SSC MTS (2022) Official Paper (Held On: 11 May, 2023 Shift 2) (Previous Year Paper)

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

Take this paper as a timed mock test

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

yourmocktest.com/pyq/ssc-mts/ssc-mts-2022-official-paper-held-on-11-may-2023-shift-2-previo…

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

SESSION 1

Q1. A car travels from A to B at 44 km/hr and returns from B to A at 66 km/hr. Find its average speed during the whole journey.

(a) 63.3 km/hr
(b) 52.8 km/hr
(c) 68.2 km/hr
(d) 55.4 km/hr

Q2. The value of 0.005 × [(0.08 ÷ 0.002) - (0.012 ÷ 0.04)] ÷ 0.01 is:

(a) 0.985
(b) 0.01985
(c) 0.1985
(d) 19.85

Q3. A man alone can do a piece of work in 16 days, but with the help of his friend, he can do it in 8 days. In what time can his friend do it alone?

(a) 12 days
(b) 14 days
(c) 16 days
(d) 10 days

Q4. In a rectangle, diagonal is 4 times of its breadth. The ratio of length to breadth is:

(a) √15:1
(b) 1 : √5
(c) 1 : 5
(d) √5 : 1

Q5. The following table shows the present share of 5 partners of a company. If the company has issued its 100000 shares between its five partners and Raju sell 15200 of his shares to Ramesh, then how many shares will Ramesh have?

Partners	Present Share (in %)
Bala	5
Shankar	15
Raju	45
Ramesh	25
Pradeep	10

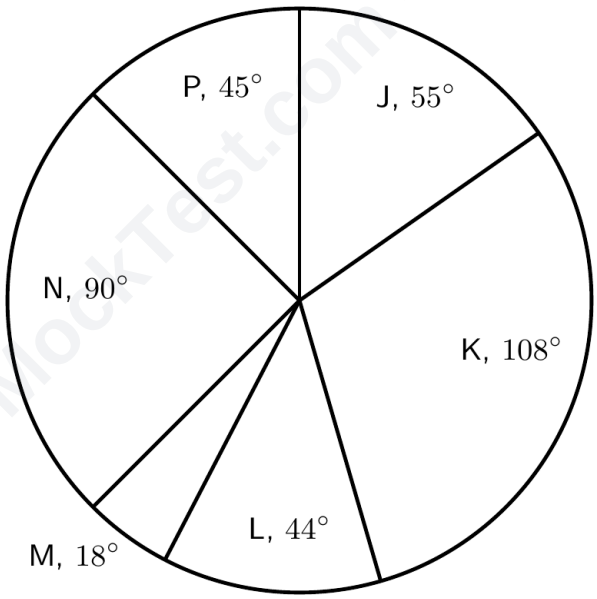
(a) 29800
(b) 45000

(c) 25000
(d) 40200

Q6. The marked price of a chair is 10 percent more than its cost price. If the chair is sold for Rs. 300 after a discount of Rs. 140, then what will be the loss percentage?

(a) 20 percent
(b) 12.5 percent
(c) 25 percent
(d) 17 percent

Q7. 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 1440. 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.



What is difference between the average number of trucks manufactured by K and P and the average number of trucks manufactured by J and M?

(a) 160
(b) 176
(c) 190
(d) 162

Q8. What will be the volume of sphere with radius 65 cm? (approximately)

(a) 4.5 × 10^6 cm³
(b) 6 × 106 cm3
(c) 1.15 × 106 cm3
(d) 2 × 106 cm3

Q9. Rimmy and Simmi can together finish a work in 40 days. They worked together for 30 days and then Simmi left. After another 30 days, Rimmy finished the remaining work alone. In how many days Rimmy alone can finish the work?

(a) 120 days
(b) 30 days
(c) 80 days
(d) 40 days

Q10. If A is 6 times more than B, then B is what percentage less than A?

(a) 33.33 percent
(b) 28.56 percent
(c) 14.28 percent
(d) 85.71 percent

YourMockTest.com – Free Study Material

Q11. If (3x + y) : (3x - y) = 4 : 3, then what is the value of x : y?

(a) 5 : 3
(b) 7 : 3
(c) 5 : 2
(d) 7 : 4

Q12. What is the volume of a cone whose base diameter is 12 cm and the height is 21.7 cm?

(a) 626.3 cm^3
(b) 548.6 cm3
(c) 818.4 cm3
(d) 334.5 cm3

Q13. There is a circular path around a sports field. Rahul takes 15 minutes to drive one round of the field, while Anil takes 18 minutes for the same. Suppose they both start from the same point and at the same time, and go in the same direction. After how many minutes will they meet again at the starting point?

(a) 120
(b) 100
(c) 80
(d) 90

Q14. A and B started a business with Rs. 15000 and Rs. 30000 respectively. If A and B share profit in the ratio of 1 : 5 respectively, then what is the ratio of the time period of investment for A and B respectively?

(a) 1 : 2
(b) 2 : 5
(c) 2 : 3
(d) 2 : 7

Q15. A person lent certain sum of money at the rate of 6 percent per annum on simple interest and the interest received in 13 years is Rs. 220 less than the sum lent. What is the sum lent?

(a) Rs. 1000
(b) Rs. 600
(c) Rs. 800
(d) Rs. 1200

Q16. A mixture contains milk and water in a ratio of 9 : 5. When 6 litres of water is added to this mixture, the ratio of milk and water becomes 9 : 7, Find the quantity of milk in the mixture

(a) 30 litres
(b) 18 litres
(c) 27 litres
(d) 15 litres

Q17. What is the value of 196/7 ÷ 35/12 of 132/55 × 45/20 ?

(a) 45
(b) 36
(c) 4
(d) 9

Q18. On a sum, simple interest at the annual rate of 12 percent for 6 years is Rs. 28800. What will be the compound interest on the same sum at the annual rate of 20 percent (compounding annually) for 2 years?

(a) Rs. 17600
(b) Rs. 19200
(c) Rs. 12000
(d) Rs. 14400

YourMockTest.com — Free Study Material

Q19. Cost price of a cooler is Rs. 4800. If the profit percentage is 26 percent, then what is the selling price of the cooler?

(a) Rs. 6248
(b) Rs. 6048
(c) Rs. 6640
(d) Rs. 5628

Q20. A man covers half part of a certain distance at 60 km/hr. He covers 40 percent of remaining distance at the speed of 12 km/hr and covers rest of the distance at the speed of 18 km/hr. What is his average speed for the entire journey?

(a) 24 km/hr
(b) 58/3 km/hr
(c) 36 km/hr
(d) 40 km/hr

Q21. Study the given pattern carefully and select the number that can replace the question mark (?) in it.

First row - 80, 40, 20
Second row - 112, 56, 28
Third row - 244, 122, ?

(a) 61
(b) 51
(c) 78
(d) 64

Q22. Seven people A, B, C, D, E, F and G have different heights. A is taller than four other people. E is shorter than only one person. The height of how many people is between the height of A and E?

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

Q23. Which of the following letters will replace the question mark (?) in the given series?

H, J, L, N, P, R, T, ?

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

Q24. In a certain code language, ‘HANDLE' is coded as 'FLENBH'. What is the code for ‘LOVELY' in that code language?

(a) ZLFVLP
(b) XLFVPL
(c) ZLVFPL
(d) ZLFVPL

Q25. A, B, C, D and E are standing in a row facing north. A is standing at one of the corners. B and C are standing adjacent to each other. D is standing second from the left corner. E stands third to the left of C. Who stands adjacent to A?

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

Q26. Which of the following numbers will replace the question mark (?) in the given series?

15, 23, 19, 20, 23, 17, 27, 14, 31, 11, ?

(a) 35
(b) 15
(c) 19

YourMockTest.com — Free Study Material

(d) 32

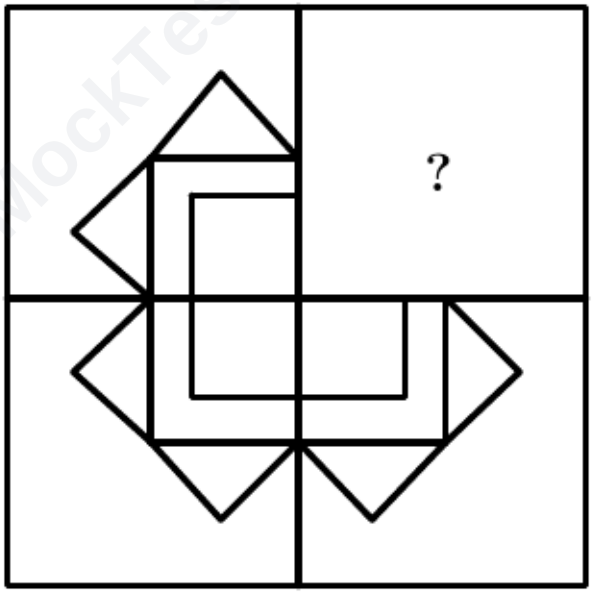
Q27. Five friends M, N, O, P and Q sit around a circular table facing away from the centre. O is sitting to the immediate left of P who sits third to the right of Q. M does not sit adjacent to P. Who sits to the immediate right of P?

(a) N
(b) Q
(c) O
(d) M

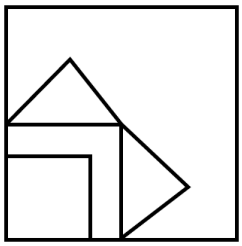
Q28. In a certain code language, 'BEAR' is written as '2519' and 'TURN' is written as '2395'. How will 'SING' be written in that language?

(a) 1498
(b) 1579
(c) 1957
(d) 1597

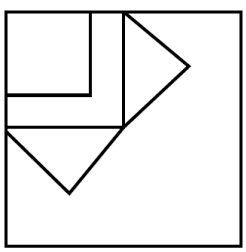
Q29. Select the option figure that will replace the question mark (?) in the figure given below to complete the pattern. (Rotation is not allowed)



(a)

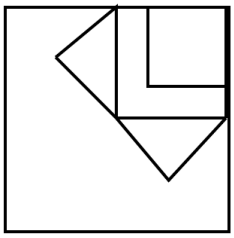


(b)

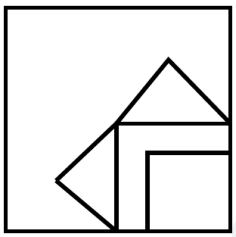


YourMockTest.com — Free Study Material

(c)



(d)



Q30. Which two numbers should be interchanged to make the given equation correct?

8 × 4 - 3 + 57 ÷ 9 = 42

(a) 8 and 4
(b) 3 and 9
(c) 57 and 9
(d) 42 and 57

Q31. Select the option that is related to the sixth number in the same way as the first number is related to the second number and third number is related to fourth number.

12 : 132 :: 8 : 56 :: ? : 20

(a) 5
(b) 6
(c) 7
(d) 4

Q32. Two statements are given followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

All rats are roads.

All roads are bags.

Conclusions:

I. All bags are rats.

II. Some bags are rats.

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

Q33. select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



(a)



(b)



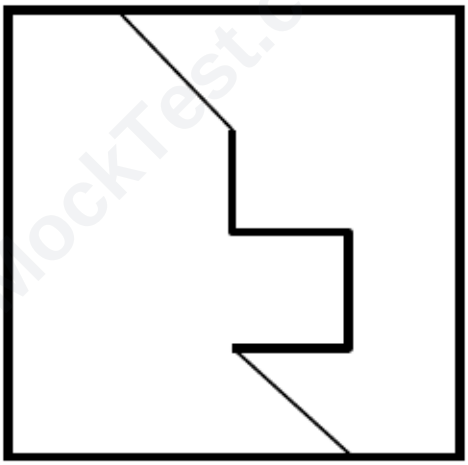
(c)



(d)

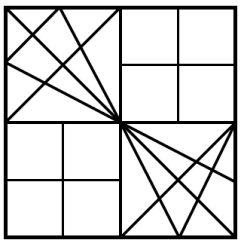


Q34. Select the option figure in which the given figure (X) is embedded as its part (rotation is NOT allowed).

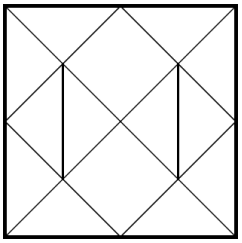


(X)

(a)

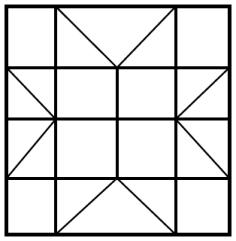


(b)

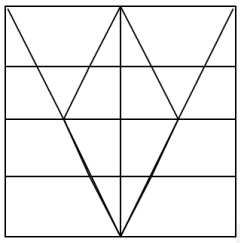


YourMockTest.com – Free Study Material

(c)



(d)



Q35. 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 term is related to third term.

RK46 : TJ51 :: PJ129 : RI134 :: SR53 : ?

(a) VS58
(b) VR58
(c) VQ58
(d) UQ58

Q36. Three statements are given followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

Some fruits are rabbits.

No rabbit is fox.

All foxes are cows.

Conclusions:

I. Some cows are fruits.

II. Some fruits are foxes.

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

Q37. 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.

DG : KN :: JM : ?

(a) RM
(b) QT
(c) ST
(d) QS

Q38. In the following question, select the missing number of the given series.

208, 104, 52, 26, ?, 6.5

(a) 20
(b) 13
(c) 18

YourMockTest.com — Free Study Material

(d) 24

Q39. In a certain code language, 'SHORT' is written as '1' and 'THEME' is written as '2'. How will 'TRAIN' be written in that language?

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

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

7 and 8

I. 5 × 7 + 6 ÷ 2 - 8

II. 8 + 3 × 7 - 5 ÷ 1

(a) 36 and 26
(b) 20 and 18
(c) 36 and 16
(d) 20 and 19

SESSION 2

Q41. Tusu is a harvest festival celebrated in Jharkhand during the winter in the last day of _____ month.

(a) Phalguna
(b) Chaitra
(c) Magha
(d) Poush

Q42. What is the meaning of reverse repo rate?

(a) Rate at which RBI borrows money from foreign banks
(b) Rate at which RBI borrows money from commercial banks
(c) Rate at which commercial banks borrows money from RBI
(d) Rate at which commercial banks borrows money from foreign banks

Q43. Jyotiba Phule founded the Satyashodhak Samaj (Truth Seekers' Society) in _____.

(a) 1852
(b) 1873
(c) 1898
(d) 1865

Q44. The General Insurance (Amendment) Act, 2021 removes the provision which required the Central Government to have atleast _____ ownership in four subsidiaries of General Insurance Company, namely, National Insurance, New India Assurance, Oriental Insurance, United India Insurance.

(a) 75%
(b) 49%
(c) 51%
(d) 80%

Q45. Which device is used for measuring temperature?

(a) Manometer
(b) Ammeter
(c) Thermometer
(d) Barometer

YourMockTest.com — Free Study Material

Q46. Who among the following Gupta kings founded the Nalanda University?

(a) Chandragupta II
(b) Chandragupta I
(c) Kumaragupta I
(d) Skandagupta

Q47. Which is the first garden - tomb in the Indian subcontinent?

(a) Taj Mahal
(b) Qutb Shahi Tombs
(c) Humayun’s Tomb
(d) Aurangzeb’s Tomb

Q48. Most of the Himalayan rivers are of which type?

(a) Exotic
(b) Perennial
(c) Seasonal
(d) Episodic

Q49. The Charter Act of 1813 extended the East India Company's rule in India to another _____ years.

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

Q50. The third battle of Panipat fought in _____.

(a) 1556
(b) 1651
(c) 1526
(d) 1761

Q51. Who is hailed in India as the Mozart of the Madras?

(a) Udit Narayan
(b) S. P. Balasubrahmanyam
(c) Arijit Singh
(d) A. R. Rahman

Q52. Baji Rao I or Baji Rao Ballal was the son of _____.

(a) Peshwa Balaji Vishwanath
(b) Raghunath Rao
(c) Shivaji
(d) Madhav Rao

Q53. Bagh Caves, which has 9 Buddhist caves, was developed around the 6th Century AD situated on the Bagh river in _____.

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

Q54. Rajagriha was the first capital of which Mahajanapada?

(a) Kuru
(b) Magadha
(c) Kosala
(d) Avanti

YourMockTest.com — Free Study Material

Q55. If we sum the gross value added of all the firms of the economy in a year, we get a measure of the value of aggregate amount of goods and services produced by the economy in a year. Such an estimate is called _____.

(a) Net national product
(b) National income at factor price
(c) Net value added
(d) Gross domestic product

Q56. The oceanic crust mainly consists of _____ and _____.

(a) silica, alumina
(b) silica, magnesium
(c) magnesium, alumina
(d) iron, alumina

Q57. As per census 2011, which among the following Union Territories of India has least population density per square kilometre?

(a) Jammu and Kashmir
(b) Andaman and Nicobar Islands
(c) Chandigarh
(d) Delhi

Q58. Which of the following programme was launched in 1999?

(a) Rural Employment Generation Programme
(b) Mahatma Gandhi National Rural Employment Guarantee scheme
(c) Swarnajayanti Gram Swarozgar Yojana
(d) Pradhan Mantri Gramodaya Yojana

Q59. Pandit Birju Maharaj was honoured with Padma Vibhushan award for which form of classical dance?

(a) Manipuri
(b) Kathak
(c) Jhumar
(d) Mohiniattam

Q60. Which of the following book is the autobiography of Milkha Singh?

(a) Touch Play
(b) Two Lives
(c) Romancing My Life
(d) The Race of My Life

Q61. Kathakali took shape in Southern India in the seventeenth century under the patronage of the _____.

(a) Prince of Tamil Nadu
(b) Prince of Bengal
(c) Prince of Karnataka
(d) Prince of Punjab

Q62. Under which type of unemployment a person contributes less than their capability?

(a) Frictional unemployment
(b) Disguised unemployment
(c) Compulsory unemployment
(d) Cyclical unemployment

Q63. The First Field Handball World Championships were played in Germany in _____.

(a) 1958
(b) 1928
(c) 1938
(d) 1948

YourMockTest.com — Free Study Material

Q64. The cells having nuclear material without nuclear membrane are termed as _____.

(a) Cheek cells
(b) Prokaryotic cells
(c) Eukaryotic cells
(d) Onion cells

Q65. Which country is the biggest producer of rice?

(a) Russia
(b) China
(c) Brazil
(d) Bangladesh

Q66. Identify the segment that contains a grammatical error. If there is no error, select 'No error'

She's considered one/of a best young/directors in Hollywood.

(a) of a best young
(b) No error
(c) She's considered one
(d) directors in Hollywood.

Q67. Select the appropriate synonym for the underlined word.

Paul Bunyan is considered a legend.

(a) spinster
(b) stoic
(c) volunteer
(d) tradition

Q68. Select the most appropriate option to fill in the blank.

I am going to take you for a _____ up there.

(a) rite
(b) write
(c) ride
(d) right

Q69. Choose the word that can substitute the given group of words.

A residence for monks or priests

(a) Nursery
(b) Convent
(c) Monastery
(d) Tomb

Q70. Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.

The accountant of the sugar mill have been deprived of his briefcase.

(a) was being deprived
(b) has been deprived
(c) No improvement
(d) is deprive

Q71. Choose the word that is opposite in meaning to the given word.

Awful

(a) Pitiful
(b) Dreadful
(c) Grim
(d) Wonderful

YourMockTest.com — Free Study Material

Q72. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.

Many female mammals, including rabbits and cats, ovulate only when they mate.

(a) No error
(b) Many female mammals,
(c) only when they mate.
(d) including rabbits and cats, ovulate

Q73. Choose the sentence with no spelling error.

(a) Your emergency contacts couldn't be reached.
(b) Your emergency contatcs couldn't be reached.
(c) Your emergancy contacts couldn't be reached.
(d) Your emergency contacts coldn't be reaced.

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

My history assignment is due on Wednesday.

(a) are due at
(b) No improvement
(c) were due on
(d) is dues in

Q75. In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom Phrase.

To see the light

(a) To gain conscious
(b) To misunderstand the situation
(c) To be optimistic
(d) Suddenly realize or understand something

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

The sedative effect of the drugs impairs people’s ability to pay attention and _____.

(a) concentrate
(b) segregate
(c) reverberate
(d) dilate

Q77. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.

One-to-one interaction with parents is know to be important.

(a) with parents is know
(b) to be important,
(c) No error
(d) One-to-one interaction

Q78. 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'.

(Hardly did the ink dried on my weekly column, when) one of my readers called me.

(a) Hardly had the ink dry on last week's column, when
(b) No substitution required
(c) Hardly did the ink dried on last week's column, when
(d) Hardly had the ink dried on last week's column, when

YourMockTest.com — Free Study Material

Q79. Choose the word that means the same as the given word.

Inquisitive

(a) Agile
(b) Aloof
(c) Callous
(d) Curious

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

_____ months later, Steve returned to New York to look for a job.

(a) Few
(b) A few
(c) The few
(d) A little

Q81. A sentence has been given with a blank to be filled with an appropriate option. Choose the correct alternative.

She kept pictures of her parents all _____ the house.

(a) about
(b) over
(c) through
(d) out

Q82. Choose the word that can substitute the given group of words.

One hard to please (very selective in his habits)

(a) Dexterous
(b) Incorrigible
(c) Sadist
(d) Fastidious

Q83. Choose the incorrectly spelt word.

(a) Plus
(b) Dearest
(c) Worry
(d) Moking

Q84. Select the appropriate antonym for the underlined word.

The tension is going to be crucial in determining the fate of your company.

(a) surgical
(b) decisive
(c) trivial
(d) pivotal

Q85. In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom Phrase.

From rags to riches

(a) From everywhere
(b) Reasonable pricing
(c) To toil very hard to gain something
(d) From extreme poverty to wealth

Directions

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.

Red kites were considered vermin across Britain and Ireland (1) ..... the 16th century and their numbers were rigorously (2) ..... While public perceptions have changed, gamekeepers and farmers still (3) ..... shoot, poison and trap red kites for the (4)

YourMockTest.com — Free Study Material

..... harm they cause to livestock and game. In 2020 alone, 20 red kites were confirmed to have been (5) ..... this way in the UK.

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

(a) during
(b) along
(c) while
(d) across

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

(a) changed
(b) choked
(c) controlled
(d) loosened

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

(a) illegally
(b) randomly
(c) fairly
(d) unknowingly

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

(a) Kicked
(b) dirty
(c) perceived
(d) shipped

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

(a) awakened
(b) killed
(c) subjected
(d) rooted

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