SSC MTS (2022) Official Paper (Held On: 13 Jun, 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-13-jun-2023-shift-2-previou…

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

YourMockTest.com — Free Study Material

SESSION 1

Q1. In what ratio must tea worth of Rs. 10 per kg be mixed with tea worth Rs. 15 per kg, so that the resultant mixture costs Ra.12 per kg?

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

Q2. The ratio of the volume of two cylinders is 13 : 1 and the ratio of their heights is 13 : 9. If the area of the base of the second cylinder is 154 cm^2, then what will be the radius of the first cylinder?

(a) 42 cm
(b) 21 cm
(c) 28 cm
(d) 14 cm

Q3. Mohit and Rohit undertook a work for Rs. 2200. Mohit alone can do that work in 10 days and Rohit alone can do the same work in 12 days. If they work together, then what will be the difference in the amount they receive?

(a) Rs. 500
(b) Rs. 200
(c) Rs. 600
(d) Rs. 400

Q4. A man multiplied a number by 8/5 instead of 5/8, what is the percentage error in the calculation?

(a) 124%
(b) 162%
(c) 156%
(d) 100%

Q5. 2 years ago, the ratio of X and Y's age was 7 : 5 and after 2 years their age will be in the ratio 9 : 7. What is the present age of Y?

(a) 18 years
(b) 12 years
(c) 16 years
(d) 14 years

Q6. The simple interest received on a sum at the rate of 8 percent per annum is 2/5 of the sum. What is the time period?

(a) 6 years
(b) 5 years
(c) 4 years
(d) 7.5 years

Q7. Vikas gave 3 examinations. The respective ratio of marks scored by him in the 3 examinations is 3 : 5 : 6. The respective ratio of maximum marks of the 3 examination is 7 : 11 : 10. If he scored 50 percent marks in total, then in how many examination has he scored marks more than 50 percent?

(a) None
(b) 1
(c) 3
(d) 2

Q8. Selling price of a glass is Rs. 1287 and loss percentage is 22 percent. If selling price is Rs. 1848. then what will be the profit percentage?

(a) 12 percent
(b) 15 percent
(c) 10 percent
(d) 8 percent

Q9. If 2 times of selling price is equal of 3 times of cost price, then what is the profit percentage?

(a) 4 percent
(b) 40 percent
(c) 25 percent
(d) 50 percent

Q10. The following table shows the expenditure of a company from the year 2018 to 2022. What is the average amount of tax per year which the company had to pay during this period?

Year	**Expenditure (in lakh)**				
Fuel and Transport	Taxes	Bonus	Interest on loans	Salary	
2018	98	100	1.5	25.5	325
2019	120	105	2.4	36.6	400
2020	114	102	3.8	42.8	422
2021	128	98	3.9	38.4	425
2022	140	92	4.2	48.5	440

(a) 90.2 lakh
(b) 99.4 lakh
(c) 91.4 lakh
(d) 92.5 lakh

Q11. A single discount of 48 percent is given on Rs. 1080. If two successive discounts of 25 percent and 20 percent are given, then what will be the difference between both the selling prices?

(a) Rs. 72.5
(b) Rs. 65.8
(c) Rs. 80.8
(d) Rs. 86.4

Q12. If the time period increases by 5 years, then simple interest increases by Rs. 3600 on a sum of Rs. 6000. What is the annual rate of interest?

(a) 15 percent
(b) 12 percent
(c) 12.5 percent
(d) 10 percent

YourMockTest.com — Free Study Material

Q13. What will be the ratio of the Least Common Multiple and Highest Common Factor of 12, 24 and 36?

(a) 3 : 1
(b) 4 : 1
(c) 6 : 1
(d) 2 : 1

Q14. What will be the curved surface area of cone of radius 5 cm and slant height 30 cm? (use π = 3.14)

(a) 234 cm^2
(b) 715 cm^2
(c) 543 cm^2
(d) 471 cm^2

Q15. U, V and W together can complete a work in 10 days. If U can work thrice as faster than V and V can work twice as faster than W, then in how many days W alone can complete the same work?

(a) 100 days
(b) 90 days
(c) 63 days
(d) 45 days

Q16. What is the value of 49 ÷ 7 - 343 ÷ 7 - 243 ÷ 27 + 729 ÷ 27 + 152 ÷ 19?

(a) -16
(b) 32
(c) 16
(d) -32

Q17. A group of students has an average weight of 42 kg. One student of weight 48 kg leaves the group and another student of weight 44 kg joins the group. If the new average weight becomes 41.6 kg, then how many students are there in the group?

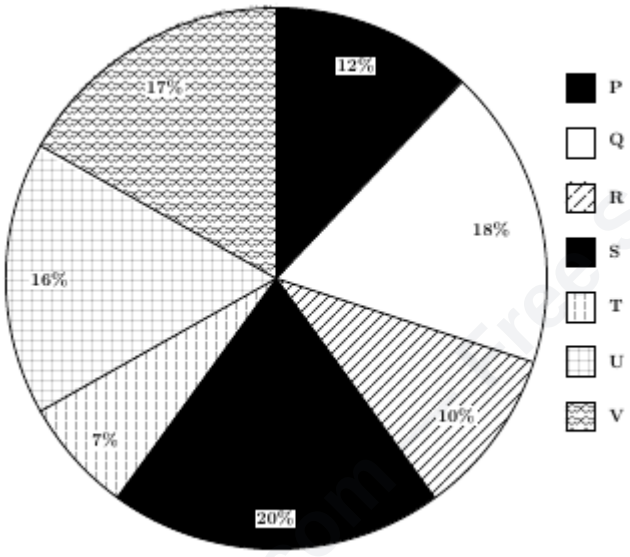
(a) 15
(b) 10
(c) 8
(d) 12

Q18. What is the value of 96 of 2 ÷ 24 + 92 over 10 × 10 ÷ 10 ?

(a) 1
(b) 50
(c) 100
(d) 10

Q19. The pie chart given below shows the savings of seven companies in a year. The total savings of all these companies are 12000. The saving of a particular company is shown as a percentage of total savings of all these seven companies.

YourMockTest.com — Free Study Material



Which of the following statement is correct?

I. The ratio of saving of Q to the savings of U are 8 : 9.

II. Central angle formed by sector R is 36°.

III. The savings of P is 60 percent of the savings of S.

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

Q20. A train starts at 3:00 pm from Mumbai and moves towards Ahmedabad at the speed of 20 km/hr. Another train starts from Ahmedabad at 8 pm and moves towards Mumbai at the speed of 60 km/hr. If the distance between Mumbai and Ahmedabad is 600 km, then at what time both the trains will meet?

(a) 1:30 am
(b) 12:30 am
(c) 2:00 am
(d) 2:15 am

Q21. In a certain code language, 'FOUR' is written as 'ENTQ' and 'LIKE' is written as 'KHJD'. How will 'DOWN' be written in that language?

(a) CNUM
(b) CMVM
(c) CNVO
(d) CNVM

Q22. Six persons Akash, Naman, Divya, Rakesh, Pankaj and Ramesh are sitting in two parallel rows such that three are sitting in each row facing each other. Akash is facing Naman who is to the immediate left of Divya. Divya is sitting opposite of Ramesh who is facing south direction. Pankaj is sitting to immediate left of Ramesh. Who among them is facing north and not sitting in either corner?

(a) Rakesh
(b) Divya
(c) Naman
(d) Akash

Q23. Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.

YourMockTest.com Free Study Material



(a)



(b)



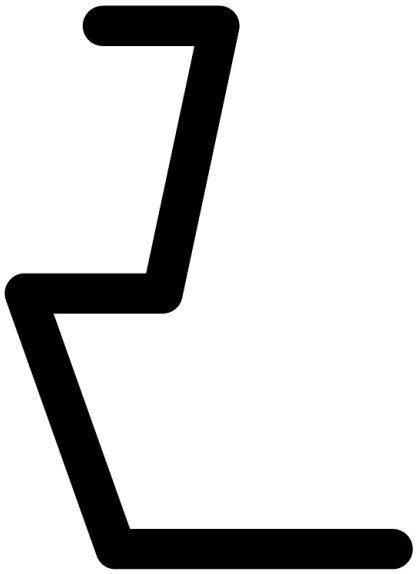
(c)



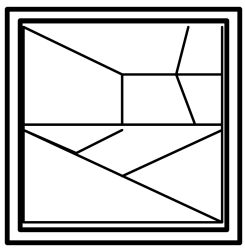
(d)



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

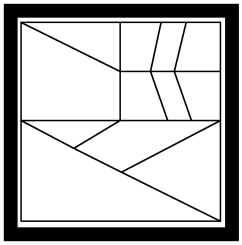


(a)

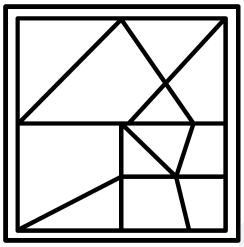


YourMockTest.com — Free Study Material

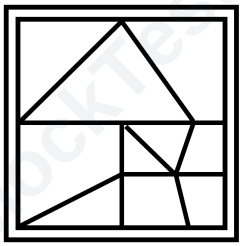
(b)



(c)



(d)



Q25. 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.

22 : 484 :: 23 : 529 :: ? : 729

(a) 31
(b) 29
(c) 27
(d) 26

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

300, 271, 242, 213, 184, ?

(a) 160
(b) 155
(c) 150
(d) 153

Q27. In a certain code language, 'DMCGH' is written as 'CKZCC'. How will 'TLFUP' be written in that language?

(a) SJCQQ
(b) SJCKQ
(c) SCJQK
(d) SJCQK

Q28. In the following question, select the missing number of the given series.

500, 497, 488, 461, 380, ?

(a) 130
(b) 137
(c) 140
(d) 141

YourMockTest.com — Free Study Material

Q29. Which of the mathematical signs should be interchanged in the below equation to make it mathematically correct?

72 ÷ 4 × 64 + 8 - 24 = 80

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

Q30. Seven girls Mansi, Shweta, Monika, Payal, Aarti, Kajal and Laxmi are sitting around a circular table facing towards the centre (not necessarily in the same order). Payal is to immediate left of Mansi. Mansi is third to the left of Laxmi. Kajal is not an immediate neighbour of Aarti. Shweta is second to the left of Kajal. Who is sitting third to the left of Monika?

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

Q31. Which two signs should be interchanged to make the given equation correct?

68 ÷ 2 - 42 + 108 × 12 = 103

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

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 beds are pillows.

No pillow is a blanket.

Conclusions:

I. Some pillows are beds.

II. No bed is a blanket.

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

Q33. 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.

AP : CN :: RT : ?

(a) RT
(b) TS
(c) TR
(d) SR

Q34. Select the set in which the numbers are related in the same way as are the numbers of the following sets. (NOTE : Operations should be performed on the whole numbers, without breaking down the Numbers into its constituent digits. E.g 13 - Operations on 13 such as adding / subtracting / multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 2 and then performing mathematical operations on 1 and 3 is not allowed)

(27, 9, 3)

(125, 25, 5)

(a) (512, 64, 8)
(b) (243, 49, 7)
(c) (739, 81, 9)

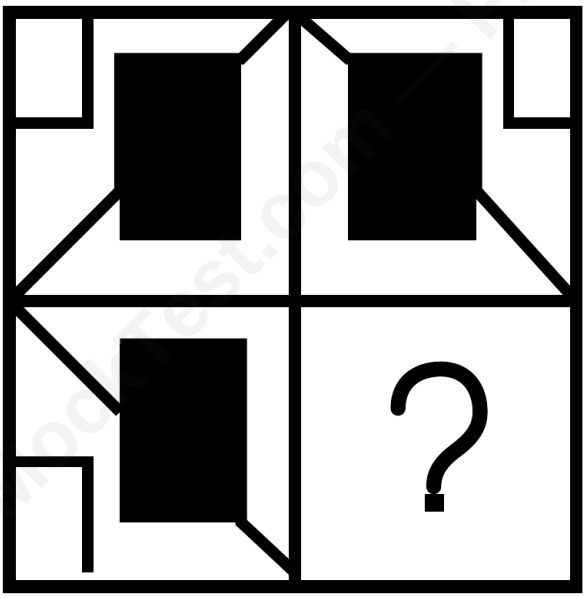
YourMockTest.com — Free Study Material

(d) (206, 36, 6)

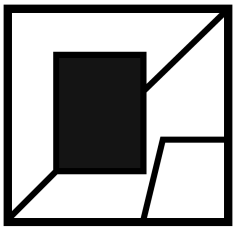
Q35. In a certain code language, 'MYNB' is coded as '2468', 'ZNBA' is coded as '5687', 'QRMA' is coded as '1253'. What is the code for 'Z' in that code language?

(a) 7
(b) 5
(c) 6
(d) 8

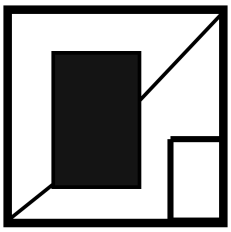
Q36. Which answer figure will complete the pattern in the question figure?



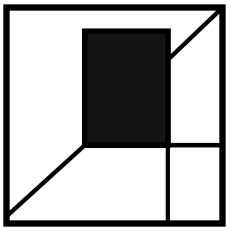
(a)



(b)

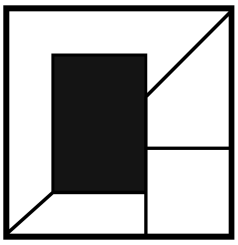


(c)



YourMockTest.com — Free Study Material

(d)



Q37. Which of the following letter cluster will replace the question mark (?) in the given series?

DH, EJ, FL, GN, ?

(a) PH
(b) HN
(c) GM
(d) HP

Q38. 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 pencil are paper.

II. No book is paper.

Conclusion:

I. Some pencil are not book.

II. All book are pencil.

III. Some paper are pencil.

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

Q39. Seven students of a school, E, F, G, H, I, J and K have all obtained different scores. E's score was less than only one student. K scored more than only one person. H's score was more than I's but less than E's. Neither F nor G received the lowest score. I's score was more than K's. Who received the least score?

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

Q40. 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.

Clerk : Office :: ?

(a) Warrior : Battle field
(b) Hospital : Farmer
(c) Shop : Grocer
(d) Garage : Mechanic

SESSION 2

Q41. The National Literacy Mission (NLM) was set up in _____.

(a) 1971
(b) 1982
(c) 1988

YourMockTest.com — Free Study Material

(d) 1998

Q42. The Constitution of India gives its _____ the right to vote.

(a) All citizens and non-citizens
(b) all taxpayers
(c) all male citizens
(d) all adult citizens

Q43. Which Sultan was defeated by Babur in the first battle of Panipat 1526?

(a) Sikandar Lodi
(b) Mahmud Lodi
(c) Ibrahim Lodi
(d) Bahlul Lodi

Q44. Which among the following minerals is essential for the synthesis of thyroid hormones (thyroxine)?

(a) Iron
(b) Iodine
(c) Selenium
(d) Chromium

Q45. Which of the following is an example of joint sector Industry?

(a) Steel Authority of India Limited
(b) Hindustan Aeronautics Limited
(c) Maruti Udyog Limited
(d) Anand Milk Union Limited

Q46. The reign of Kumaragupta I the son and successor of _____ was one of peace and relative inactivity.

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

Q47. Which Indian ministry introduced the Farm Laws Repeal Bill, 2021?

(a) Ministry of Agriculture & Farmers Welfare
(b) Ministry of Finance
(c) Ministry of Rural Development
(d) Ministry of Panchayati Raj

Q48. Which famous Indian dancer was the founder and director of the Darpana Academy of Performing Arts and received Padma Shri in 1965?

(a) Rukmini Devi Arundale
(b) Mrinalini Sarabhai
(c) Prabhu Deva
(d) Pandit Birju Maharaj

Q49. Which is the governing body for Badminton in India?

(a) Indian Badminton Agency
(b) Indian Badminton Association
(c) Badminton Association of India
(d) Badminton Agency of India

Q50. Which of the following is the instrument of monetary policy used by the RBI?

(a) Base rate
(b) Call rate
(c) Bank rate

YourMockTest.com — Free Study Material

(d) Discount rate

Q51. In which of the following regions, a cyclone is known as "Typhoon"?

(a) India
(b) Japan
(c) Canada
(d) Brazil

Q52. The Ganesh-rath is one of the finest monolithic temples located in _____.

(a) Somnath
(b) Mahabalipuram
(c) Varanasi
(d) Nagpur

Q53. Which of the following is an example of micronutrient supplied by soil?

(a) Potassium
(b) Iron
(c) Calcium
(d) Sulphur

Q54. Who is the author of the tragic story, "Othello"?

(a) William Shakespeare
(b) William Wordsworth
(c) Johannes Gutenberg
(d) Charles Dickens

Q55. The festival of Holika Dahan marks the _____.

(a) victory of good over evil
(b) beginning of sowing season
(c) victory of Durga's over mahishasura
(d) beginning of a new year

Q56. India shares its boundary with which of the following countries in the east of West Bengal?

(a) Pakistan
(b) Bangladesh
(c) China
(d) Afghanistan

Q57. Badruddin Tyabji addressed the congress as president in _____.

(a) 1887
(b) 1888
(c) 1885
(d) 1886

Q58. When the litmus solution is neither acidic nor basic, its colour is _____.

(a) green
(b) red
(c) purple
(d) blue

Q59. With respect to sports, NADA stands for _____.

(a) National Anti-Doping Association
(b) National Autonomous Doping Agency
(c) National Anti-Doping Agency
(d) National Autonomous Doping Association

YourMockTest.com — Free Study Material

Q60. Which ministry is related with "Deep Ocean Mission"?

(a) Ministry of Earth Sciences
(b) Ministry of Environment, Forest and Climate change
(c) Ministry of Mines
(d) Ministry of Defence

Q61. Ali Akbar Khan is associated with which of these instruments?

(a) Shehnai
(b) Sarod
(c) Tabla
(d) Sitar

Q62. What is the meeting point of the Western Ghats and the Eastern Ghats?

(a) Nilgiri Hills
(b) Palkonda Hills
(c) Cardamom Hills
(d) Nallamala Hills

Q63. Who has been appointed the Chairman of Staff Selection Commission (SSC) in February 2022?

(a) Rakesh Sharma
(b) K. S. Mani
(c) Vineet Joshi
(d) S. Kishore

Q64. _____ poses are depicted on the gopurams of the Chidambaram temple (Tamil Nadu).

(a) Bharatnatyam
(b) Kathak
(c) Kathakali
(d) Mohiniyattam

Q65. Which freedom fighter was also the first woman to become the Governor of Uttar Pradesh State?

(a) Rajkumari Amrit Kaur
(b) Rani Lakshmi Bai
(c) Sarojini Naidu
(d) Kasturba Gandhi

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

You have exactly one hour to completes the exam.

(a) No improvement
(b) hour to completed
(c) hourly to complete
(d) hour to complete

Q67. Select the most appropriate meaning of the given idiom.

Ethnic Cleansing

(a) Worshiping of a certain ethnic or religious group on a massive scale
(b) Killing of a certain ethnic or religious group on a massive scale
(c) One who was previously unknown and is now prominent
(d) A large number of people either falling ill or dying

Q68. 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.

They (are waiting) for the bus when the accident happened.

(a) No correction required

YourMockTest.com — Free Study Material

(b) have waited
(c) were waiting
(d) have been waiting

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

After the first defeats he had to _____ from France with the empress.

(a) Fleet
(b) Fling
(c) Flee
(d) Flea

Q70. In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.

Bite the bullet

(a) To bring harm to someone
(b) To ruin oneself
(c) Peace talking
(d) Decide to do something that is difficult

Q71. Select the word from the options which is exactly opposite in meaning to the bracketed word given in the sentence below.

Ruffin is seeking that (harmony) of humour in truth-telling amid despair.

(a) Conformity
(b) Discord
(c) Sectional
(d) Determination

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

I could not make out what / it is, for the wind was / rustling the corn-shocks.

(a) I could not make out what
(b) No error
(c) rustling the corn-shocks.
(d) it is, for the wind was

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

Inclusive of private packs it is difficult to _____ more than an overall total of 60 drag and/or bloodhound packs.

(a) haemorrhage
(b) package
(c) envisage
(d) discourage

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

Humans are drawn to foods that is fatty, sweet, rich and complex.

(a) No error
(b) sweet, rich and complex.
(c) Humans are drawn to
(d) foods that is fatty,

Q75. Select the most appropriate option to fill in the blank.

Someone thinks Charles should _____ the British throne and come out here instead.

(a) reciprocate
(b) abdicate
(c) decorticate
(d) authenticate

YourMockTest.com — Free Study Material

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

_____ in biotechnology and medicine have resulted in higher expectancy rate and lower mortality rate.

(a) Arrogate
(b) Advancements
(c) Aversions
(d) Saturation

Q77. Identify the segment that contains a grammatical error. If there is no error, select 'No error'.

Far, far at the top of them, / a shower of bright red sparks / had flared among the stars.

(a) Far, far at the top of them,
(b) No error
(c) a shower of bright red sparks
(d) had flared among the stars.

Q78. 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.

Christian timed round and (strided off) into the blackness and I got into my car.

(a) strode off
(b) strode of
(c) strided of
(d) No correction required

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

A person who has money especially invested in business

(a) Industrialist
(b) Minimalist
(c) Capitalist
(d) Leftist

Q80. Select the most appropriate word for the given group of words.

Ethically good behaviour one has

(a) Belief
(b) Virtual
(c) Virtue
(d) Values

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

Contradict

(a) Permit
(b) Contravene
(c) Verify
(d) Vouch

Q82. Choose the incorrectly spelt word.

(a) Sober
(b) Major
(c) Graviety
(d) Pattern

Q83. Select the most appropriate synonym to substitute the bracketed word in the given sentence.

Unfortunately he is merely the head of a rabble of warlords who are (firmly) rooted in the past.

(a) Feebly
(b) Languidly
(c) Stiffly

YourMockTest.com — Free Study Material

(d) Impotently

Q84. Select the wrongly spelt word.

(a) palatial
(b) scurvy
(c) paneche
(d) oblique

Q85. Select the most appropriate antonym of the given word.

Abundant

(a) Unconscious
(b) Indefinite
(c) Meagre
(d) Unreliable

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.

I wished I (1) _____ teach this to Dhri as well, but I feared it was too (2) ____. Already he had started thinking like the men (3) ____ him, embracing the world of the court with open arms. And I? Each day I thought less and (4) ____ like the women around me. Each day I moved further from them (5) _____ a dusky solitude.

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

(a) could
(b) would
(c) can
(d) may

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

(a) early
(b) last minute
(c) late
(d) later

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

(a) revolving
(b) surmounting
(c) around
(d) rotating

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

(a) more
(b) little
(c) less
(d) limited

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

(a) on to
(b) up to
(c) inner
(d) into

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