SSC MTS (2022) Official Paper (Held On: 10 May, 2023 Shift 1) (Previous Year Paper)

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

Take this paper as a timed mock test

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

yourmocktest.com/pyq/ssc-mts/ssc-mts-2022-official-paper-held-on-10-may-2023-shift-1-previo…

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

YourMockTest.com — Free Study Material

SESSION 1

Q1. Sonam bought an old motor bike for Rs. 4675 and spent Rs. 225 on its repair. Then she sold it in Rs. 5390. What is her profit percent?

(a) 20%
(b) 15%
(c) 10%
(d) 8%

Q2. Average price of 20 pens is Rs. 18. If 12 new pens are added, then the average price rise by Rs. 4. What is the total price of the new pens?

(a) Rs. 384
(b) Rs. 368
(c) Rs. 328
(d) Rs. 344

Q3. A can do a piece of work in 16 days. B can do the same work in 24 days. A started the work alone. After how many days should B join him, so that the work is finished in 10 days?

(a) 6 days
(b) 2 days
(c) 5 days
(d) 1 day

Q4. A alone can do a piece of work in 30 days. He worked at it for 5 days and then B alone finished the remaining work in 10 days. In how many days B alone can finish the entire work?

(a) 12 days
(b) 15 days
(c) 10 days
(d) 18 days

Q5. What is the Least Common Multiple of lengths 80 cm, 90 cm and 112 cm?

(a) 4250 cm
(b) 5040 cm
(c) 5680 cm
(d) 4840 cm

Q6. The average expenditure of Raman for 5 days is Rs. 160. If his expenditure for the first 4 days is Rs. 90, Rs. 135, Rs. 75 and Rs. 180 respectively, then what is his expenditure on the 5th day?

(a) Rs. 360
(b) Rs. 320
(c) Rs. 280
(d) Rs. 250

Q7. In an isosceles triangle, if the ratio of equal side and unequal side is 5 : 7 and its perimeter is 34 cm, then what is the length of equal side?

(a) 14 cm
(b) 18 cm
(c) 10 cm
(d) 34 cm

Q8. The following table shows the marks obtained by five students in six different subjects.

How much percent marks are scored by Isha in aggregate?

Students/Subject (Out of 100)	Hindi (Out of 100)	English (Out of 100)	Maths (Out of 150)	S.St (Out of 150)	Science (Out of 150)	Computer (Out of 50)
Anchal	84	62	100	140	112	40
Bhavana	92	80	132	148	145	42
Isha	80	60	104	132	105	45
Anuradha	31	71	110	140	125	48
Manjari	78	70	108	135	130	40

(a) 84.66%
(b) 72.56%
(c) 75.14%
(d) 80.42%

Q9. The ratio of the expenditure and savings of a person is 4 : 3. His expenditure increases by 1/4 of his initial savings and his income increases by Rs. 300. If his savings remains the same, then what is his initial expenditure?

(a) Rs. 1600
(b) Rs. 20000
(c) Rs. 10000
(d) Rs. 12000

Q10. After 55 years, a sum invested at simple interest at the rate of r percent becomes twice of itself. What is the value of 'r'?

(a) 17/20%
(b) 11/30%
(c) 13/15%
(d) 20/11%

Q11. What is the value of (49-7 × 5+3 × 21)/(98+49 × 2-195) ?

(a) 77
(b) 22
(c) 11
(d) 7

Q12. A shopkeeper sells an article at 10 percent loss after giving a discount of 20 percent. What is the ratio of cost price and marked price of the article?

(a) 5 : 8
(b) 8 : 9
(c) 7 : 9
(d) 4 : 9

Q13. The speed of a boat in still water is 9 km/hr and the speed of the stream is 6 km/hr. If a man goes a distance of 45 km against the stream and comes back to the starting point, then what is the total time taken by him?

(a) 20 hours
(b) 30 hours

YourMockTest.com – Free Study Material

(c) 24 hours
(d) 18 hours

Q14. A and B enter into a partnership such that 5 times of A's investment is equal to 7 times of B's investment. If the total profit is Rs. 12000, then what is the share of A?
(a) Rs .6300
(b) Rs .7000
(c) Rs. 8000
(d) Rs. 7500

Q15. Evaluate: 6 + 6 of 6 ÷ 6 – 6/5
(a) 12/5
(b) 54/5
(c) 44/5
(d) 6/5

Q16. When a number is increased by 112, it becomes 170% of itself. Find the number.
(a) 160
(b) 150
(c) 200
(d) 180

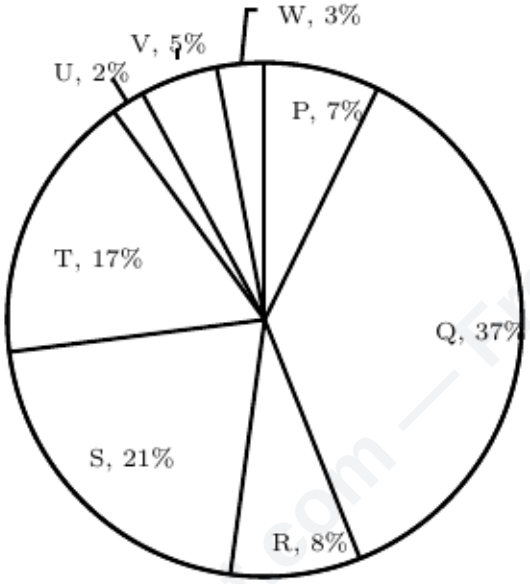
Q17. The difference between compound interest and simple interest on an amount of Rs. 14,400 for 2 years is Rs. 3600. Find the rate of interest.
(a) 30%
(b) 35%
(c) 10%
(d) 50%

Q18. By selling a glass for Rs. 1378 a man earns a profit of 6 percent. If he sells it for Rs. 1079, then what will be the loss percent?
(a) 11 percent
(b) 18 percent
(c) 17 percent
(d) 15 percent

Q19. Find the weight of a cylindrical iron container with base radius 12.6 cm and height is 4 m, where the weight of 1 cm^3 of iron is 2 grams?
(a) 299.284 kg
(b) 199.584 kg
(c) 399.168 kg
(d) 499.482 kg

Q20. The pie chart given below shows the number of boys in 8 schools. The total number of boys in all these 8 schools is 8000. The number of boys in a particular school is shown as a percent of a total number of boys in all these 8 schools.

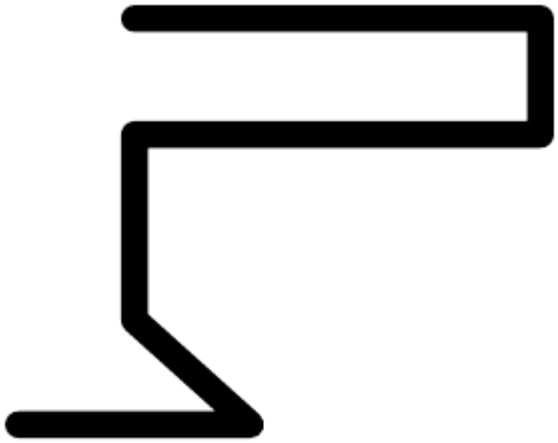
YourMockTest.com — Free Study Material



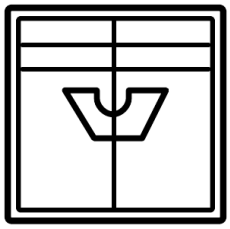
What is the sum of the average number of boys in P. R. T and W and the average number of boys in Q and V?

(a) 2580
(b) 2180
(c) 2380
(d) 1980

Q21. Select the option figure in which the given figure is embedded. (rotation is NOT allowed)

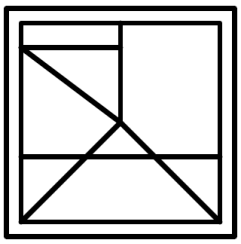


(a)

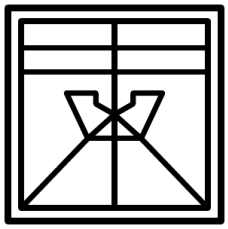


Free Study Material — YourMockTest.com

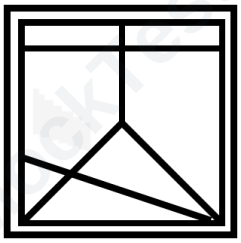
(b)



(c)



(d)



Q22. Which of the following numbers will replace the question mark (?) in the given series?

19, 27, 54, 118, 243, ?

(a) 469
(b) 449
(c) 459
(d) 457

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.

Night blindness : Vitamin A :: Scurvy : ?

(a) Vitamin D
(b) Vitamin C
(c) Vitamin K
(d) Vitamin E

Q24. P, Q, R, S and T are sitting on a bench facing towards north but not necessarily in the same order. P is immediate neighbour of Q, S is immediate neighbour of T. P is not sitting with R who sits on the right end of the bench. P sits to the right of S and T. S sits to the right of T.

In which position P is sitting?

(a) Second from right
(b) Fourth from left
(c) Second from left
(d) Third from left

Q25. Select the option that is related to the third number in the same way as the second number is related to the first number.

441 : 9261 :: 169 : ?

(a) 2197
(b) 2019
(c) 2017

YourMockTest.com — Free Study Material

(d) 2719

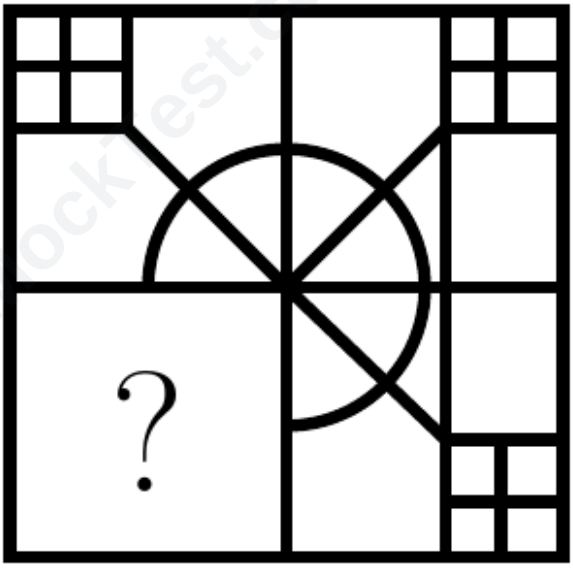
Q26. Select the set in which the numbers are related in the same way as are the numbers of the following sets. (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. Eg 13 - Operations on 13 such as adding/subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(6, 4, 48)

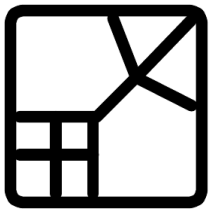
(8, 5, 80)

(a) (3, 7, 42)
(b) (2, 7, 14)
(c) (5, 7, 42)
(d) (4, 6, 36)

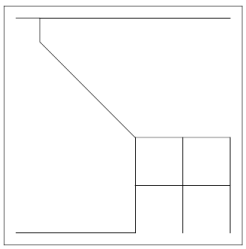
Q27. Select the option figure that will replace the question mark (?) in the figure given below to complete the pattern. (rotation is not allowed)



(a)

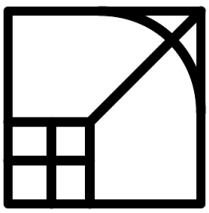


(b)

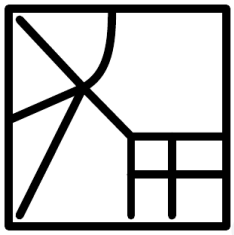


YourMockTest.com — Free Study Material

(c)



(d)



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:

No plate is Mug.

Some Mugs are Tables.

Conclusions:

I. All plates being tables is a possibility.

II. Some tables are not mugs.

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

Q29. Five boys Aman, Baman, Chaman, Daman and Farhan have different ages. Farhan is elder than only Aman and Baman. Daman is younger than only Chaman. Aman is not the youngest. How many boys are elder than Aman?

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

Q30. In a certain code language, 'DJ' is written as '410'. How will 'NS' be written in that language?

(a) 1419
(b) 1320
(c) 1420
(d) 1319

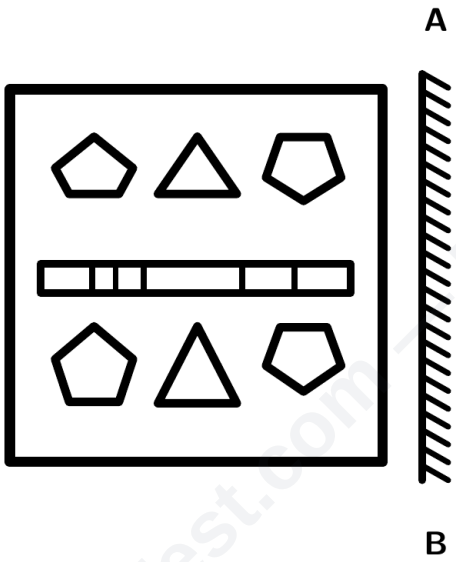
Q31. Which of the following letter cluster will replace the question mark (?) in the given series?

XF, UI, RL, OO, ?

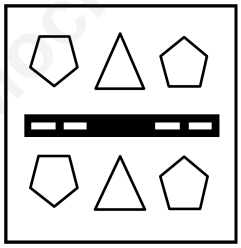
(a) KS
(b) KR
(c) LS
(d) LR

YourMockTest.com — Free Study Material

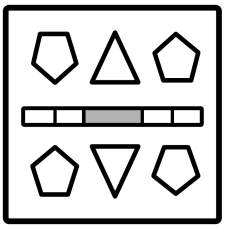
Q32. If a mirror is placed on the line AB, then out of the option figures which figure will be the right image of the question figure?



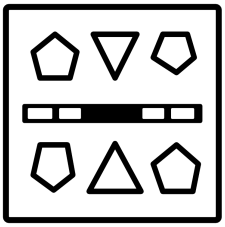
(a)



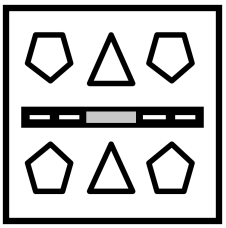
(b)



(c)



(d)



YourMockTest.com – Free Study Material

Q33. A, B, C, D, E, F, G, and H are sitting around a square table facing the centre of the table. Four of them are sitting at each of the corners, while the other four are sitting at the exact centre of each of the sides.

E who sits at the centre of a side, sits to the fourth left of the G. Only one person sits between G and F. B is immediate neighbour of E. Only three people sit between B and A. A is not a neighbour of D. H sits to the immediate left of C. C sits second to the right of E.

Who sits fourth to the right of D?

(a) H
(b) C
(c) G
(d) B

Q34. Which of the following numbers will replace the question mark (?) in the given series?

14, 15, 30, 33, 132, 137, 822, ?

(a) 899
(b) 829
(c) 819
(d) 982

Q35. 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 carrots are vegetables.

Some vegetables are snacks.

Conclusions:

I. All vegetables are carrots.

II. All carrots are snacks.

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

Q36. Select the option that is related to the third word in the same way as the second word is related to the first word.

Newton : Force :: Joule : ?

(a) Momentum
(b) Work
(c) Time
(d) Pressure

Q37. In a certain code language, 'SHOE' is written as '47'. How will 'HELMET' be written in that language?

(a) 63
(b) 83
(c) 68
(d) 72

Q38. By interchanging the given two signs which of the following equation will be not correct?

• and -

I. $4 \times 6 + 7 - 3 \div 1 = 21$

II. $6 \times 9 + 7 - 8 \div 2 = 51$

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

YourMockTest.com — Free Study Material

Q39. Which of the mathematical signs should be interchanged in the below equation to make it mathematically correct?

24 ÷ 15 × 16 + 4 - 18 = 66

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

Q40. In a certain code language, 'TYPING' is written as 'VAPING'. How will 'WIPING' be written in that language?

(a) YKPING
(b) VKPJNG
(c) VIPING
(d) VKPGNG

SESSION 2

Q41. Which of these is the title of the first novel of Anand Neelakantan?

(a) Asura : Tale of the Vanquished
(b) Satya Ke Prayog
(c) The Immortals of Meluha
(d) Kadambari

Q42. Article _____ of the Indian Constitution deals with "Right to Constitutional Remedies".

(a) 28 - 33
(b) 32 - 35
(c) 25 - 30
(d) 22 - 25

Q43. As per the Census 2011, what is the sex ratio in India?

(a) 843 females per thousand males
(b) 943 females per thousand males
(c) 743 females per thousand males
(d) 643 females per thousand males

Q44. Which bill passed in the Lok Sabha in 2022 seeks to convert the National Rail and Transportation Institute, Vadodara (a deemed university) to the Gati Shakti Vishwavidyalaya?

(a) The Appropriation Bill
(b) The Competition (Amendment) Bill
(c) Central Universities (Amendment) Bill
(d) University Laws (Amendment) Bill

Q45. Steapsin, the enzyme which converts fats into fatty acids and glycerol, is secreted by _____.

(a) stomach
(b) pancreas
(c) small intestine
(d) large intestine

Q46. English East India Company acquired Diwani of Bengal in _____.

(a) 1765
(b) 1755
(c) 1760
(d) 1770

YourMockTest.com — Free Study Material

Q47. President Draupadi Murmu launched the Pradhan Mantri TB Mukt Bharat Abhiyan and the Nikshay 2.0 portal to eliminate Tuberculosis by _____ through a virtual event.

(a) 2035
(b) 2028
(c) 2025
(d) 2030

Q48. Which among the following Buddhist Universities is located in Bihar, India?

(a) Vallabhi University
(b) Somapuri University
(c) Nalanda University
(d) Nabadwip University

Q49. Who has been the chairman of the Union Public Service Commission (UPSC) since 5 April, 2022?

(a) Dr. T.C.A. Anant
(b) Shri Bharat Bhushan Vyas
(c) Dr. Manoj Soni
(d) Ms. Smita Nagaraj

Q50. When was the first battle of Tarain fought?

(a) 1208
(b) 1182
(c) 1191
(d) 1215

Q51. Raja Parba festival of Odisha is the living cultural heritage and agricultural way of life. It is held for three days in the month of _____.

(a) July
(b) June
(c) September
(d) August

Q52. According to census 2011, which state has highest decadal population growth rate between 2001 - 11?

(a) Bihar
(b) Arunachal Pradesh
(c) Mizoram
(d) Meghalaya

Q53. Who gave the slogan, " Freedom is my birth right and I shall have it!" ?

(a) Badruddin Tyabji
(b) Lala Lajpat Rai
(c) Bal Gangadhar Tilak
(d) Bipin Chandra Pal

Q54. _____ is scheduled to host the International Cricket Council (ICC) Men's Cricket World Cup 2023.

(a) England
(b) New Zealand
(c) India
(d) Pakistan

Q55. Who among the following is famous for playing the musical instrument "Sarod" ?

(a) Amjad Ali Khan
(b) Bismillah Khan
(c) Zakir Hussain
(d) Ravi Shankar

YourMockTest.com — Free Study Material

Q56. Identify the famous Indian classical dancer.

She is a Guru of both Bharatanatyam and Odissi dancing style. She received Sangeet Natak Akademi Award in 1987.

(a) Shovana Narayana
(b) Sonal Mansingh
(c) Padma Subrahmanyam
(d) Mrinalini Sarabhai

Q57. In 1867, Keshab Chandra Sen helped Atmaram Pandurang found the Prarthana Samaj in _____.

(a) Calcutta
(b) Bombay
(c) Poona
(d) Chennai

Q58. The famous Hirakud Captive Thermal Power plant is located in which of the following states?

(a) Odisha
(b) Gujarat
(c) Tamil Nadu
(d) Andhra Pradesh

Q59. As a result of which act did Queen Victoria, who was the monarch of Britain, also became the sovereign of British territories in India, with the title "Empress of India" in 1858?

(a) Indian Councils Act
(b) Government Of India Act
(c) Charter Act
(d) Regulating Act

Q60. When was the Pradhan Mantri Ujjwala Yojana launched by the Government of India?

(a) 2018
(b) 2014
(c) 2016
(d) 2012

Q61. PM Street Vendor's AtmaNirbhar Nidhi (PM SVANidhi) Scheme was launched by which ministry?

(a) Ministry of Consumer Affairs
(b) Ministry of Finance
(c) Ministry of Commerce
(d) Ministry of Housing and Urban Affairs

Q62. _____ species are those species of plants and animals which are found exclusively in a particular area.

(a) Endemic
(b) Endangered
(c) Threatened
(d) Critically Endangered

Q63. Which among the following is a subject of the State List in the Constitution of India?

(a) Banking
(b) Ports
(c) Agriculture
(d) Railways

Q64. Pung Cholom is performed usually on religious occasions to the accompaniment of songs and dhol. It is famously performed in which of the following states?

(a) Uttar Pradesh
(b) Maharashtra

YourMockTest.com — Free Study Material

(c) Manipur
(d) Kerala

Q65. Major plantations are found in the _____ region of the world.
(a) Tropical
(b) Grassland
(c) Temperate
(d) Desert

Q66. Select the most appropriate option to substitute the bracketed segment in the given sentence. If there is no need to substitute it, select 'no substitution required'.
(In fact, climbing fern is spreading so rapidly that its) now the state's worst invasive weed.
(a) In fact, climbing fern is spreading so rapid that it's
(b) In fact, climbing fern is spread so rapidly that its
(c) In fact, climbing fern is spreading so rapidly that it's
(d) No substitution required

Q67. Choose the correctly spelled word.
(a) Concensus
(b) Concencus
(c) Consensus
(d) Consencus

Q68. Direction: Select the most appropriate antonym to substitute the (bracketed) word in the given sentence.
It would effectively rouse people's ardour to invest, and help to (discourage) the transfer of capital abroad.
(a) Industrious
(b) Construe
(c) Persuade
(d) Intolerable

Q69. Select the most appropriate option to fill in the blank.
This _____ piece of mischief by his brother brought a quiet laugh from David.
(a) nonsensical
(b) classical
(c) whimsical
(d) vesical

Q70. In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.
The life and soul of the party
(a) The only person who dances in the party
(b) Chief guest of the party
(c) A person who brings lots of gifts
(d) Person who brings lots of energy to the party

Q71. Four sentences are given, out of which three have spelling errors. Choose the sentence with all correct spelt words.
(a) The main problem, I beleive, lies elsewhere.
(b) He said the goverment remained commited to peace.
(c) You could have seen in them a cemetery or a war memorial.
(d) Jerry is an amatuer who dances because he feels like it.

Q72. Identify the segment that contains a grammatical error. If there is no error, select 'No error'.
Early, during December 2021, / Lal was appointed / the Secretary to the Lokpal.
(a) the Secretary to the Lokpal.
(b) Early, during December 2021,

YourMockTest.com – Free Study Material

(c) Lal was appointed
(d) No error

Q73. Find the part of the given sentence that has an error in it. If there is no error, chose 'No error'.
Neither I nor my friends are going too walk down that street.
(a) down that street.
(b) friends are going too walk
(c) No error
(d) Neither I nor my

Q74. Identify the segment that contains a grammatical error. If there is no error, select 'No error'
In 79 A.D., the Mount Vesuvius blew / its top, burying the ancient / cities of Pompeii and Herculaneum.
(a) In 79 A.D., the Mount Vesuvius blew
(b) its top, burying the ancient
(c) cities of Pompeii and Herculaneum.
(d) No Error

Q75. Fill in the blank with the most appropriate option.
This change is responsible for a recent _____ the number of cases of cancer in this age group.
(a) rise to
(b) rise at
(c) rise in
(d) rise of

Q76. Fill in the blank with the most appropriate option.
For months, Drupad could not taste anything he ate as regret layered _____ mud.
(a) his mouth like
(b) his mouth as though
(c) his mouth comparable to
(d) his mouth allied to

Q77. Select the most appropriate word for the given group of words.
A local meeting of party members to select candidates, elect convention delegates, etc
(a) Claque
(b) Clique
(c) Caravan
(d) Caucus

Q78. Choose the word that can substitute the given group of words.
The flowers of a particular region
(a) Flora
(b) Fauna
(c) Bovine
(d) Bryophyte

Q79. Select the most appropriate synonym of the given word.
Console
(a) Fret
(b) Arteriole
(c) Solace
(d) Torment

YourMockTest.com — Free Study Material

Q80. Improve the underlined part of the sentence. Choose 'No improvement as an answer if the sentence is grammatically correct.

Each passenger is allows one piece of carry - on luggage.

(a) is allowed
(b) No improvement
(c) is allowing
(d) is allow

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

Malign

(a) Praise
(b) Align
(c) Cheerful
(d) Harangue

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

During treatment, patients lay _____ on the treatment couch for around 3 hrs.

(a) arsine
(b) alpine
(c) repine
(d) supine

Q83. Select the most appropriate meaning of the bracketed idiom in the given sentence.

Later, Brooks' brother alleged that racism helped put the (pedal to the metal).

(a) Very excessive
(b) To go full speed, especially while driving a vehicle
(c) To enjoy yourself by going out
(d) Avoid responsibility by giving it to someone else

Q84. 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.

He (returned back) Cambridge shortly before three o'clock.

(a) showed
(b) No correction required
(c) appeared
(d) reached

Q85. Select the word from the options which is similar in meaning to the bracketed part given in the sentence below.

I suppose I was looking for (a work that would give me income) and that was going to be an adventure.

(a) Activity
(b) Calling
(c) Pursuit
(d) Occupation

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.

Intriguingly, those who (1) ____ the psychobiotic diet reported they felt less stressed compared (2) __ those who followed the control diet. There was also a direct correlation between how strictly (3) __ followed the diet and their perceived stress levels, with those who (4) __ more psychobiotic foods during the four - week period reporting the (5) ____ reduction in perceived stress levels.

YourMockTest.com — Free Study Material

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

(a) casted
(b) followed
(c) believed
(d) bellowed

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

(a) of
(b) with
(c) by
(d) on

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

(a) participants
(b) nomads
(c) animals
(d) spectators

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

(a) staked
(b) ate
(c) eroded
(d) raked

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

(a) greatest
(b) greater
(c) greatly
(d) great

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