430'. What is the code for 'B' in that code language?

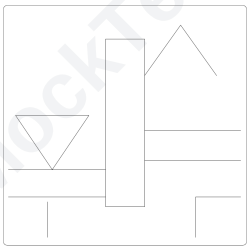
(a) 5
(b) 8
(c) 2
(d) 4

Q36. 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?

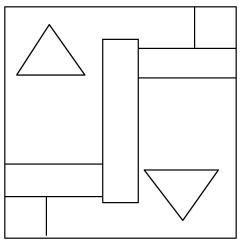
YourMockTest.com — Free Study Material



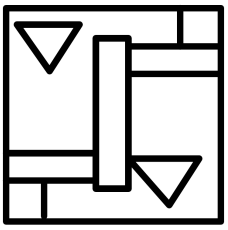
(a)



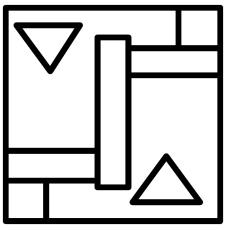
(b)



(c)



(d)



YourMockTest.com – Free Study Material

Q37. Words given on the left side of (::) are 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.

Tadpole : Frog :: Kitten : ?

(a) Deer
(b) Insect
(c) Cat
(d) Dog

Q38. 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)

(10, 20, 100)

(50, 5, 125)

(a) (20, 5, 60)
(b) (40, 4, 150)
(c) (14, 10, 35)
(d) (12, 10, 60)

Q39. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.

ASBQ, XOYM, UKVI, RGSE, ?

(a) OCPA
(b) NCPA
(c) OCPB
(d) OBQA

Q40. After interchanging the given two numbers what will be the values of equation (I) and (II) respectively?

8 and 2

I. $3 + 6 - 8 \times 4 \div 2$

II. $4 \div 6 \times 9 + 2 - 8$

(a) 12 and 8
(b) 9 and 15
(c) 9 and 81
(d) 8 and 12

SESSION 2

Q41. Saroja Vaidyanathan received Kalidas Samman for classical dance in _____

(a) 2009-10
(b) 2020-21
(c) 2001-02
(d) 2002-03

Q42. Where is the headquarters of the Spices Board of India located?

(a) Bengaluru (Karnataka)
(b) Kochi (Kerala)
(c) Pune (Maharashtra)
(d) Guntur (Andhra Pradesh)

Q43. Which among the following alloys is a combination of gold and silver?

(a) Bronze
(b) Constantan
(c) Solder

(d) Electrum

Q44. Who among the following Mughal emperors assumed the title Alamgir, World Conqueror?

(a) Akbar
(b) Aurangzeb
(c) Babur
(d) Shah Jahan

Q45. Which among the following National Parks is not located in Maharashtra?

(a) Gugamal National Park
(b) Tadoba National Park
(c) Navegaon National Park
(d) Bandhavgarh National Park

Q46. Who has written 'The History of British India' in 1817?

(a) James Mill
(b) Romesh Chander Dutt
(c) Dadabhai Naoroji
(d) William Bentick

Q47. Identify the famous Indian music personality.

In 2011, the Guinness Book of World Records officially acknowledged her as the most recorded artist in music history.

(a) Asha Bhosle
(b) Shreya Ghoshal
(c) Usha Uthup
(d) Alka Yagnik

Q48. The Northernmost range of Himalayas is known as _____.

(a) The Inner Himalayas
(b) Aravalli Range
(c) Purvanchal
(d) Shiwalik Range

Q49. What is the fiscal year period in India?

(a) 1st April of a year to 31st March of the next upcoming year
(b) 1st April to 31st December of the same year
(c) 1st January to 31st December of the same year
(d) 1st January of a year to 31st December of the next upcoming year

Q50. who founded the Ramakrishna Mission in 1897?

(a) Ramakrishna Paramahansa
(b) Swami Vivekanand
(c) Keshav Chandra Sen
(d) Debendranath Tagore

Q51. Article 25 to 28 of the Indian constitution provide for _____.

(a) Culture and Educational Rights
(b) Right to Equality
(c) Right against Exploitation
(d) Right to Freedom of Religion

YourMockTest.com — Free Study Material

Q52. Jagoi and cholom are the two main divisions in _____ dance.

(a) Kathakali
(b) Manipuri
(c) Bharatanatyam
(d) Kathak

Q53. Beriberi is caused by deficiency of which of the following?

(a) Vitamin D
(b) Vitamin C
(c) Vitamin B1
(d) Iodine

Q54. Pradhan Mantri Awas Yojana- Urban was launched by which Union Ministry?

(a) Ministry of Finance
(b) Ministry of Housing and Urban Affairs
(c) Ministry of Human Resource Development
(d) Ministry of Rural Development

Q55. Who among the following is the author of the book "An Autobiography: Toward Freedom"?

(a) Lala Lajpat Rai
(b) Jawaharlal Nehru
(c) Indira Gandhi
(d) Mahatma Gandhi

Q56. Which of the following unemployment is the result of depression in an economy?

(a) Cyclical unemployment
(b) Frictional unemployment
(c) Seasonal unemployment
(d) Structural unemployment

Q57. Which among the following planets is also known as "morning star"?

(a) Jupiter
(b) Neptune
(c) Venus
(d) Earth

Q58. Sreejesh P.R who was awarded “Major Dyan Chand Khel Ratna Award 2021” is associated with which sports?

(a) Football
(b) Boxing
(c) Wrestling
(d) Hockey

Q59. As per the standard census definition. main worker is a person who works for at least _____ in a year.

(a) 190 days
(b) 150 days
(c) 223 days
(d) 183 days

Q60. Who among the following won Formula 1 United States Grand Prix 2022?

(a) Charles Leclerc
(b) Lando Norris
(c) Carlos Sainz Jr.
(d) Max Verstappen

YourMockTest.com — Free Study Material

Q61. Dussehra festival is also known as _____.

(a) Sankranti
(b) Vaikunthashtami
(c) Vijayadashami
(d) Janmasthami

Q62. In September 2022, who has been appointed as the new Attorney General of India?

(a) R. Venkataramani
(b) Ram Jethmalani
(c) Kailash Vasdev
(d) Jagdeep Dhankhar

Q63. The Head of an Indian state is _____.

(a) Chief Justice of High Court
(b) Governor
(c) State Election Commissioner
(d) Chief minister

Q64. The Parliament of India is also known as _____

(a) Lok Sabha
(b) Sansad
(c) Vidhan Sabha
(d) Senate

Q65. The ancient city of Dholavira, is located in which state?

(a) Madhya Pradesh
(b) Rajasthan
(c) Karnataka
(d) Gujarat

Q66. The statement below has been given with bracketed text. Select the option with correct Idiom for the bracketed text.

Susie (has such strong resemblance to) Kate Winslet that sometimes people would ask her for her autograph

(a) dead ringer
(b) gone bananas
(c) jack of all trades
(d) pound the pavement

Q67. Select the most appropriate synonym to substitute the bracketed word in the given sentence.

No need to read (voluminous) campaign literature, or pore through printed recommendations.

(a) Commodious
(b) Micro
(c) Sparkling
(d) Reverberate

Q68. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.

I hope that we will arrive at the ideal trade-off soon.

(a) the ideal trade-off soon.
(b) we will arrive at
(c) No error
(d) I hope that

Q69. Select the word from the options which is exactly opposite in meaning to the bracketed would given in the sentence below.

The company has responded (sluggishly) to these changes in technology.

(a) Lethargically

YourMockTest.com — Free Study Material

(b) Similarly
(c) Apathetically
(d) Promptly

Q70. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.

He had to rebel against his father to became a musician.

(a) against his father to
(b) became a musician.
(c) He had to rebel
(d) No error

Q71. Fill in the blank with the most appropriate option.

Societies need to develop highly _____ behavioural rules for survival.

(a) readjusted
(b) adopted
(c) adaptive
(d) matched

Q72. Identify the segment that contains a grammatical error, If there is no error, select 'No error'.

Before Jerry could stop him, Daniel / bounding off the bed, seized Jerry's / desk lamp, and started beating himself.

(a) desk lamp, and started beating himself.
(b) No error
(c) Before Jerry could stop him, Daniel
(d) bounding off the bed, seized Jerry's

Q73. In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom Phrase.

In the long run

(a) Lack of energy
(b) Long walk
(c) In tough times
(d) In the end

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

He held the railing as he walked downed the stairs

(a) No improvement
(b) walk down
(c) walked downs
(d) walked down

Q75. Four words are given, out of which three words are spelt correctly. Choose the incorrectly spelt word.

(a) LICENSE
(b) NECCESARY
(c) INDISPENSABLE
(d) OCCASION

Q76. Select the most appropriate option to fill in the blank

The man who is supposed to be protecting them is somehow their fiercest and most _____ enemy.

(a) implacable
(b) pedestrian
(c) ostentatious
(d) quotidian

YourMockTest.com — Free Study Material

Q77. Select the wrongly spelt word.

(a) Sully
(b) Depravity
(c) Morelity
(d) Arsenal

Q78. Choose the word that can substitute the given group of words.

A portable case for holding papers, drawing etc.

(a) Archives
(b) Creche
(c) Portfolio
(d) Cache

Q79. Select the most appropriate word for the given group of words.

A person who is both open and shy

(a) Extrovert
(b) Ambivert
(c) Introvert
(d) Controvert

Q80. Select the most appropriate option to fill in the blank.

Before about 1830, _____ sermons, tracts and addresses routinely broached female intemperance.

(a) confluence
(b) temperance
(c) congruence
(d) affluence

Q81. Select the most appropriate synonym of the given word.

Fetish

(a) Awkward
(b) Requirement
(c) Desire
(d) Learning

Q82. Select the most appropriate antonym of the given word.

Rigid

(a) Superior
(b) Distaste
(c) Satiation
(d) Flexible

Q83. Fill in the blank with the most appropriate option.

At first, it looked as _____ Uncle Vernon would manage to gloss the whole thing over.

(a) thought
(b) throughout
(c) though
(d) through

Q84. Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.

He enlisting in the army and went to war when he was only eighteen.

(a) enlist in army
(b) enlisted in the army
(c) No improvement

YourMockTest.com — Free Study Material

(d) enlisted at the army

Q85. 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.

One of the main climbing routes, approaches the summit from the southeast (In the Nepal).

(a) at the Nepal
(b) in Nepal
(c) No correction required
(d) from the Nepal

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.

If you enjoy (1) ____ crime shows on TV, you know that fingerprints play a large role in (2) __ people, But, you might be (3) __ to find out that using fingerprints for identification is not a new science. In fact, it is very old (4) ___ back at least as far as 1885-1913 B.C.E. In Babylon. when people agreed to a business contract, they pressed their fingerprints into the clay in which the contract was written. (5) ____ have also been found on clay seals from ancient China.

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

(a) marking
(b) watching
(c) calling out
(d) writing

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

(a) identifying
(b) pertaining
(c) chortling
(d) masking

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

(a) certain
(b) calculable
(c) blocked
(d) surprised

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

(a) portraying
(b) dating
(c) stating
(d) going

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

(a) Thumbprints
(b) Sculptures
(c) Footprints
(d) Paintings

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