SSC MTS Previous Year Paper (Held on: 26 July 2022 Shift 3)

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.

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GENERAL INTELLIGENCE & REASONING

Q1. Six people, Ambika, Charu, Riya, Ashi, Rahul and Ajay, are sitting in a straight row facing north (but not necessarily in the same order). Only two people sit between Rahul and Riya. Neither Ajay nor Riya is sitting at any of the corners. Ashi is sitting second to the left of Riya. Ajay and Charu are immediate neighbours. Who is sitting next to Ashi?

(a) Riya
(b) Ajay
(c) Ambika
(d) Rahul

Q2. Select the option in which the two numbers are related in the same way as are the numbers in the given number-pair.

40 : 19 :: ?

(a) 28 : 13
(b) 20 : 11
(c) 34 : 17
(d) 46 : 23

Q3. Among seven brothers, Aman, Bunty, Chintu, Deepak, Ishan, Hari and Golu, Bunty is taller than only four other brothers. Chintu is taller than Deepak. Aman is taller than Hari. Ishan is taller than only Golu, who is the shortest among all the brothers. Bunty is taller than Aman.

Given that no two brothers have the same height, who is the tallest among the seven brothers?

(a) Hari
(b) Aman
(c) Chintu
(d) Deepak

Q4. 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.

CA : GH :: TK : ?

(a) XR
(b) YR
(c) YS
(d) XS

Q5. In a certain code language, if star is called moon, moon is called planet, planet is called sun, sun is called solar system, and solar system is called galaxy, then what is the Earth's only natural satellite?

(a) Galaxy
(b) Sun
(c) Planet
(d) Moon

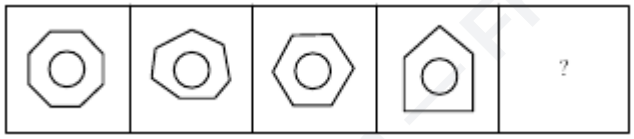
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Q6. Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

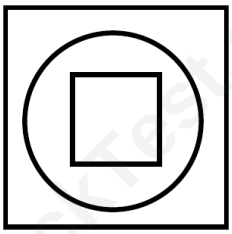
SON : TPO :: BRO : CSP :: BIL : ?

(a) CHM
(b) CJN
(c) CJM
(d) DJM

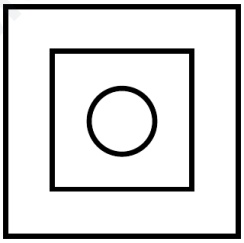
Q7. Select the figure from among the given options that can replace the question mark (?) in the following series.



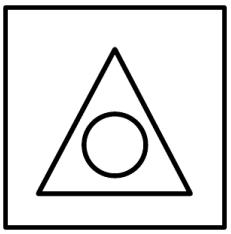
(a)



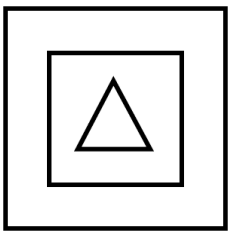
(b)



(c)



(d)



Q8. In a certain code language, 'GEAR' is coded as '16', 'ANT' is coded as '9' and 'HEART' is coded as '25'. How will 'TEAR' be coded in that language?

(a) 16
(b) 49
(c) 9
(d) 36

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Q9. Which two signs need to be interchanged to make the following equation correct?

72 − 12 + 8 × 6 ÷ 22 = 32

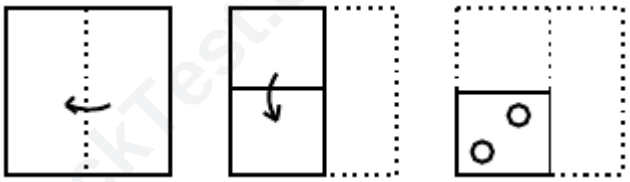
(a) • and ×
(b) • and +
(c) × and +
(d) • and ÷

Q10. What will be the value of the following expression, if '+' and '–' are interchanged and '×' and '÷' are interchanged?

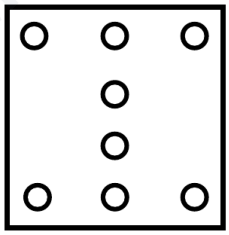
5 − 3 ÷ 8 × 12 + 4

(a) 2
(b) 3
(c) 14
(d) 42

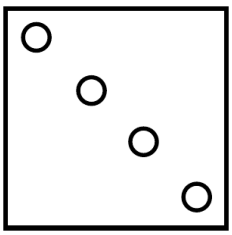
Q11. The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?



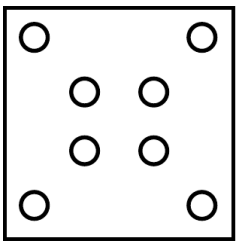
(a)



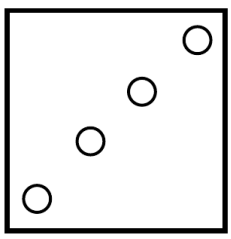
(b)



(c)



(d)

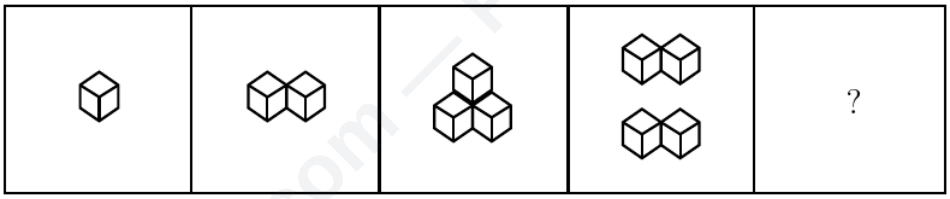


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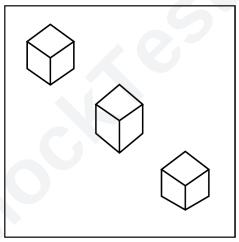
Q12. Six friends are sitting around a circular table facing the centre. Aman is sitting second right to Sneha. Tushar is immediate left to Sneha. Ritika is not the immediate neighbour of either Sneha or Tushar. Ritika is sitting second right to Prerna. Sharique is sitting in between Ritika and Tushar. Who is is the immediate neighbour of both Tushar and Prerna?

(a) Ritika
(b) Sharique
(c) Aman
(d) Sneha

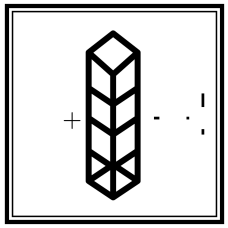
Q13. Select the figure that will come next in the following figure series.



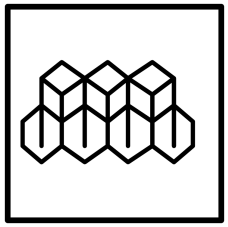
(a)



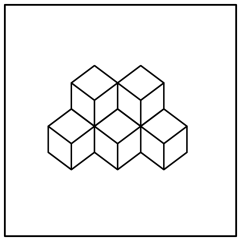
(b)



(c)



(d)



Q14. Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

39 : 72 :: 217 : 428 :: 135 : ?

(a) 153
(b) 137

(c) 264
(d) 298

Q15. In a certain code language, 'HALT' is written as 'SZOG', and 'CROM' is written as 'XILN'. How will 'PIGY' be written in that language?
(a) KRBT
(b) KSBT
(c) KRTB
(d) KSTB

Q16. 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. No B is L.

II. No C is B.

Conclusions:

I. Some L are C.

II. Some B are C.

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

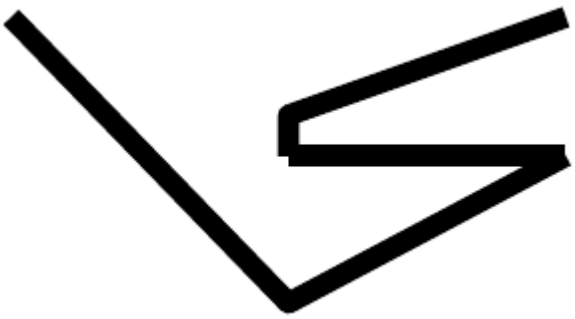
Q17. Select the number from among the given options that can replace the question mark (?) in the following series.

21, 23, 20, 22, 19, 21, ?

(a) 17
(b) 18
(c) 23
(d) 22

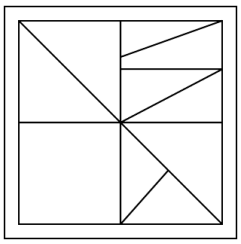
Q18. In a certain code language, 'RARE' is written as '2' and 'CAT' is written as '1'. How will 'RICKSAW' be written in that language?
(a) 4
(b) 2
(c) 3
(d) 8

Q19. Select the option in which the given figure is embedded.(Rotation is not allowed)

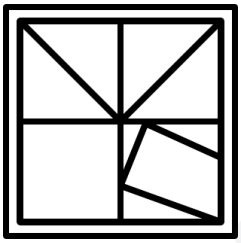


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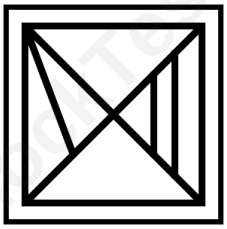
(a)



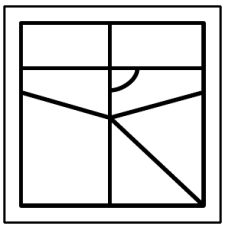
(b)



(c)



(d)



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

PC, NA, LY, JW, ?

(a) HU
(b) IU
(c) IV
(d) HV

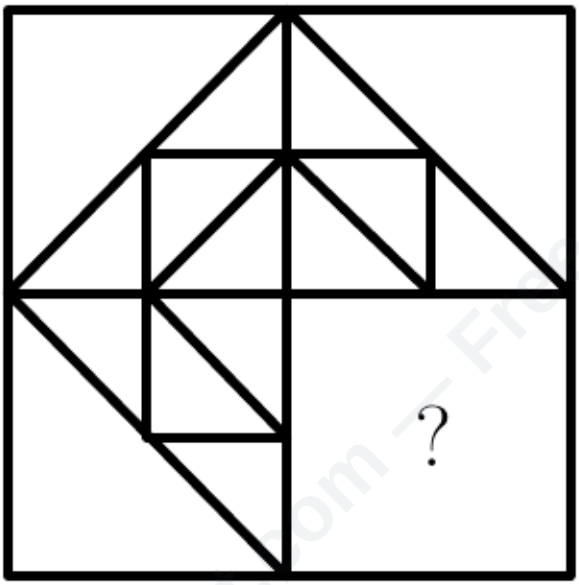
Q21. Select the option that is related to the fifth term in the same way as the second term is related to the first term and the fourth term is related to the third term.

VIOLET : WUJHPNMKFDUS :: RING : SQJHOMHF :: NEED : ?

(a) OMFDFDEC
(b) CEDFFDMO
(c) NEEDDEEN
(d) ONFEFEED

Q22. Select the figure from the options that can replace the question mark (?) and complete the pattern.

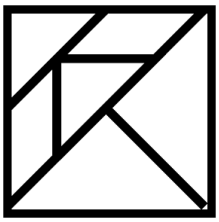
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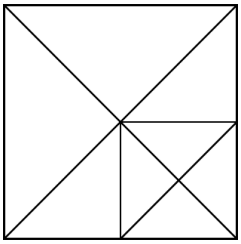
(a)



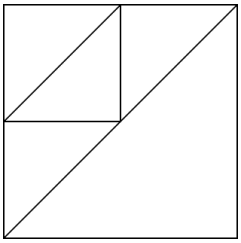
(b)



(c)

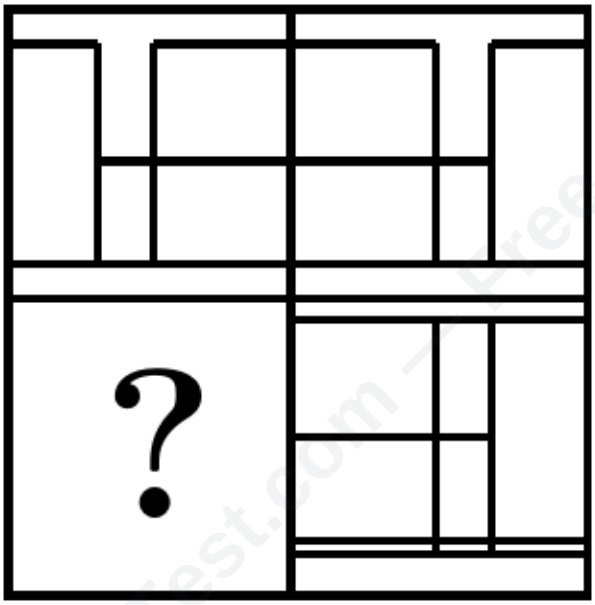


(d)

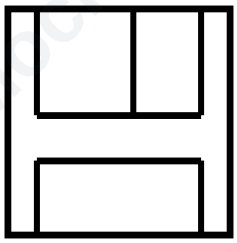


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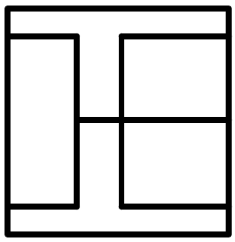
Q23. Select the figure from the options that can replace the question mark (?) and complete the pattern (rotation is not allowed).



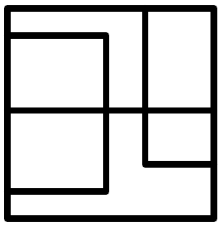
(a)



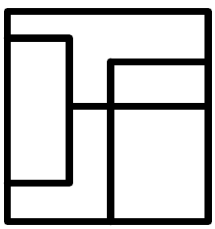
(b)



(c)



(d)



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Q24. Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

3678 : 3747 :: 1052 : 1121 :: 96 : ?

(a) 1025
(b) 822
(c) 165
(d) 467

Q25. 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:

Some fans are bulbs.

Some bulbs are tube lights.

Some tube lights are coolers.

Conclusions:

I. Some fans are coolers.

II. Some tube lights are fans.

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

NUMERICAL APTITUDE

Q26. A car travels 120 km in 4 hours. Calculate its average speed in m/sec. [Give your answer correct to one decimal place.]

(a) 8.3 m/s
(b) 10.3 m/s
(c) 3.8 m/s
(d) 9.3 m/s

Q27. If the mean of five numbers 1, 2, 3, 5, and x is 2.4, then find the value of x.

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

Q28. The ratio of the salaries of Abhi and Monu is 6 : 11. If their salaries are increased by 10 per cent and 12 per cent, respectively, then what will be the new ratio of their salaries?

(a) 12 : 13
(b) 5 : 3
(c) 17 : 23
(d) 15 : 28

Q29. If 256, K, 81 are in proportion, and K is positive, then what is the value of K?

(a) 156
(b) 126
(c) 144
(d) 164

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Q30. What is the value of 5/11 of 3/7+7/11×55/21-8/22÷16/33 ?

(a) 1088/927
(b) 1027/924
(c) 1811/956
(d) 1029/945

Q31. The radius of a sphere is 14 cm. What is the surface area of this sphere? [Use π = 22/7]

(a) 2464 cm²
(b) 1232 cm²
(c) 1848 cm²
(d) 616 cm²

Q32. What is the increase in the volume of a cube of 1 unit edge if each of its edges is tripled?

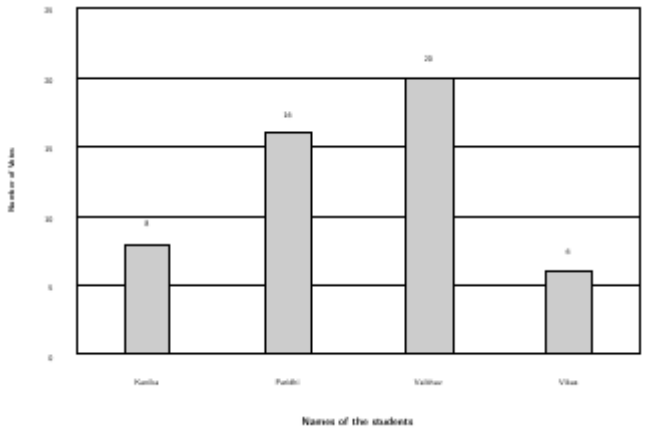
(a) 26 cu units
(b) 29 cu units
(c) 28 cu units
(d) 27 cu units

Q33. A shopkeeper sold 24 shirts, each at a profit of 20% and 16 shirts, each at a profit of 10%. If he had sold all the 40 shirts, each at a profit of 15%, then his overall profit would have been reduced by Rs. 36. What is the cost price of each shirt?

(a) Rs. 100
(b) Rs. 220
(c) Rs. 90
(d) Rs. 150

Q34. Study the given bar-graph and answer the question that follows.

The bar-graph represents the voting for class monitor in class 9.



In percentage figures how many more votes did Vaibhav get than Paridhi?

(a) 20 per cent
(b) 25 per cent
(c) 10 per cent
(d) 4 per cent

Q35. What is the value of x in the following equation?

12.50 ÷ 0.005 + 25 ÷ 0.5 + 5 = x

(a) 2555
(b) 2005
(c) 2000
(d) 2050

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Q36. Study the given table and answer the question that follows.

The table shows the number of copies of a book sold by seven different shops on a particular day.

Shops	Copies sold of the book
S1	42
S2	38
S3	61
S4	39
S5	51
S6	59
S7	60

The cost of each copy of the book is Rs. 70. What is the total cost of all the copies of the book that got sold on that day from all these seven shops taken together?

(a) Rs. 30,500
(b) Rs. 21,500
(c) Rs. 24,500
(d) Rs. 27,500

Q37. If 2 : x :: 4 : 28, then find the value of x.

(a) 15
(b) 12
(c) 13
(d) 14

Q38. A girl goes from M to N at a speed of 25 km/h and returns to M at a speed of 37.5 km/h, via the same route. What is the girl's average speed (in km/h)?

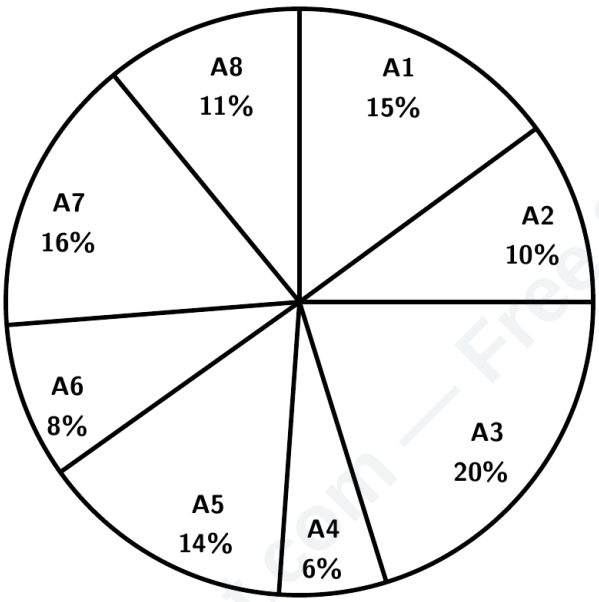
(a) 30
(b) 32
(c) 31.25
(d) 27.5

Q39. X sold a toy to Y at a profit of 50% and Y sold it Z at a loss of 50%. If X purchased this toy for Rs. 12,000, then at what price did Z purchase this toy from Y?

(a) Rs. 7,580
(b) Rs. 8,500
(c) Rs. 8,000
(d) Rs. 9,000

Q40. The pie chart given below shows the number of pens sold by each of 8 different shops in a month as a percentage of the total number of pens sold by these 8 shops taken together in that month.

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What will be the sum of the central angles made by the sectors A1 and A4?

(a) 75.6°
(b) 59.6°
(c) 84.4°
(d) 68.2°

Q41. The average marks of a student in six subjects was initially 110. After re-evaluation, in one subject the marks obtained was reduced from 148 to 112, while in the rest of the subjects the marks remained unchanged. What is the new average marks?

(a) 102
(b) 108
(c) 106
(d) 104

Q42. 12 men can weave 20 shawls in 9 days. How many men will be required to weave 25 shawls in 27 days?

(a) 3
(b) 5
(c) 4
(d) 6

Q43. 15 men can do a work in 15 days working 8 hours a day. N men can do twice the work in 20 days working 10 hours a day. What is the value of N?

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

Q44. If.an item whose marked price is Rs. 1,000 is sold after two successive discounts of 10% and 15%, then find the price at which the item is sold.

(a) Rs. 775
(b) Rs. 745
(c) Rs. 755
(d) Rs. 765

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Q45. In an election between 2 candidates, the winning candidate got 55% of the valid votes. 5% of the total votes were invalid. If the total number of votes polled were 10000, then how many votes were obtained by the losing candidate?

(a) 4425
(b) 4625
(c) 4550
(d) 4275

Q46. Find the smallest natural number 'x' that must be subtracted from 1800 so that (1800 - x), when divided by 7, 11 and 23, will leave 5 as the remainder in each case.

(a) 24
(b) 25
(c) 26
(d) 20

Q47. A train can completely cross a 1000-metre long bridge in 15 seconds. It can completely cross another 1300-metre long bridge in 19 seconds. What is the length of the train?

(a) 125 metres
(b) 200 metres
(c) 150 metres
(d) 175 metres

Q48. If the price of a washing machine is first increased by 25% and then decreased by 25%, then the net change in price will be a:

(a) 6.5% increase
(b) 6.5% decrease
(c) 6.25% decrease
(d) 6.25% increase

Q49. The length of a rope, by which a calf is tied, is decreased from 9 m to 5 m. Find the decrease in the area that can be grazed by the calf. [Use $\pi = 22/7$]

(a) 112 m^2
(b) 154 m^2
(c) 122 m^2
(d) 176 m^2

Q50. A sum of money, when invested at the rate of 6.25% simple interest per annum, amounts to 11/8 times of itself in 'n' years. What is the value of 'n'?

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

GENERAL ENGLISH

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

I _____ walked down the stairs, careful to be as quiet as possible.

(a) furiously
(b) neatly
(c) orderly
(d) cautiously

Q52. 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.

I am looking forward / to meets you / at the convocation party.

(a) to meets you

(b) at the convocation party
(c) I am looking forward
(d) No error

Q53. Select the most appropriate ANTONYM of the given word.

Escalate

(a) Attack
(b) Pretend
(c) Plunge
(d) Employ

Q54. Select the most appropriate option to fill in the blank.

Most natural diamonds have some type of_____.

(a) flow
(b) flaw
(c) flour
(d) floor

Q55. Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'.

The eggs are warm into a suitable temperature for the larvae to hatch from eggs.

(a) No improvement required
(b) are warmed for
(c) are warmed to
(d) is warmed at

Q56. Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

Peterkin readjusted his hat and soon was listening to the conversation with as much interest as I was.

(a) so many interest
(b) so much interest
(c) as many interest
(d) No substitution required

Q57. Select the most appropriate synonym of the given word.

Delighted

(a) Disliked
(b) Unsuited
(c) Joyful
(d) Coarse

Q58. Select the most appropriate option to fill in the blank.

It was the last _____ of the puzzle.

(a) priest
(b) pique
(c) piece
(d) peace

Q59. Select the most appropriate option to fill in the blank.

My father _____ home last week.

(a) go
(b) gone
(c) has gone
(d) went

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Q60. Select the option that can be used as a one-word substitute for the given group of words.

A collection of selected writings of various authors

(a) Trilogy
(b) Sequel
(c) Anthology
(d) Etymology

Q61. Select the correctly spelt word.

(a) Exeacutve
(b) Exacutive
(c) Exicutive
(d) Executive

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

By hook or by crook

(a) By a narrow margin
(b) By any means
(c) By default
(d) By mistake

Q63. Select the option that corrects the incorrectly spelt words in the given sentence.

Her expresion grew blaend again.

(a) Her expression grew bland again.
(b) Her expression grew blend again.
(c) Her expression grew blaend again.
(d) Her expretion grew blaned again.

Q64. Select the most appropriate option to fill in the blank.

It’s not possible to _____ this house in this amount.

(a) astonish
(b) console
(c) bleat
(d) renovate

Q65. 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.

Soon or later, our efforts will be rewarded.

(a) be rewarded
(b) Soon or later
(c) our efforts will
(d) No error

Q66. Select the most appropriate meaning of the given idiom.

Bolt from the blue

(a) To receive unexpected news
(b) To get good news
(c) To win a large sum of money
(d) To get lucky

Q67. 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.

I have not saw / your sister since she / came to this city.

(a) I have not saw
(b) No error

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(c) your sister since she
(d) came to this city

Q68. Select the option that can be used as a one-word substitute for the given group of words.

A short story with a moral

(a) Memoir
(b) Parable
(c) Biography
(d) Axiom

Q69. Select the most appropriate synonym of the given word.

Imitate

(a) Surrender
(b) Copy
(c) Imagine
(d) Invent

Q70. Select the most appropriate ANTONYM of the given word.

Variety

(a) Similarity
(b) Fusion
(c) Diversity
(d) Medley

Directions

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

Every now and then there are going to be bad days, tough days, moods swings and all things nasty that may put a (1) ____ on our happy days. At any given moment, however, we are the ones who can make a (2)__ between letting these things get in the way or pushing them right out by (3) __ time in things or people (4) __ make us happy. I've had this list of things that has made me happy for years now. I made it back in college to help me deal with some difficult times that I faced then. Even today, every now and then when things go (5) ____ I always go back to this, and one or more things listed here always lights me up!

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

(a) makeup
(b) smile
(c) marker
(d) damper

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

(a) choice
(b) difference
(c) gap
(d) bridge

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

(a) investing
(b) spending
(c) expanding
(d) spreading

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

(a) which
(b) whom
(c) who

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(d) where

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

(a) wrong
(b) slow
(c) right
(d) fast

GENERAL AWARENESS

Q76. What is the duration of a football match (in regular time)?

(a) 90 minutes
(b) 80 minutes
(c) 70 minutes
(d) 60 minutes

Q77. What is the total number of periods and groups in the Modern Periodic Table?

(a) Period : 9 Group: 7
(b) Period : 18 Group: 7
(c) Period : 7 Group: 9
(d) Period: 7 Group: 18

Q78. In which year did India win its first International Cricket Council(ICC) ODI World Cup?

(a) 2011
(b) 1983
(c) 2007
(d) 1992

Q79. Bhagwant Mann became the Chief Minister of _____ in March 2022.

(a) Himachal Pradesh
(b) Haryana
(c) Delhi
(d) Punjab

Q80. Sayyid Ahmed Khan founded Mohammedan Anglo-Oriental College in _____ in 1875.

(a) Aligarh
(b) Calcutta
(c) Delhi
(d) Lahore

Q81. Vedantam Satyanarayana Sarma is known for which classical dance form?

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

Q82. The revenue system of Mughal period during Akbar's reign was called _____.

(a) Iqta
(b) Zabt
(c) Ghari
(d) Charai

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Q83. The Government of India flagship scheme called UJALA completed 7 years in January 2022. Under this scheme the Ministry of Power distributed _____.

(a) electric fans
(b) air conditioners
(c) LED bulbs
(d) fluorescent lamps

Q84. Which of the following is a neighbouring country of India?

(a) Australia
(b) Iran
(c) Russia
(d) Maldives

Q85. The deficiency of which of the following vitamins causes Pellagra?

(a) B1
(b) B5
(c) B3
(d) B2

Q86. The Deccan festival is a five-day long festival which reflects the culture of the Deccan. The festival is associated with which state?

(a) Kerala
(b) Karnataka
(c) Maharashtra
(d) Andhra Pradesh

Q87. Which Fundamental Right was removed by the Forty-fourth Constitutional Amendment Act?

(a) Protection of interests of minorities
(b) Compulsory acquisition of property
(c) Abolition of titles
(d) Right to education

Q88. The Constitution of India has given power to the Supreme court to issue certain writs. How many types of these writs are mentioned in the constitution?

(a) Four
(b) Five
(c) Two
(d) Six

Q89. Sri Harmandir Sahib is situated in which city of Punjab?

(a) Bathinda
(b) Amritsar
(c) Kapurthala
(d) Patiala

Q90. Which of the following books was written by Indian author RK Narayan?

(a) The White Tiger
(b) Think Like a Monk
(c) The Shadow Lines
(d) Malgudi Days

Q91. Who among the following is referred to as ‘Prince of Bhangra’, due to his Bhangra music?

(a) Diljit Dosanjh
(b) Sukhbir Singh
(c) Arijit Singh

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(d) Shaan

Q92. Through which of the following states does the Brahmaputra river enter India?

(a) Punjab
(b) Manipur
(c) Assam
(d) Arunachal Pradesh

Q93. Which of the following is also known as ‘New Stone Age’ in the civilisation history of India?

(a) Epipaleolithic
(b) Mesolithic
(c) Paleolithic
(d) Neolithic

Q94. Mushroom rocks are formed due to _____.

(a) glacial deposition
(b) deposition of sea waves
(c) running water erosion
(d) wind erosion

Q95. Angiosperms are divided into _____ groups on the basis of the number of cotyledons present in the seed.

(a) Two
(b) Four
(c) Five
(d) Three

Q96. _____ is a type of mask dance that tells mythological stories via ferocious martial moves, popular in Odisha.

(a) Paika
(b) Danda-Jatra
(c) Chhau
(d) Jhumar

Q97. Which tax slab is applied in India if Individual taxpayer’s annual taxable income is more than Rs. 15 lakh?

(a) 20%
(b) 30%
(c) 10%
(d) 40%

Q98. Tea cultivation is an example of which type of agriculture system?

(a) Mixed agriculture
(b) Plantation agriculture
(c) Mediterranean agriculture
(d) Shifting agriculture

Q99. Who among the following British Viceroys partitioned Bengal in 1905?

(a) Lord Lytton
(b) Lord Hardinge
(c) Lord Curzon
(d) Lord Irwin

Q100. As per Census 2011, which of the following states of India has the highest population?

(a) Uttar Pradesh
(b) Tamil Nadu
(c) Bihar
(d) Chhattisgarh

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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

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