SSC MTS (2022) Official Paper (Held On: 02 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-02-may-2023-shift-2-previo…

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

SESSION 1

Q1. When a wire is bent in the form of a square, then the area enclosed by it is 5929 cm². If wire is bent into the form of a circle, then what will be the area enclosed by the wire?

(a) 7546 cm²
(b) 8542 cm²
(c) 7632 cm²
(d) 6954 cm²

Q2. The average of 10 numbers is 42. If each number is increased by 5, then what will be the new average?

(a) 42
(b) 47
(c) 92
(d) 57

Q3. It takes 6 hours to clean a garden. In 2 hours 30 minutes, how much part of the garden can clean?

(a) 5/2
(b) 5/12
(c) 5/8
(d) 5/6

Q4. A thief is noticed by a policeman from a distance of 150 m. The thief starts running and the policeman chases him. The thief and the policeman run at the rate of 8 kmph and 10 kmph respectively. At what distance will the policeman catches the thief?

(a) 1000 meter
(b) 850 meter
(c) 500 meter
(d) 750 meter

Q5. The below table shows the number of the music systems that were sold by two companies in the years 2014 to 2017. What is the difference between the average sale of company A and company B?

Year	Company A	Company B
2014	5640	6980
2015	8412	10512
2016	7148	8620
2017	8424	10020

(a) 7406
(b) 1627
(c) 2016

(d) 9033

Q6. Rs. 7205 are invested in a scheme of compound interest (compounding annually). If the rate of interest is 20% per annum, then what is the interest earned (in Rs) in 1 year?

(a) Rs. 1422
(b) Rs. 1540
(c) Rs. 1441
(d) Rs. 1544

Q7. A man sold 150 chairs and had a gain equal to selling price of 25 chairs. Find his profit percentage.

(a) 18%
(b) 15%
(c) 20%
(d) 13%

Q8. What will be the area of the semi - circle of perimeter 3.6 meters?

(a) 1.54 m^2
(b) 1.76 m^2
(c) 1.10 m^2
(d) 0.77 m^2

Q9. A sum fetched a simple interest of Rs. 3360 at a rate of 6% per year in 7 years. Find the sum.

(a) Rs. 8000
(b) Rs. 9500
(c) Rs. 7500
(d) Rs. 6000

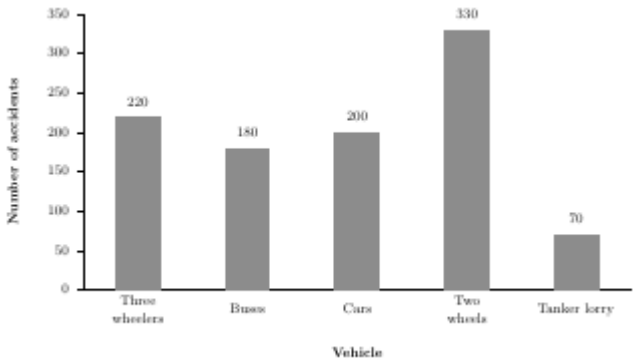
Q10. The profit percent earned by selling a centre table for Rs.13440 is equal to the loss percent made by selling the same centre table for Rs.10560. At what price should the article be sold to make 20% profit?

(a) Rs.12000
(b) Rs.24000
(c) Rs.14400
(d) Rs.18000

Q11. Eleven friends spent Rs. 18 each on a tour and the twelfth friend spent Rs. 11 less than the average expenditure of all twelve of them. What is the total money spent by twelve friends?

(a) Rs.204
(b) Rs.215
(c) Rs.212
(d) Rs.208

Q12. The following bar graph shows the number of accident happened in a city during the year 2021.



B = difference in accidents of two wheelers and buses. B is what percent of total number of accidents?

(a) 33%
(b) 15%

(c) 18%
(d) 10%

Q13. The ratio of two numbers is 5 : 9. If 6 is added to the greater number and 6 is subtracted from smaller number, then greater number becomes 6 times the smaller number. What are the numbers?
(a) 15 and 27
(b) 10 and 18
(c) 25 and 45
(d) 20 and 36

Q14. If $A + \{5 \times 8 \div 2^2\} \times 11 = 134$, then what is the value of A?
(a) 24
(b) 4
(c) 14
(d) 34

Q15. Divide Rs.14136 among A, B and C such that 2 times A's share, 3 times B's share and 5 times C's share are all equal. What is the share of C?
(a) Rs.3680
(b) Rs.456
(c) Rs.2736
(d) Rs.1413

Q16. If 33.33% of a number is added to 16, then the result is the number itself. Find the number.
(a) 30
(b) 33
(c) 36
(d) 24

Q17. The marked price is 10% higher than cost price. A discount of 10% given on marked price. What is the gain or loss percent?
(a) 5% gain
(b) 5% loss
(c) 1% loss
(d) 1% gain

Q18. The value of $(0.18 \div 0.9 + 0.8) \times 0.001$ is:
(a) 0.1
(b) 1.001
(c) 0.01
(d) 0.001

Q19. Two numbers are in the ratio 11 : 6. If their HCF is 4, find the smallest number.
(a) 30
(b) 18
(c) 24
(d) 12

Q20. The average age of 6 members of a family is 20 years. If the age of the servant is included, then the average age increase by 20 percent. What is the age of the servant?
(a) 52 years
(b) 56 years
(c) 50 years
(d) 48 years

YourMockTest.com — Free Study Material

Q21. Seven students of a coaching centre, Param, Qazi, Ravi, Suresh, Tanvir, Uday and Varsha, have obtained different percentages. Param scored the second - highest percentage in the centre. The percentage scored by Varsha was more than only one person. Suresh's percentage was more than Tanvir's but less than Param's. Three people got more percentage than Tanvir and three got lesser than Tanvir. Neither Ravi nor Qazi received the lowest percentage. Whose percentage was the lowest?

(a) Tanvir
(b) Param
(c) Uday
(d) Qazi

Q22. 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 pens are cars.

Some cars are bulbs.

Conclusions:

I. Some cars are not bulbs.

II. Some pens being bulbs is a possibility.

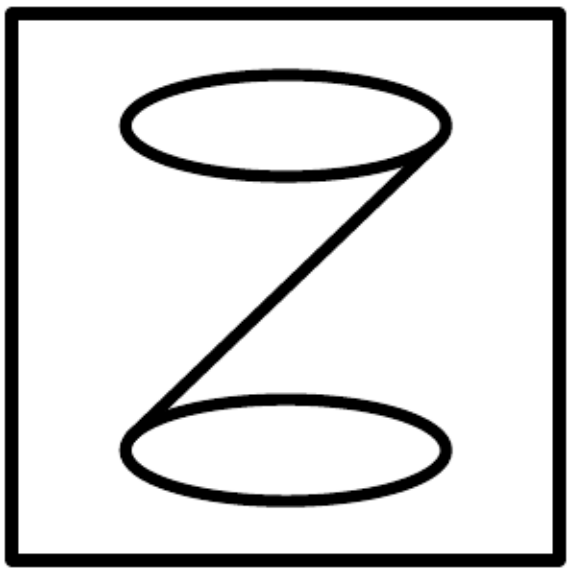
(a) Both conclusions I and II follow
(b) Neither conclusion I nor II follows
(c) Only conclusion I follows
(d) Only conclusion II follows

Q23. Select the option that is related to the third word in the same way as the second word is related to the first word.

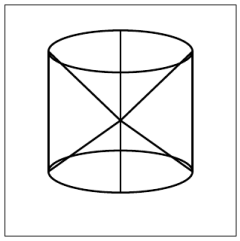
Abandon : Leave :: Pensive : ?

(a) Dancing
(b) Thoughtful
(c) Depressed
(d) Happy

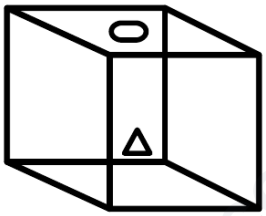
Q24. Select the option figure in which the given figure is embedded as its part (rotation is NOT allowed).



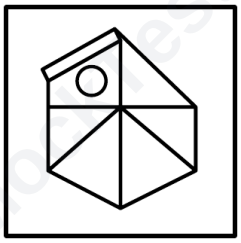
(a)



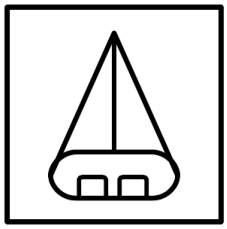
(b)



(c)



(d)



Q25. In a certain code language, 'ACTOR' is written as '52' and 'PACK' is written as '27'. How will 'SEVEN' be written in that language?

(a) 59
(b) 65
(c) 60
(d) 72

Q26. Five friends X, Y, Z, A, and B are sitting in a circle facing the centre. X is to the immediate left of Y and to the immediate right of Z. B is to the immediate right of A. Who is to the immediate left of A?

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

Q27. Which two numbers should be interchanged to make the given equation correct?

13 + 4 ÷ 16 × 5 - 22 = 11

(a) 13 and 22
(b) 16 and 22
(c) 13 and 16
(d) 4 and 16

YourMockTest.com — Free Study Material

Q28. 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 girls are smart.

All smart are intelligent.

Conclusions:

I. All girls are intelligent.

II. Some girls are not intelligent.

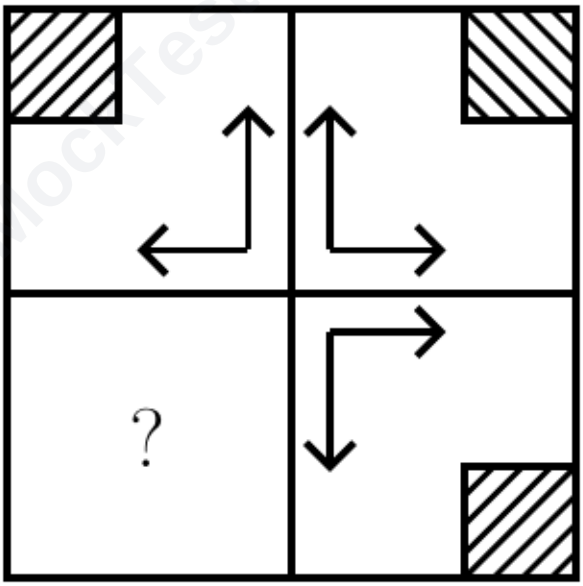
(a) Only conclusion II follows

(b) Neither conclusion I nor II follows

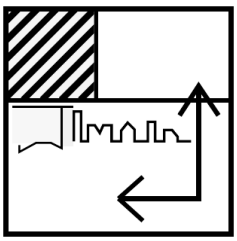
(c) Both conclusions I and II follow

(d) Only conclusion I follows

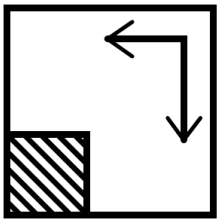
Q29. Select the option figure that will replace the question mark (?) in the figure given below to complete the pattern. (rotation is not allowed)



(a)

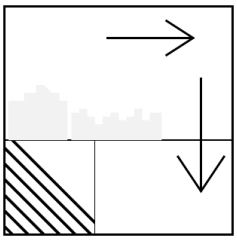


(b)



YourMockTest.com — Free Study Material

(c)



(d)



Q30. If A denotes 'addition', B denotes 'multiplication', C denotes 'subtraction', and D denotes 'division', then what will be the value of the following equation?

14 C (18 D 3) A 5 = ?

(a) 31
(b) 13
(c) 20
(d) 17

Q31. Which of the following numbers will replace the question mark (?) in the given series?

7, 14, 21, 28, 35, 42, 49, ?

(a) 82
(b) 68
(c) 63
(d) 56

Q32. 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.

KP2 : PK16 :: AG3 : FB81 :: TR5 : ?

(a) MY625
(b) MY125
(c) YM625
(d) YM125

Q33. Select the option that is related to the third number in the same way as the second number is related to the first number.

9 : 28 : 13 : ?

(a) 39
(b) 40
(c) 54
(d) 28

Q34. In a certain code language, '231' means 'Pant is Brown', '307' means 'His Brown Shirt' and '781' means 'Shirt and Pant''. Find the code for 'is'.

(a) 2
(b) 0
(c) 8
(d) 1

YourMockTest.com — Free Study Material

Q35. Which of the following numbers will replace the question mark (?) in the given series?

7, 7, 5, 15, 11, 55, 49, 343, ?

(a) 335
(b) 293
(c) 194
(d) 395

Q36. Which of the following letter cluster will replace the blanks in the given series?

ca _ pcaa _ caa _ caap _ aap

(a) aacp
(b) aapp
(c) appc
(d) appp

Q37. Select the option that is related to the third word in the same way as the second word is related to the first word.

Rabindranath Tagore : Literature :: Mother Teresa : ?

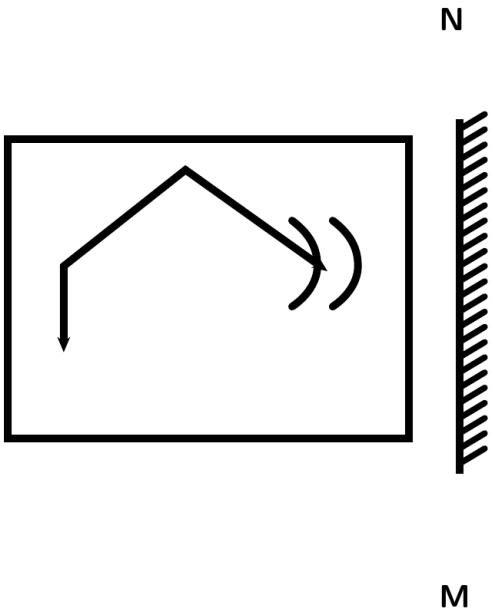
(a) Peace
(b) Physics
(c) Chemistry
(d) Mathematics

Q38. Study the given pattern carefully and select the number that can replace the question mark (?) in it.

First row - 14, 42, 84
Second row - 28, 84, 168
Third row - 19, 57, ?

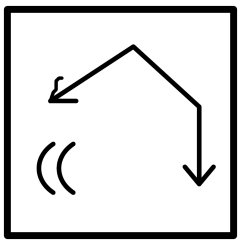
(a) 129
(b) 126
(c) 114
(d) 112

Q39. Select the correct mirror image of the given figure when the mirror MN is placed to the right side of the figure.

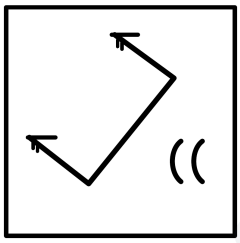


YourMockTest.com — Free Study Material

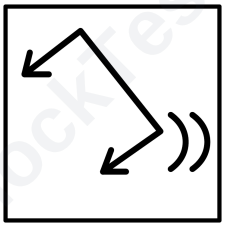
(a)



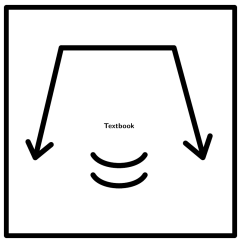
(b)



(c)



(d)



Q40. Five friends Aman, Biraj, Chaman, Sourav and Rajesh are seating around a circular table facing the centre. Aman is to the immediate right of Chaman who is second to the right of Sourav, Biraj is to the immediate left of Chaman. Who is second to the right of Aman?

(a) Chaman
(b) Biraj
(c) Sourav
(d) Rajesh

SESSION 2

Q41. Which of the following vitamins helps to keep our skin and eyes healthy?

(a) Vitamin A
(b) Vitamin D
(c) Vitamin C
(d) Vitamin B

Q42. According to the 2011 census, what is the literacy rate of New Delhi District?

(a) 88.01 percent
(b) 64.09 percent
(c) 54.12 percent
(d) 98.42 percent

YourMockTest.com — Free Study Material

Q43. India accounts for what percent of total geographical area of the world?

(a) 3.2 percent
(b) 5.2 percent
(c) 4.8 percent
(d) 2.4 percent

Q44. Which Guru of Kuchipudi dance form received Padma Bhushan in the year 1998?

(a) Guru Vempati Chinna Satyam
(b) Uday Shankar
(c) Kelucharan Mohapatra
(d) Guru Bipin Singh

Q45. The Jain temple at Pattadakal was built by _____.

(a) Chalukyas
(b) Cholas
(c) Rashtrakutas
(d) Hoyasalas

Q46. Which among the following states has the highest sex ratio in India according to the Census 2011?

(a) Andhra Pradesh
(b) Kerala
(c) Maharashtra
(d) Tamil Nadu

Q47. Which among the following substances is used in moisturizing creams and soaps because of its hygroscopic properties?

(a) Galena
(b) Ethanol
(c) Freon
(d) Glycerol

Q48. Which UK Prime Minister resigned on 20th October, 2022 after serving for 44 days?

(a) Boris Johnson
(b) Liz Truss
(c) Theresa May
(d) Rishi Sunak

Q49. Who among the following has been awarded with Major Dhyan Chand Khel Ratna Award 2021 for "Para Shooting"?

(a) Krishna Nagar
(b) Pramod Bhagat
(c) Sumit Antil
(d) Avani Lekhara

Q50. The prehistoric period in the early development of human beings is commonly known as the _____.

(a) Old stone age
(b) Mesolithic age
(c) Iron age
(d) New stone age

Q51. Which among the following is NOT a Jovian planet?

(a) Mercury
(b) Neptune
(c) Jupiter
(d) Saturn

YourMockTest.com — Free Study Material

Q52. Article 17 of the Indian constitution is related with _____.

(a) Abolition of Untouchability
(b) Abolition of Titles
(c) Equality before law
(d) Right to Education

Q53. Dr. APJ Abdul Kalam, famous Indian scientist's, autobiography is known as _____.

(a) One Life is Not Enough
(b) Wings of Fire
(c) Waiting for a Visa
(d) The Race of My Life

Q54. Pandit Shiv Kumar Sharma, an Indian musician and composer was the foremost exponent of the _____.

(a) Guitar
(b) Santoor
(c) Harmonium
(d) Violin

Q55. Which among the following sessions of Indian National Congress was the first session to be presided by a lady?

(a) Calcutta - 1917
(b) Kanpur - 1925
(c) Lahore - 1929
(d) Surat - 1907

Q56. The Delhi Municipal Corporation (Amendment) Bill 2022 aimed at unifying the _____ Municipal Corporations of Delhi to ensure a robust setup for synergised and strategic planning and optimal utilisation of resources.

(a) three
(b) two
(c) four
(d) five

Q57. The Walker Cup is associated with which of the following sports?

(a) Hockey
(b) Chess
(c) Football
(d) Golf

Q58. Galvanisation is a process in which a protective _____ coating is applied on iron to prevent it from rusting.

(a) nickel
(b) zinc
(c) copper
(d) silver

Q59. Which among the following is the famous harvest festival of Meghalaya, India?

(a) Chapcharkut festival
(b) Sunburn festival
(c) Hornbill festival
(d) Nongkrem festival

Q60. Bharatanatyam dance is associated with which state?

(a) Maharashtra
(b) Tamil Nadu
(c) Madhya Pradesh
(d) Kerala

YourMockTest.com — Free Study Material

Q61. Indian Railways plan to become Net Zero Carbon Emitter by _____.

(a) 2030
(b) 2027
(c) 2032
(d) 2025

Q62. What does 'F' stand for in FRBM Act, 2003 of Indian economy?

(a) Fiscal
(b) Financial
(c) Freedom
(d) Functional

Q63. Who among the following introduced the silver tanka and the copper Jital - the two basic coins of the Sultanate period?

(a) Alauddin Khilji
(b) Iltutmish
(c) Ibrahim Lodi
(d) Qutubuddin Aibak

Q64. Which of the following states is the leading producer of cotton in India, as of November 2022?

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

Q65. Who was the President of Swaraj Party formed in the year 1923?

(a) Motilal Nehru
(b) C Rajagopalachari
(c) Mahatma Gandhi
(d) Chittaranjan Das

Q66. Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.

We went to the mall; however, us only gone window -shopping.

(a) No improvement
(b) we only went
(c) they only going
(d) we only gone

Q67. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.

Make sure you known how to swim.

(a) No error
(b) how to swim.
(c) Make sure
(d) you known

Q68. Fill in the blank with the most appropriate option.

"May I _____ your coats, Mr. and Mrs. Mason?"

(a) take
(b) taste
(c) trek
(d) track

YourMockTest.com — Free Study Material

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

They wanted me to (expound) on this topic because I had some decent ideas on the subject.

(a) paucity
(b) notoriety
(c) partisan
(d) expatiate

Q70. Identify the segment that contains a grammatical error. If there is no error, select 'No error'.

The front part is used for carving / the lines and the back end / for scratching of whole areas.

(a) the lines and the back end
(b) No Error
(c) The front part is used for carving
(d) for scratching of whole areas

Q71. In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.

Break sweat

(a) To make a futile attempt
(b) To lie
(c) To use a lot of energy or effort
(d) To be caught stealing

Q72. Select the appropriate antonym for the underlined word.

There can't be anything positive about plastics with pathogens floating around.

(a) approving
(b) flattering
(c) depreciative
(d) fundamental

Q73. Choose the word that is opposite in meaning to the given word.

Curtailed

(a) Slashed
(b) Lengthened
(c) Pruned
(d) Trimmed

Q74. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.

This is most unique thing I have ever seen in my life.

(a) No error
(b) thing I have ever
(c) seen in my life.
(d) This is most unique

Q75. Select the appropriate synonym for the underlined word.

It is not that you seem heartless.

(a) robust
(b) warm
(c) mild
(d) cruel

Q76. 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".

No, they are normal people. (although they perceive the world different).

(a) but they perceive the world differently

YourMockTest.com — Free Study Material

(b) No substitution required
(c) from they perceive the world differently
(d) while they perceive the world different

Q77. Four sentences are given, out of which three have spelling errors. Choose the sentence with all correctly spelt words.
(a) He made the most delicious pumkin pie.
(b) The paralel lives of two contemporaries.
(c) She took a pair of sissors and cut his hair.
(d) I need a strong adhesive.

Q78. Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.
He started a newly jobs on Tuesday.
(a) No improvement
(b) a new job
(c) a new jobs
(d) an new job

Q79. In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.
To poke one's nose into
(a) To give permission
(b) To show disrespect
(c) To bring no sense
(d) To interfere

Q80. A sentence has been given with a blank to be filled with an appropriate option. Choose the correct alternative.
I strained _____ to catch his options.
(a) hardly
(b) hard
(c) hardest
(d) hardness

Q81. Fill in the blank with the most appropriate option.
Rohan was now standing on tiptoe to _____ over at the inhabitants of the two beds.
(a) look
(b) view
(c) stare
(d) peep

Q82. Choose the word that can substitute the given group of words.
A group of people who have no permanent abode but wander from place to place
(a) Truant
(b) Nomad
(c) Ponderer
(d) Usurer

Q83. Choose the incorrectly spelt word.
(a) Artiset
(b) Banker
(c) Robber
(d) Teacher

YourMockTest.com — Free Study Material

Q84. Select the most appropriate option to fill in the blank.

Plastic inhabits the oceans, _____ up in the guts of seagulls and great white sharks.

(a) building
(b) burning
(c) provoking
(d) sailing

Q85. Choose the word that can substitute the given group of words.

That can be carried or moved easily

(a) Illegible
(b) Handful
(c) Portable
(d) Potable

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.

A young man walks toward me with a stick slung across his back and a (1) ____ of sheep at his feet, which carry him down the path (2) __ a crowd of rowdy children. An older man follows, weatherworn but still (3) __, a rifle over his left shoulder. He clicks his tongue to (4) _ the flock. Behind him are two women on horses; I guess (5) ____ are his wife and daughter.

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

(a) army
(b) shoal
(c) horde
(d) flock

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

(a) likeness
(b) like
(c) likely
(d) liking

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

(a) strong
(b) sick
(c) thin
(d) slow

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

(a) punish
(b) claim
(c) encourage
(d) dress

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

(a) them
(b) these
(c) they
(d) this

YourMockTest.com — Free Study Material

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