SSC MTS Previous Year Paper (Held on: 22 July 2022 Shift 1)

SSC Multi-Tasking Staff (MTS) • 2022 • 100 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-previous-year-paper-held-on-22-july-2022-shift-1

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

YourMockTest.com — Free Study Material

GENERAL INTELLIGENCE & REASONING

Q1. Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements: No electron is a proton.

No proton is a neutron.

Conclusions:

I) It is possible for some electrons to be neutrons.

II) All neutrons are electrons.

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

Q2. Select the option 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 /deleting /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)

(1056, 11, 16)

(480, 10, 8)

(a) (88, 2, 7)
(b) (110, 3, 6)
(c) (384, 8, 4)
(d) (90, 3, 5)

Q3. Select the number from among the given options that can replace the question mark (?) in the following series.

1, 3, 17, 55, ?, 179, 265, 375

(a) 169
(b) 157
(c) 91
(d) 105

Q4. Five people, L, M, N, R and S are sitting in a straight row, facing north, but not necessarily in the same order. Only M sits between L and S. N sits to the immediate right of S. R sits to the immediate left of L. Who sits at the second position from the left end?

(a) L
(b) S
(c) M
(d) R

Q5. 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.

OMP : QPT :: FOR : ?

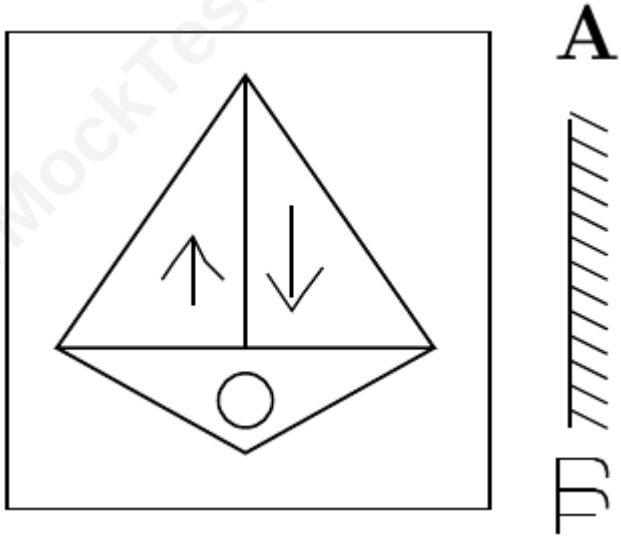
(a) HSV
(b) HRU
(c) HRV
(d) HSU

Q6. Select the option that is related to the third number in the same way as the second number is related to the first number and sixth number is related to the fifth number.

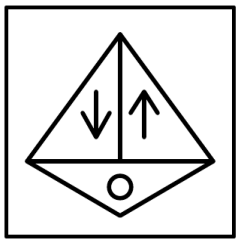
33 : 101 :: 39 : ? :: 35 : 107

(a) 117
(b) 119
(c) 113
(d) 115

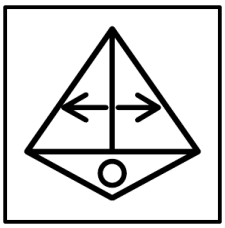
Q7. Select the correct mirror image of the given figure when the mirror is placed at line AB as shown.



(a)

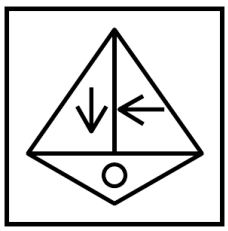


(b)

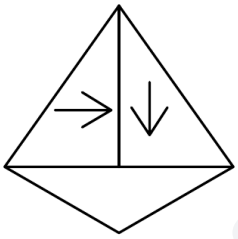


YourMockTest.com — Free Study Material

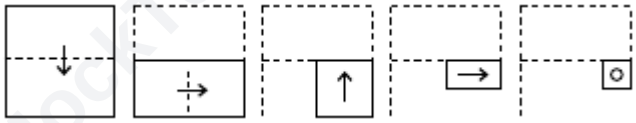
(c)



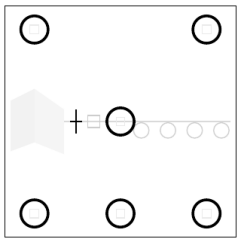
(d)



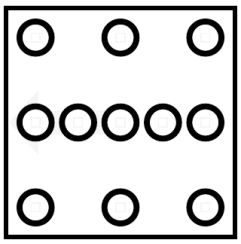
Q8. The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?



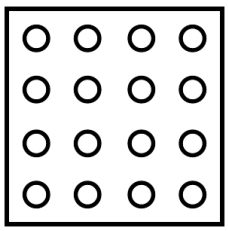
(a)



(b)

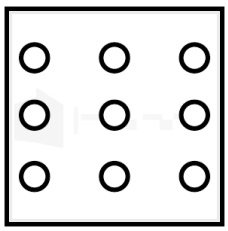


(c)



YourMockTest.com — Free Study Material

(d)



Q9. Select the option that is related to the fifth word in the same way as the second word is related to the first word and the fourth word is related to the third word.

Doctor : Diagnosis :: Painter : Painting :: Judge : ?

(a) Judgement
(b) Lawyer
(c) Court
(d) Punishment

Q10. Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

I. All P's are M.

II. Some Q's are P.

Conclusions:

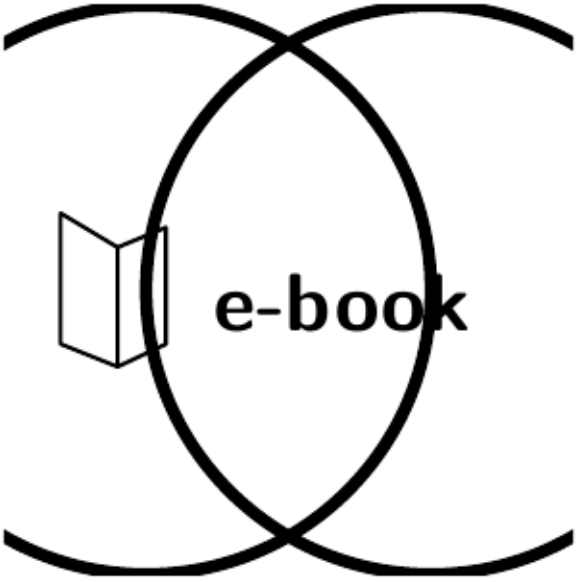
I. Some M's are Q.

II. Some P's are Q.

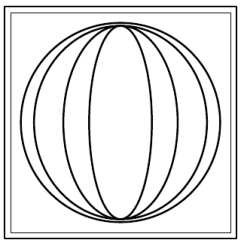
III. Some M's are P.

(a) Both conclusions I and III follow.
(b) Only conclusion III follows.
(c) Conclusions I, II and III follow.
(d) Only conclusion II follows.

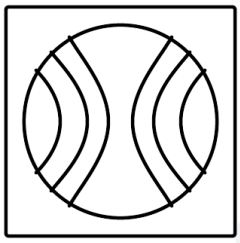
Q11. Select the option figure in which the given figure is embedded (rotation is NOT allowed).



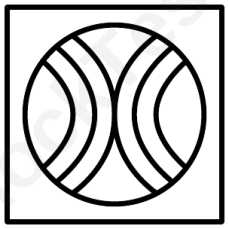
(a)



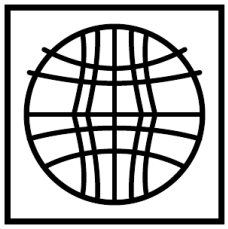
(b)



(c)



(d)



Q12. Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

MN, NM, OL, PK, ?

(a) LQ
(b) QJ
(c) KJ
(d) JK

Q13. Select the number from among the given options that can replace the question mark (?) in the following series.

6, 11, 21, 41, 81, ?

(a) 241
(b) 151
(c) 161
(d) 240

Q14. Which two numbers (NOT digits) should be interchanged to make the following equation mathematically correct?

8 ÷ 2 × 6 - 11 + 5 = 15

(a) 2 and 8
(b) 5 and 6
(c) 2 and 6
(d) 6 and 11

YourMockTest.com — Free Study Material

Q15. 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.

WOR : WSZ :: CLW : ?

(a) BPF
(b) BOF
(c) BOE
(d) BPG

Q16. In a certain code language, 'PINK' is coded as '25', and 'HAIR' is coded as '18'. How will 'FAIL' be coded in that language?

(a) 28
(b) 14
(c) 24
(d) 12

Q17. What will be the value of the following expression, if '+' and '×' are interchanged and '-' and '÷' are interchanged?

9 + 2 ÷ 5 × 4 - 2 = ?

(a) 4
(b) 12
(c) 3
(d) 15

Q18. The ages of seven colleagues are compared. Pawan is older than only Lalit and Kunal. Jatin is the oldest. Manish is younger than only Jatin. Nilesh and Ojha are older than Pawan.

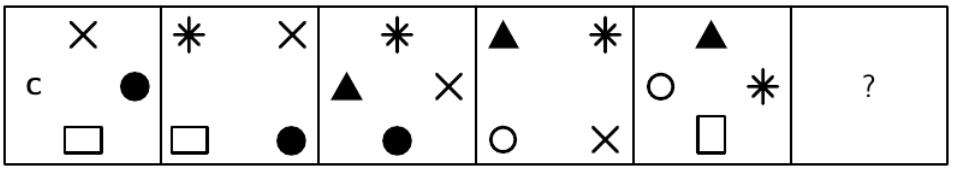
Who is the third youngest colleague?

(a) Pawan
(b) Nilesh
(c) Ojha
(d) Kunal

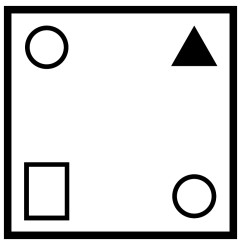
Q19. Five friends are sitting on a bench in a playground and facing north (but not necessarily in the same order). Swati is to the immediate left of Rakhi and to the immediate right of Bindia. Meenal is to the right of Rakhi. Tina is exactly between Rakhi and Meenal.Who is sitting at the rightmost end?

(a) Tina
(b) Meenal
(c) Swati
(d) Rakhi

Q20. Select the figure from among the given options that can replace the question mark (?) in the following series.

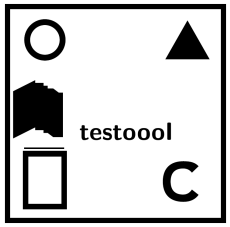


(a)

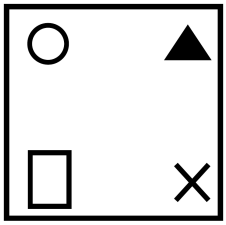


YourMockTest.com — Free Study Material

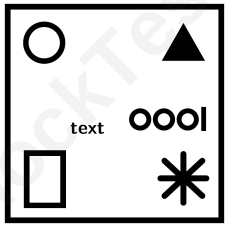
(b)



(c)



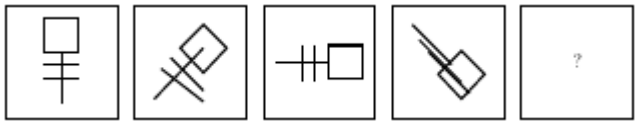
(d)



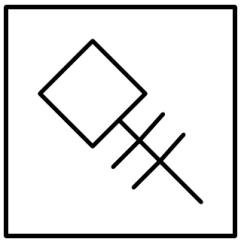
Q21. In a certain code language, 'GREAT' is coded as '96321', and 'TALMN' is coded as '12457'. How will 'REALM' be coded in that language?

(a) 63249
(b) 63247
(c) 63245
(d) 62349

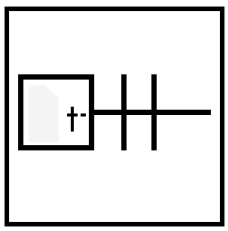
Q22. Select the figure from the given options that can replace the question mark (?) in the following series.



(a)

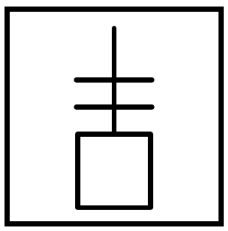


(b)

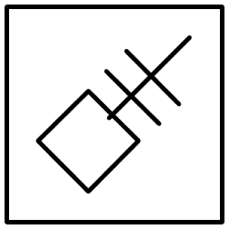


YourMockTest.com — Free Study Material

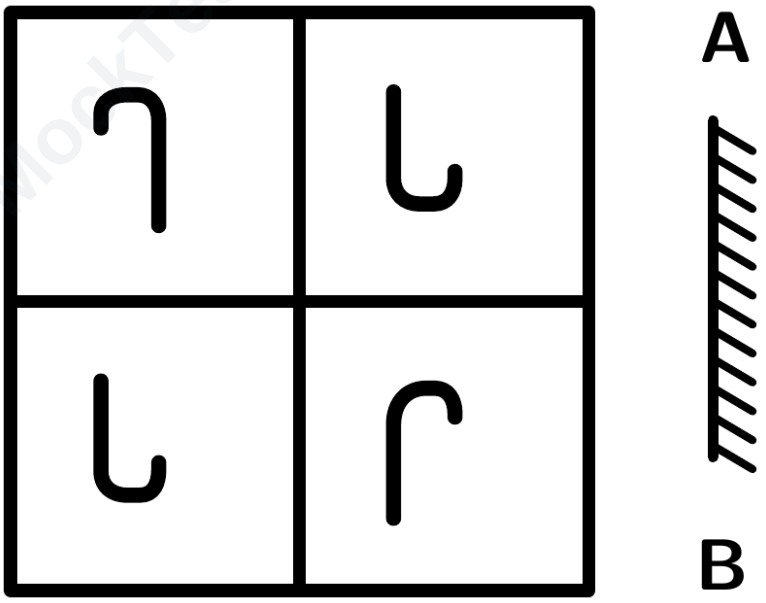
(c)



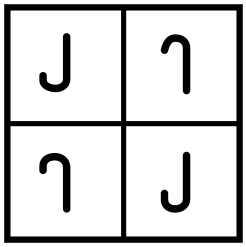
(d)



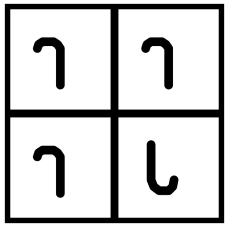
Q23. Select the correct mirror image of the given figure when the mirror is placed at the right side.



(a)

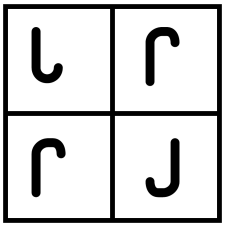


(b)

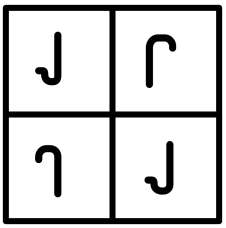


YourMockTest.com — Free Study Material

(c)



(d)



Q24. In a certain code language, '95784' is written as 'EGYPT', and '23614' is written as 'LIKRT'. How will ' 462893 ' be written in that language?

(a) ELIYPG
(b) TILGPY
(c) EKLYPT
(d) TKLPEI

Q25. In a certain code language, 'TYRE' is written as 'UZQD' and 'SALE' is written as 'TBKD'.How will 'DISH' be written in that language?

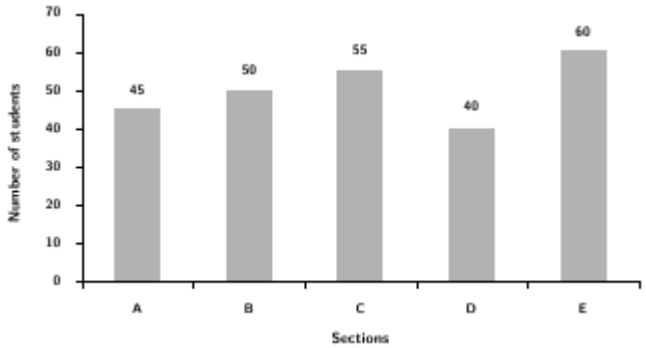
(a) EJRG
(b) EllH
(c) EJIG
(d) CIRI

NUMERICAL APTITUDE

Q26. The total salary of two employees, A and B, in an organisation was Rs. 40,000. After increasing the salary of A by 9% and of B by 11%, the total salary of A and B becomes Rs. 44,100. What was the initial salary of A?

(a) Rs. 15,000
(b) Rs. 22,500
(c) Rs. 25,000
(d) Rs. 18,000

Q27. The following bar graph shows the number of students in five different sections of Class 10.



What is the positive difference between the numbers of students in Section C and in Section D?

(a) 16
(b) 15

(c) 14
(d) 17

Q28. What should come in place of the question mark (?) in the following question?

$2 \times 324 \times ? = 9^2 \times 22^2 \times 6$

(a) 359
(b) 364
(c) 363
(d) 366

Q29. Find the volume of a sphere having a diameter of 6 mm, in terms of π.

(a) 12π mm³
(b) 24π mm³
(c) 64π mm³
(d) 36π mm³

Q30. 5 men can complete a work in 12 days, and 6 women can complete the same work in 20 days. In how many days can 1 man and 1 woman together complete this work?

(a) 120 days
(b) 32 days
(c) 40 days
(d) 60 days

Q31. The ratio of the length to the width of a rectangle is 3 : 2. If the length of this rectangle is increased by 25% and its width is kept constant, then the area of the rectangle increases by 24 m². What is the width of this rectangle?

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

Q32. Simplify the following expression.

12 + 11 - 13 + (4 + 3)

(a) 17
(b) 16
(c) 18
(d) 15

Q33. If Δ ABC is similar to Δ DEF such that BC = 3 cm, EF = 4 cm and the area of Δ ABC = 54 cm², then the area of Δ DEF is:

(a) 78 cm²
(b) 96 cm²
(c) 66 cm²
(d) 44 cm²

Q34. At a certain rate of interest per annum, compounded annually, a certain sum of money amounts to two times of itself in 11 years. In how many years will the sum of money amount to four times of itself at the previous rate of interest per annum, also compounded annually?

(a) 20 years
(b) 5.5 years
(c) 22 years
(d) 33 years

YourMockTest.com — Free Study Material

Q35. The table below shows the number of toys of 6 different colours sold from a shop during a given period. The table also shows the percentage of toys of each colour which are cars.

Colour	Total toys	Percentage of cars
C1	500	12
C2	600	15
C3	400	12.5
C4	550	10
C5	650	20
C6	450	10

What is the total number of car toys of C2 and C3 taken together?

(a) 150
(b) 160
(c) 140
(d) 130

Q36. The speed of a superfast train, T1 is 20% more than the speed of another superfast train T2. Both the trains start from point N at the same time and reach point M at the same time. N and M are 500 km apart. T1 stops for 10 minutes on the way to M, but T2 covers the distance without any stops entire route. What is the speed of T1?

(a) 600 km/h
(b) 500 km/h
(c) 650 km/h
(d) 550 km/h

Q37. A and B together can finish a work in 20 days. If they worked together for 8 days, then what was the share of work that was yet to be completed?

(a) 3/5
(b) 4/5
(c) 2/5
(d) 1/5

Q38. The difference between 73% of a number and 45% of the same number is 112. Find the number.

(a) 450
(b) 400
(c) 500
(d) 550

Q39. By selling an article for Rs. 600, a person made a profit of 50%. What was the cost price of this article?

(a) Rs. 300
(b) Rs. 450
(c) Rs. 400
(d) Rs. 350

Q40. A certain sum of money amounts to 3/2 of itself in 2 years applying simple interest. Find the rate of simple interest per annum.

(a) 25%
(b) 15%
(c) 16%
(d) 26%

YourMockTest.com — Free Study Material

Q41. The marked price of a cap is Rs. 2,000. Two successive discounts of 15% and x% are given. If the selling price is Rs. 1,275, then what is the value of x?

(a) 20%
(b) 22.5%
(c) 27.5%
(d) 25%

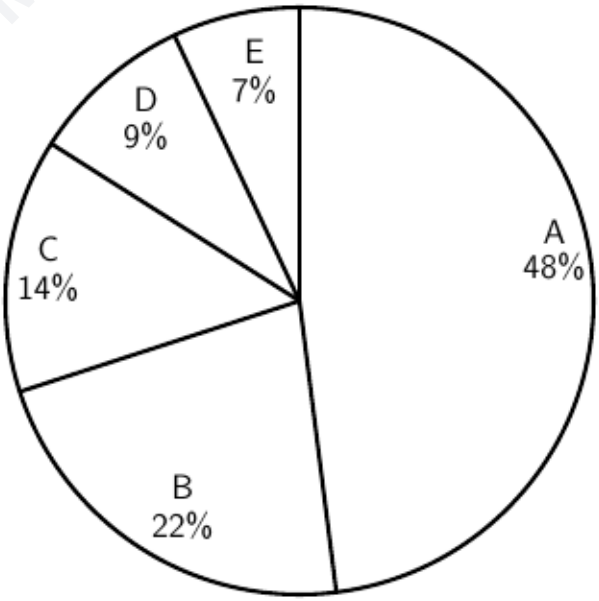
Q42. The average age of 9 girls is 16 years. The average age of 11 boys is 26 years. What is the average age of all these boys and girls taken together?

(a) 22 years
(b) 23 years
(c) 22.5 years
(d) 21.5 years

Q43. The ratio of the number of boys to the number of girls in a class is 2 : 5. If 10 boys leave the class and 20 new girls join the class, then the new ratio of boys and girls in the class becomes 4 : 25. What is the number of boys in the class now?

(a) 12
(b) 8
(c) 9
(d) 22

Q44. The given pie chart represents the distribution of the percentage of sales of a particular brand of a bike from five showrooms, A, B, C, D and E during 2021.



What is the central angle of the sector corresponding to the sales from showroom B?

(a) 56.7 °
(b) 52.8 °
(c) 79.2 °
(d) 72 .6 °

Q45. The difference between the compound interest and the simple interest on an amount of Rs. 1,500 for 2 years, at a given rate of interest per annum, is Rs. 60. What is the rate of interest per annum, if in the case of compound interest, the interest is compounded annually?

(a) 20%
(b) 15%
(c) 25%
(d) 12.5%

YourMockTest.com — Free Study Material

Q46. Anand wanted to sell a watch at a 10% profit, but he actually sold at a 10% loss for Rs. 360. At what price did he want to sell it to earn the profit?

(a) Rs. 360
(b) Rs. 400
(c) Rs. 340
(d) Rs. 440

Q47. Shreya hikes up a hill at 5 mph and comes down at 7 mph. If the total time taken for the two-way journey is 3 hours, what is the distance between the hilltop and the foothill?

(a) 8.75 miles
(b) 8 miles
(c) 9 miles
(d) 6.75 miles

Q48. In what ratio must a supplier mix two varieties of pulses costing Rs. 10 per kg and Rs. 30 per kg, respectively, so as to get a mixture worth Rs. 15 per kg?

(a) 3 : 1
(b) 4 : 5
(c) 2 : 3
(d) 1 : 2

Q49. The average age of 30 employees in an organisation is 25 years. If 2 new employees with an average age of 41 year join the organisation, then find the new average age of all the employees in the organisation.

(a) 26 years
(b) 25 years
(c) 23 years
(d) 24 years

Q50. The highest common factor and the least common multiple of two numbers are 12 and 120, respectively. If one of the numbers is 60, then what will be the other number?

(a) 12
(b) 18
(c) 20
(d) 24

GENERAL ENGLISH

Q51. Select the most appropriate option to fill in the blank.

Every time he tried to eat with a chopstick he failed to do_____.

(a) so
(b) it
(c) that
(d) this

Q52. Select the most appropriate synonym of the given word.

Eternity

(a) Moment
(b) Flash
(c) Purity
(d) Forever

YourMockTest.com — Free Study Material

Q53. Select the most appropriate option to fill in the blank.

The _____ for this distance will be ninety cents.

(a) flair
(b) flower
(c) fair
(d) fare

Q54. Select the option which has no spelling error.

The roll of the Union goverment is technical.

(a) The role of the Union goverment is tecnical.
(b) The rolle of the Union government is technnical.
(c) The role of the Unioun goverment is technical.
(d) The role of the Union government is technical.

Q55. Select the most appropriate ANTONYM of the given word.

Rational

(a) Illogical
(b) Polite
(c) Conscious
(d) Impatient

Q56. Select the option that can be used as a one-word substitute for the given group of words.

The life history of a person written by himself

(a) Fable
(b) Autobiography
(c) Manuscript
(d) Anecdote

Q57. Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select No improvement required'.

The books has become enormously popular with students who do not like to read.

(a) have become enormous
(b) No improvement required
(c) have became enormously
(d) have become enormously

Q58. Select the most appropriate ANTONYM of the given word.

Relentless

(a) Tenacious
(b) Determined
(c) Yielding
(d) Swarming

Q59. Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'.

Desert flowers bloom whenever it raining, and the sight can be rewarding.

(a) whenever it rains
(b) No improvement required
(c) when it rained
(d) when its raining

YourMockTest.com – Free Study Material

Q60. Parts of the following sentence have been given as options. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

The global pandemic remind us that even local censorship can have global consequences.

(a) can have global consequences
(b) The global pandemic remind us
(c) that even local censorship
(d) No error

Q61. Select the most appropriate option to fill in the blank.

_____ you don't want to sleep, then leave this room.

(a) As
(b) If
(c) So
(d) Whether

Q62. Select the most appropriate meaning of the given idiom.

Leave no stone unturned

(a) To act in a strange manner
(b) Make all possible efforts
(c) To get fired from the job
(d) Not willing to accept the ideas of others

Q63. Select the most appropriate option to fill in the blank.

It was raining heavily, that's why your father _____ at my place last night.

(a) delayed
(b) peddled
(c) stayed
(d) berated

Q64. The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

There is no denying / that our country is in / an major economic slump.

(a) that our country is in
(b) There is no denying
(c) an major economic slump
(d) No error

Q65. Select the most appropriate synonym of the underlined word in the given sentence.

They are perceptive observers of social groups.

(a) Conflicted
(b) Astute
(c) Imbecile
(d) Witless

Q66. Select the option that can be used as a one-word substitute for the given group of words.

An unconventional style of living

(a) Martyr
(b) Bohemian
(c) Stoic
(d) Cynic

YourMockTest.com — Free Study Material

Q67. Select the INCORRECTLY spelt word.

(a) Crater
(b) Mantle
(c) Volkano
(d) Earthquake

Q68. Select the most appropriate meaning of the given idiom.

A pipe dream

(a) An illusory plan
(b) A secret
(c) A realistic dream
(d) A clever strategy

Q69. Parts of the following sentence have been given as options. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

Telecom is one of Indias globally recognised success stories.

(a) recognised success stories
(b) Telecom is one of
(c) No error
(d) Indias globally

Q70. Select the option that can be used as a one-word substitute for the given group of words.

One who dislikes art and culture

(a) Expert
(b) Philistine
(c) Mercenary
(d) Professional

Directions

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Heat exhaustion can be a recreational hazard, (1)_____ for athletes playing sports outdoors (2)____ wearing heat-trapping clothing and gear when temperatures are high, (3)___ as the case in American football. Small studies (4)___ aimed to design more (5)_____ football uniforms.

Q71. Select the most appropriate option to fill in blank number 1.

(a) casually
(b) individually
(c) especially
(d) radically

Q72. Select the most appropriate option to fill in blank number 2.

(a) Since
(b) While
(c) Instead
(d) otherwise

Q73. Select the most appropriate option to fill in blank number 3.

(a) Rather
(b) So
(c) Such
(d) That

YourMockTest.com — Free Study Material

Q74. Select the most appropriate option to fill in blank number 4.

(a) Have
(b) Will
(c) Has
(d) Did

Q75. Select the most appropriate option to fill in blank number 5.

(a) wretched
(b) sheltered
(c) miserable
(d) breathable

GENERAL AWARENESS

Q76. What was the capital of the Satavahana Dynasty (60 BC - 225 AD)?

(a) Pratishthana
(b) Vidisha
(c) Patliputra
(d) Vanji

Q77. Which fundamental right provided in Indian Constitution prohibits traffic in human beings and forced labour?

(a) Right to freedom
(b) Right to constitutional remedies
(c) Right to equality
(d) Right against exploitation

Q78. Which of the following is an example of sedimentary rocks?

(a) Granite
(b) Sandstone
(c) Marble
(d) Basalt

Q79. Through the 42^(nd) Amendment, which of the following was inserted in the Indian Constitution?

(a) Fundamental Rights
(b) Appointment of Supreme court judges
(c) Citizenship
(d) Fundamental Duties

Q80. Who used the ancient texts to suggest that widows could remarry?

(a) Narayan Guru
(b) Pandita Ramabai
(c) Ishwar Chandra Vidyasagar
(d) Raja Ram Mohan Roy

Q81. In India, social groups which are most vulnerable to poverty are_____.

I. Scheduled Caste households
II. Scheduled Tribe households

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

YourMockTest.com — Free Study Material

Q82. Which of the following determines the colour, texture, chemical properties, mineral, content, and permeability of the soil?

(a) Parent rock
(b) Time
(c) Relief
(d) Climate

Q83. Name the ICC Women Cricketer of the year in 2021.

(a) Harmanpreet Kaur
(b) Mithali Raj
(c) Smriti Mandhana
(d) Jhulan Goswami

Q84. Which of the following are situated in the nucleus of a cell?

(a) Chromosome and genes
(b) Cytoplasm and chromosome
(c) Nucleolus and cytoplasm
(d) Protoplasm and chromosome

Q85. Which of the following is the state of origin of the Sattriya dance form?

(a) Uttar Pradesh
(b) Tamil Nadu
(c) Assam
(d) Manipur

Q86. In which state of India are Buddhist cave temples, Barabar Caves, located?

(a) West Bengal
(b) Sikkim
(c) Uttar Pradesh
(d) Bihar

Q87. Mando festival is related to which state of India?

(a) Jharkhand
(b) Karnataka
(c) Bihar
(d) Goa

Q88. As per Census 2011, which of the following is the correct range of population of India?

(a) 1.2-1.3 billion
(b) 0.5-0.6 billion
(c) 3.0-3.1 billion
(d) 2.0-2.1 billion

Q89. Bessie Award is a dance award given in which country?

(a) Germany
(b) Norway
(c) Australia
(d) USA

Q90. Indian Railways ferries which of the following commodities the most as per tonnage, as of April 2022?

(a) Cement
(b) Food grains
(c) Coal
(d) Steel

YourMockTest.com — Free Study Material

Q91. S Balachander is famous for playing the _____.

(a) sitar
(b) veena
(c) violin
(d) flute

Q92. Who is the author of the novel, God of Small Things?

(a) Vikram Seth
(b) Pankaj Mishra
(c) Kiran Desai
(d) Arundhati Roy

Q93. Which of the following statements is correct?

I. Rolling friction is greater than the sliding friction.
II. The frictional force exerted by fluids is called drag.

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

Q94. The tertiary sector of Indian Economy is related to _____.

(a) manufacturing sector
(b) agriculture and related sectors
(c) electricity and coal
(d) transport, communication and business/services

Q95. Rama is suffering from chickenpox. What type of disease is it?

(a) Fungal disease
(b) Hereditary disease
(c) Viral disease
(d) Bacterial disease

Q96. Which Indian movement was started to look into the problems of indigo planters in the year 1917?

(a) Champaran Satyagraha
(b) Non-Cooperation Movement
(c) Kheda Satyagraha
(d) Ahmedabad Mill Strike

Q97. Which of the following persons was a slave-generals of Alauddin Khalji (1296-1316 AD)?

(a) Malik Kafur
(b) Ulugh Khan
(c) Jauna Khan
(d) Nasiruddin Shah

Q98. Which country will host the 2022 Commonwealth Games?

(a) Australia
(b) Scotland
(c) Canada
(d) England

Q99. Which Ministry of the Government of India organised 'Gender Samwaad' in March 2022?

(a) Ministry of Panchayati Raj
(b) Ministry of Labour & Employment
(c) Ministry of Culture
(d) Ministry of Rural Development

YourMockTest.com — Free Study Material

Q100. Who was the first Indian captain to lift the International Cricket Council (ICC) Cricket World Cup?

(a) Virat Kohli
(b) MS Dhoni
(c) Mohinder Amarnath
(d) Kapil Dev

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
91 a	92 a	93 a	94 a	95 a	96 a	97 a	98 a	99 a	100 a

More previous year papers and mock tests: **www.yourmocktest.com/pyq**

YourMockTest.com — Free Study Material