SSC MTS Previous Year Paper (Held on: 7 Oct 2021 Shift 3)

SSC Multi-Tasking Staff (MTS) • 2021 • 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 ENGLISH

Q1. 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'.

I rang up an old friend of mine but she doesn't pick out the phone.

(a) didn't pick up
(b) No substitution required
(c) wasn't picked up
(d) isn't pick out

Q2. Select the word which means the same as the group of words given.

Fear of closed spaces

(a) Aquaphobia
(b) Claustrophobia
(c) Agoraphobia
(d) Acrophobia

Q3. Identify the segment in the sentence which contains a grammatical error.

Since India has started doing well in hockey it had once again become a popular sport.

(a) it had once again
(b) doing well
(c) become a popular sport
(d) Since India

Q4. Select the most appropriate ANTONYM of the given word.

FRIEND

(a) Helper
(b) Foe
(c) Companion
(d) Partner

Q5. Select the INCORRECTLY spelt word.

(a) Approachable
(b) Amiable
(c) Amanable
(d) Amicable

Q6. Select the most appropriate ANTONYM of the given word.

CLEAR

(a) Black
(b) Clean
(c) Murky
(d) White

Q7. Select the most appropriate option to substitute the underlined segments in the given sentence. If there is no need to substitute them, select 'No substitution required'.

The lockdowns has give many parents and grandparents the opportunity to share some of my nostalgic memories with their children and grandchildren.

(a) have given; of their
(b) have given; of her
(c) had gave; of his
(d) No substitution required

Q8. Identify the segment in the sentence which contains a grammatical error.

There was many people who voted for him.

(a) who voted
(b) for him
(c) many people
(d) There was

Q9. Select the most appropriate word to fill in the blank.

In India, people of all religions and castes live together and they are_____ in spite of cultural differences.

(a) learned
(b) united
(c) confused
(d) shared

Q10. Select the most appropriate word to fill in the blank.

Remember that where there is a_____ there is a way.

(a) Will
(b) willed
(c) willing
(d) wills

Q11. Select the most appropriate meaning of the given idiom.

How time flies!

(a) Difficult to pass time
(b) Time seems to stay still
(c) A clock going very fast
(d) Time seems to move quickly

Q12. Select the most appropriate meaning of the given idiom.

Raining cats and dogs

(a) Raining very heavily
(b) Having lots of pets around you
(c) Facing light rain and wind
(d) Worried about cats and dogs

Q13. Select the word which means the same as the group of words given.

One who leaves one's country to settle in another

(a) Citizen
(b) Emigrant
(c) Immigrant
(d) Foreigner

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Q14. Select the most appropriate synonym of the given word.

FOWL

(a) Mistake
(b) Dirty
(c) Bird
(d) Unfair

Q15. Select the most appropriate synonym of the given word.

ICONIC

(a) General
(b) Unimportant
(c) Exemplary
(d) Manageable

Q16. Identify the segment in the sentence which contains a grammatical error.

Sumit has decided to brought his car for the picnic

(a) has decided
(b) to brought
(c) for the picnic
(d) his car

Q17. Select the INCORRECTLY spelt word.

(a) Fabulus
(b) Farther
(c) Fasting
(d) Further

Q18. Select the most appropriate word to fill in the blank.

Going by the current pace of work, I _____ think this will finish by Sunday.

(a) shan't
(b) don't
(c) won't
(d) couldn't

Q19. Select the most appropriate word to fill in the blank.

The teacher was very_____. She never let anyone play pranks in her class.

(a) happy
(b) lenient
(c) jovial
(d) strict

Q20. 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:

People are slowly returning to their normal routine after opening up of the lockdown.

(a) closing
(b) No substitution required
(c) opening down
(d) closing up

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 blank.

A computer programmer, sometimes (1)___ software developer, a programmer or more recently a coder, (2)_ a person who creates computer software. The term 'computer programmer' can (3) to a specialist in the area of computers, or to a generalist

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(4)_ writes codes for many kinds of software. Some programmers who (5)___ web programming languages add a prefix, a suffix, or both to every page's title.

Q21. select the most appropriate option to fill in blank no. 1.

(a) accepted
(b) called
(c) said
(d) known

Q22. Select the most appropriate option to fill in blank no. 2.

(a) is
(b) was
(c) has
(d) were

Q23. Select the most appropriate option to fill in blank no. 3.

(a) mean
(b) specify
(c) refer
(d) know

Q24. Select the most appropriate option to fill in blank no. 4.

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

Q25. Select the most appropriate option to fill in blank no. 5.

(a) study with
(b) work with
(c) work of
(d) display at

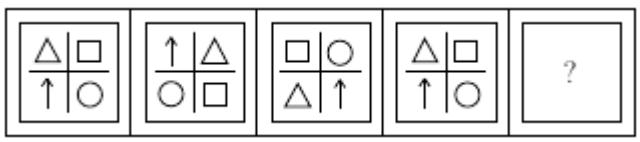
GENERAL INTELLIGENCE & REASONING

Q26. P, Q, R, S, T, U and V are standing in a queue.

i. T is just behind P.
ii. V is just in front of Q, who is not the last person.
iii. S is between P and R.
iv. There is one person between T and Q.
Who is the last person in the queue?

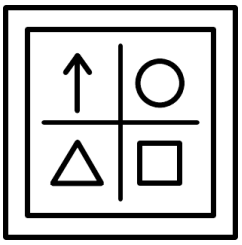
(a) T
(b) S
(c) Q
(d) U

Q27. Which figure will replace the question mark (?) in the following figure series?

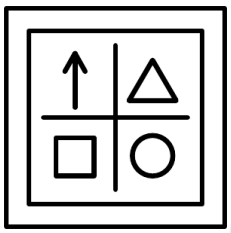


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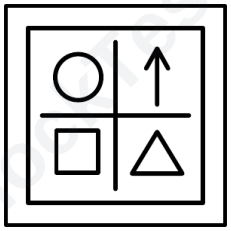
(a)



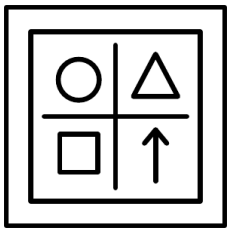
(b)



(c)



(d)



Q28. Four girls A, B, C and D, and four boys P Q, R and S, are sitting around a round table facing the centre.

i. No two girls or boys are sitting next to each other.

ii. Q is sitting to the immediate left of B.

iii. S is sitting between A and D and is facing R.

Who is sitting between P and R?

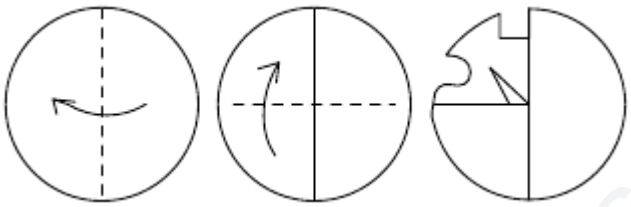
(a) A
(b) D
(c) B
(d) C

Q29. As 'Cataract' is related to 'Ophthalmology', in the same way 'Neurosis' is related to '_____'.

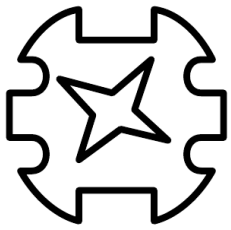
(a) Sociology
(b) Biology
(c) Neurology
(d) Psychology

Q30. The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the figures below. How would the paper look when unfolded?

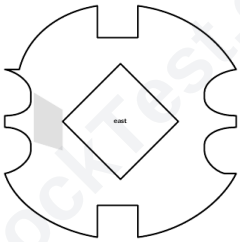
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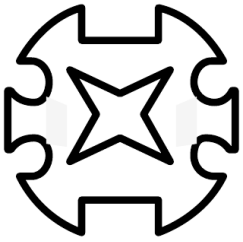
(a)



(b)



(c)



(d)



Q31. If NATURE is coded as MCQYMK, then how would CREST be coded?

(a) CPHOY
(b) BTBWO
(c) BTBOY
(d) BTHKO

Q32. If PAYMENT is coded as 7174552, then how would YOUNGER be coded?

(a) 7153540
(b) 2121751
(c) 7635759
(d) 5514758

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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.

SPIKE : QRHDL :: JINGO : ?

(a) JIMNH
(b) HKOPF
(c) KLMNE
(d) MNHIJ

Q34. Which two signs should be interchanged to make the given equation correct?

8 + 6 × 4 ÷ 2 - 10 = 6

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

Q35. Three statements are followed by three conclusions numbered I, II and III. Assuming the statements to be true even if they do not conform to real-world knowledge, decide which of the conclusion(s) logically follows/follow from the statements.

Statements

1. All managers are employees.
2. All seniors are managers.
3. Some seniors are pensioners.

Conclusions:

I. Some pensioners are employees.

II. Some managers are pensioners.

III. All employees are seniors.

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

Q36. Seven different coloured books are kept one after the other.

i. The RED book is just on the top of the ORANGE book.

ii. The BLUE book is between the GREEN and the YELLOW books.

iii. The VIOLET book is between the GREEN and the BLACK books.

iv. There are as many books between the GREEN and the RED books as there are between the BLACK and the BLUE books.

If the YELLOW book is on the top, which book is exactly in the middle?

(a) GREEN
(b) RED
(c) VIOLET
(d) ORANGE

Q37. Which number will replace the question mark (?) in the following number series?

3, 7, 22, 45, 136, ?, 820

(a) 273
(b) 409
(c) 517
(d) 293

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Q38. If PEARS is coded as 101 and CAT is coded as 49, then how would MEAL be coded?

(a) 31
(b) 73
(c) 63
(d) 77

Q39. Select the number-pair in which the two numbers are related in the same way as the two numbers of the pair given below.

11 : 72

(a) 9 : 48
(b) 3 : 7
(c) 15 : 95
(d) 7 : 32

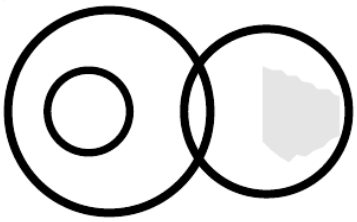
Q40. 'Water' is related to 'Filter' in the same way as 'Film' is related to '_____'.

(a) Casting
(b) Producer
(c) Director
(d) Censor

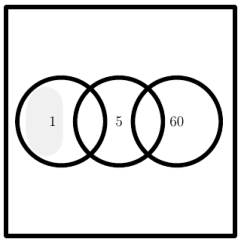
Q41. Select the Venn diagram that best illustrates the relationship among the following classes.

Females, Relatives, Uncles

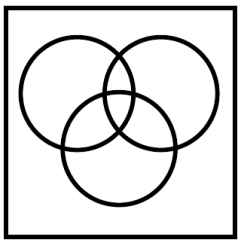
(a)



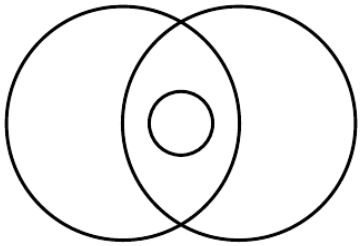
(b)



(c)



(d)



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Q42. Two statements are followed by two conclusions numbered | and II. Assuming the statements to be true even if they do not conform to real-world knowledge, decide which of the conclusion(s) logically follows/follow from the statements.

Statements:

1. All hostels are buildings.

2. Some buildings are palaces.

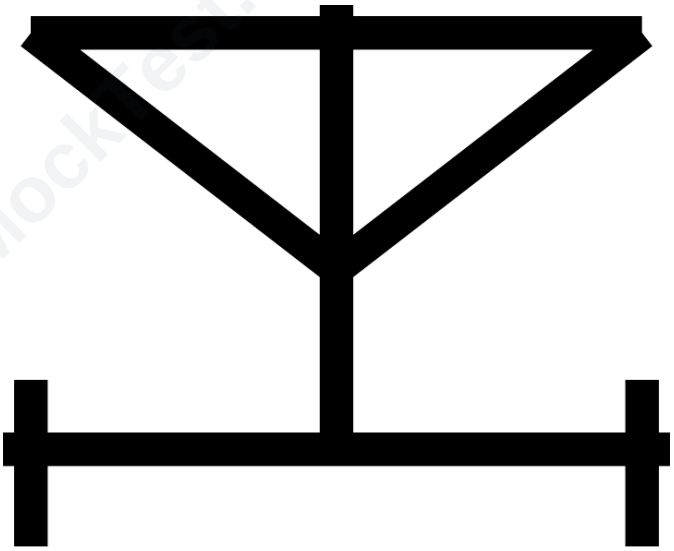
Conclusions:

I. Some palaces are hostels.

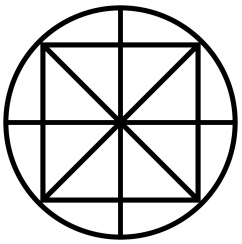
II. No palace is a hostel.

(a) Only conclusion II follows
(b) Both conclusions I and II follow
(c) Only conclusion I follows
(d) Either conclusion I or II follows

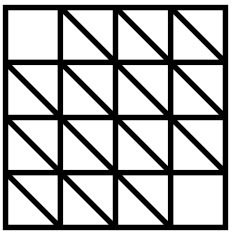
Q43. Select the option in which the given figure is embedded (rotation is NOT allowed).



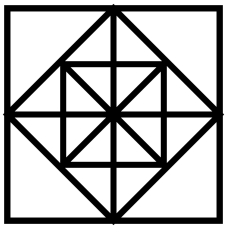
(a)



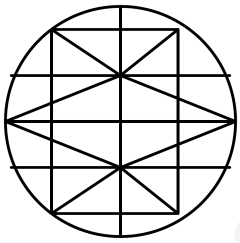
(b)



(c)



(d)



Q44. Which letter-cluster will replace the question mark (?) in the following series?

BDF, HKN, PRT, VYB, DFH, ?

(a) KNQ
(b) JMP
(c) JLN
(d) JLK

Q45. Choose the set of numbers that is similar to the following set.

{12, 18, 6}

(a) {18, 9, 8}
(b) {9, 14, 11}
(c) {15, 13, 11}
(d) {16, 12, 8}

Q46. If the signs - and + are interchanged, then which of the following equations would be correct?

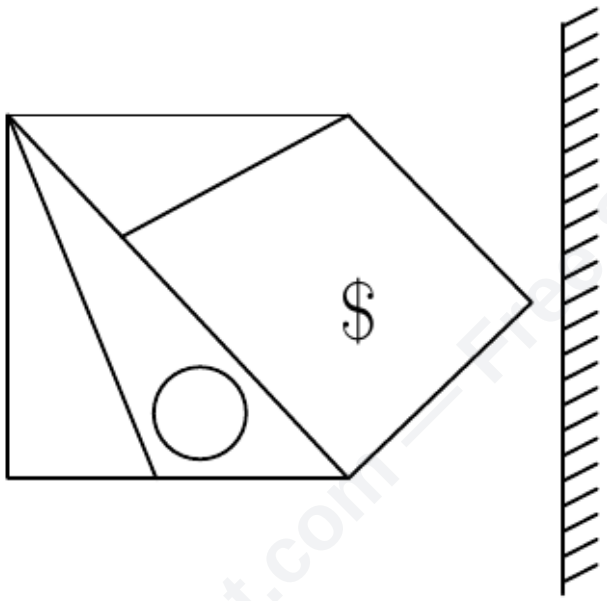
(a) 10 ÷ 5 - 10 + 5 = 8
(b) 9 - 6 × 2 + 8 = 11
(c) 12 + 3 × 2 - 4 = 10
(d) 7 × 3 + 9 - 6 = 17

Q47. If HOARDING is coded as NGQZHCFM, then how would TREATISE be coded?

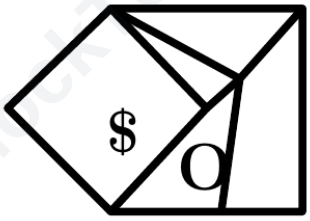
(a) QSZDHSDR
(b) DQSHSZDR
(c) QSSHDZRD
(d) SUBRJUET

Q48. Select the mirror image of the figure, when the mirror is placed on the right side of the figure.

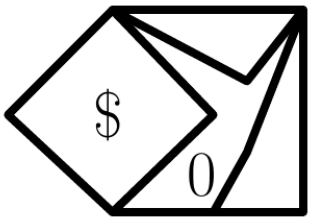
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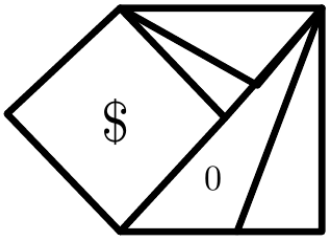
(a)



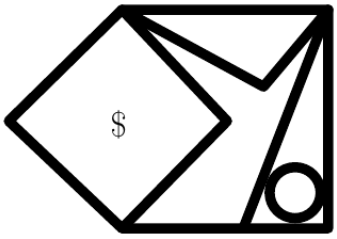
(b)



(c)

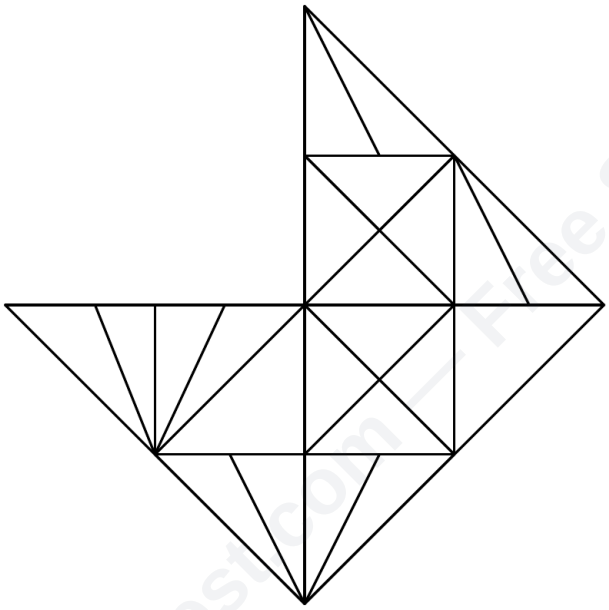


(d)

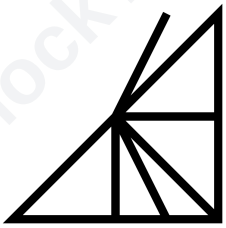


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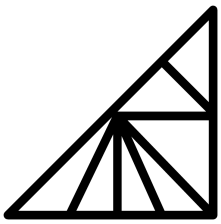
Q49. Select the option figure, which when placed in the blank space of the figure marked 'X', would complete the pattern.



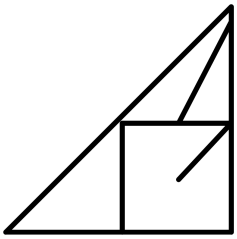
(a)



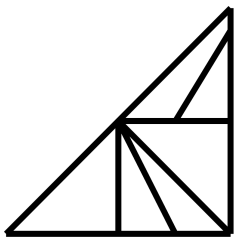
(b)



(c)



(d)



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Q50. Which number will replace the question mark (?) in the following number series?

2, 3, 6, 10, 17, ?

(a) 28
(b) 25
(c) 27
(d) 30

NUMERICAL APTITUDE

Q51. The total number of students in class A and B is 72. The number of students in A is 40% more than that in B. The average marks of students in B are 50% more than that of students in A. If the average marks of all the students in A and B are 58, then what are the average marks of students in A?

(a) 58
(b) 50
(c) 48
(d) 72

Q52. If the annual rate of simple interest increases from 8% to 121/2 %, a person's yearly income increased by Rs. 639. The principal amount (in Rs) is:

(a) 8,200
(b) 14,200
(c) 12,500
(d) 11,250

Q53. A raw data is in ascending order, i.e. 3, 4, 7, x, x + 1, 12, 13, 15. If the median of This data is 9.5, then x is equal to:

(a) 7.5
(b) 9
(c) 8
(d) 8.5

Q54. The ratio of the speeds of two trains is 5 : 8. If the second train runs 600 km in 4 hours, then the speed of the first train (in km/h) is:

(a) 37.75
(b) 62.5
(c) 25.5
(d) 93.75

Q55. (3/7+12/3× 6 - (3 1/2÷ 3/5 of 7/9) of 2/3)/(1/7 (4 ÷ 1/5 of 10)-3)

(a) 2
(b) -71/57
(c) -2
(d) -38

Q56. A sum of money is distributed among P, Q, R and S in the ratio 3 : 4 : 5 : 6, respectively. If R gets Rs. 500 more than P, then the sum of all their shares (in Rs) is:

(a) 5000
(b) 7,500
(c) 4,500
(d) 6,000

Q57. The sum of the cost prices of two bikes is Rs. 50,000. The first bike was sold at a profit of 20% and second bike at a loss of 20%. If the selling prices are the same, what is the cost price (in Rs) of the second bike?

(a) 20,000
(b) 27,500
(c) 25,000

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(d) 30,000

Q58. If the length of a rectangle is increased by 40%, what would be the percentage decrease (correct to one place of decimal) in the width to maintain the same area?

(a) 33.5%
(b) 42.5%
(c) 28.6%
(d) 37.5%

Q59. There are three positive numbers. If the average of any two of them is added to the third number, the resulting sums are 154, 148 and 132. The sum of the original three numbers is:

(a) 222
(b) 246
(c) 217
(d) 231

Q60. A sum of money doubled itself at a certain rate of compound interest in 10 years. In how many years will it become eight times?

(a) 30
(b) 15
(c) 45
(d) 25

Q61. When x is subtracted from each of 21, 22, 60, and 64, the numbers so obtained in this order are in proportion. What is the mean proportional between (x + 4) and (x/2 - 1)?

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

Q62. The marked price of an article is Rs. 5,450. If a person earns a profit of 15% after allowing a discount of 15%, then the cost price (in Rs) (correct to the nearest integer) of the article is:

(a) 4,189
(b) 4,028
(c) 4,498
(d) 4,289

Q63. The ratio of boys and girls in a school is 35 : 39. If the average of boys and girls in the school is 740, then the number of boys in the school is:

(a) 780
(b) 740
(c) 700
(d) 720

Q64. If the radius of a circle is increased by 23%, then by what percentage will its area increase?

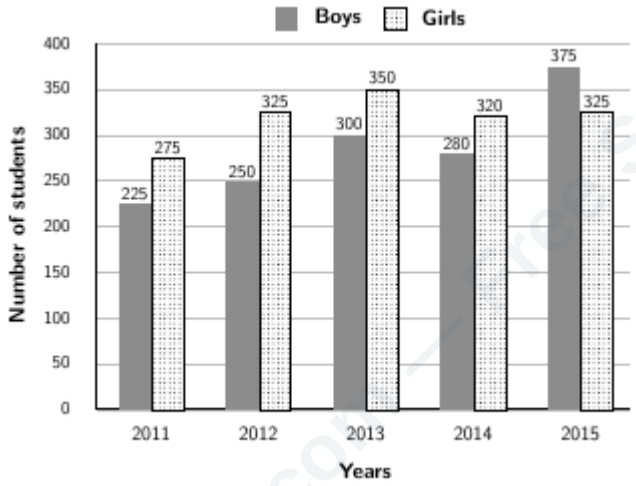
(a) 32.85%
(b) 51.29%
(c) 41.61%
(d) 27.89%

Q65. If the HCF of two numbers is 6 and LCM of the same two numbers is 54, then the square root of the product of these numbers is:

(a) 16
(b) 24
(c) 12
(d) 18

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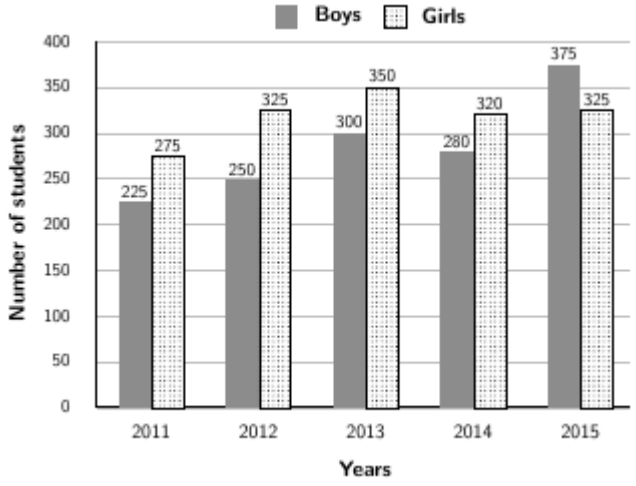
Q66. Study the following graph that shows the number of boys and girls who appeared for the Class X examination in a school XYZ, in different years.



What is the ratio of the total number of girls who appeared in 2012 and 2015 to the total number of boys who appeared for the class X examination in 2012 and 2013?

(a) 13 : 11
(b) 15 : 11
(c) 11 : 15
(d) 11 : 13

Q67. Study the following graph that shows the number of boys and girls who appeared for the Class X examination in a school XYZ, in different years.



The total number of girls who appeared in 2012, 2013, 2014 and 2015 is what percentage less than the total number of boys who appeared in all the five years? (correct to one decimal place)

(a) 6.6%
(b) 9.7%
(c) 7.7%
(d) 10.1%

Q68. When an article is sold for Rs. 388, there is a loss of 3%. What is the selling price (in Rs.) of the article, if it is sold at a gain of 18%?

(a) 432
(b) 444
(c) 460
(d) 472

Q69. The value of 0.2 ÷ 0.025 + 39 + 0.92 ÷ 0.2 × 5 - 4.9 ÷ 0.07 is:

(a) 1
(b) 0.15
(c) 0.5
(d) 0

Q70. 'A' can complete a work in 15 days and 'B' can complete the same work in 20 days. Working together, in how many days will they complete 70% of the same work?

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

Q71. A tank is 25 m long, 12 m wide and 6 m deep. The cost (in Rs) of plastering its walls and bottom at Rs. 10 per m^2 is:

(a) 11,160
(b) 6,275
(c) 12,500
(d) 7,440

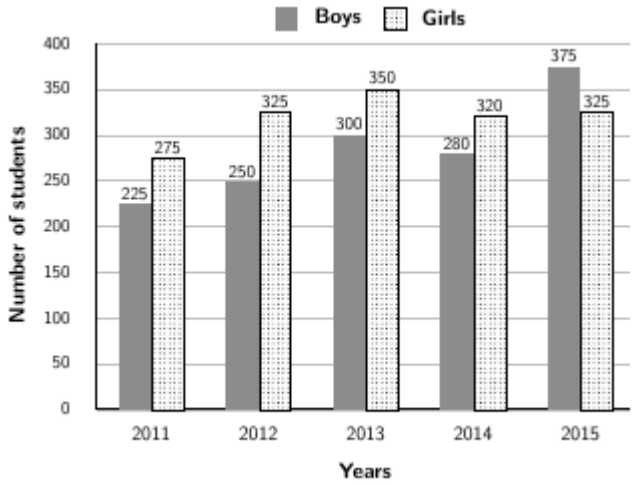
Q72. 'A' can complete 40% of a work in 6 days, while 'B' can complete the work in 71/2 days. If they work together, then in how many days will the work be completed?

(a) 4
(b) 5
(c) 6
(d) 7

Q73. A car travels a distance of x km at a speed of 55/9 m/sec and returns at 5 m/sec to the starting point. If the total time taken by the car is 73/5 hours, then the value of (x + 3) is:

(a) 78
(b) 75
(c) 72
(d) 80

Q74. Study the following graph that shows the number of boys and girls who appeared for the Class X examination in a school XYZ, in different years.



The average of the number of boys who appeared in 2011, 2013, and 2015 is what percentage less than the number of girls who appeared in 2014?

(a) 8.15%
(b) 6.25%
(c) 7.75%
(d) 6.5%

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Q75. In a constituency, 60% of the voters are males and the rest are females. 40% of the males are illiterate and 25% of the females are literate. By what percentage is the number of illiterate males more than that of literate females?

(a) 125%
(b) 120%
(c) 140%
(d) 115%

GENERAL AWARENESS

Q76. Which of the following cricketers was described as ‘Mr. Incredible’ by the captain of the England Test Cricket team in July 2020?

(a) Stuart Broad
(b) Chris Woakes
(c) Jason Roy
(d) Ben Stokes

Q77. Part _____ of the Constitution of India provides for freedom of trade and commerce with in the country.

(a) 10
(b) 13
(c) 15
(d) 20

Q78. The_____ is celebrated at Shilpgram in February every year.

(a) Taj Mahotsav
(b) Ziro Festival
(c) Tansen Music Festival
(d) Natyanjali Nritya Utsav

Q79. Which of the following was NOT included in the definition of ‘children’ by the Maintenance and Welfare of Parents and Senior Citizens Act, 2007?

(a) Adult daughter
(b) Minor son
(c) Adult grandson
(d) Adult son

Q80. Which of the following is NOT an Olympic event?

(a) Acrobatic gymnastics
(b) Trampoline gymnastics
(c) Rhythmic gymnastics
(d) Artistic gymnastics

Q81. Which of the following is NOT a part of the hind-brain?

(a) Medulla
(b) Hypothalamus
(c) Cerebellum
(d) Pons

Q82. All acids generate_____ gas on reacting with metals.

(a) hydrogen
(b) chlorine
(c) nitrogen
(d) oxygen

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Q83. About 50% of the_____ Basin lies in Maharashtra.

(a) Kaveri
(b) Narmada
(c) Mahanadi
(d) Godavari

Q84. The absolute refractive index of_____is 2.42.

(a) crown glass
(b) air
(c) diamond
(d) water

Q85. Which of the following statements is INCORRECT?

(a) The liver secretes bile.
(b) The liver is situated in the upper part of the abdomen on the left side.
(c) The liver is the largest gland in the body.
(d) The liver is reddish brown in colour.

Q86. The Oudh Kisan Sabha was set up in the year_____.

(a) 1918
(b) 1920
(c) 1921
(d) 1924

Q87. 'Boy : Tales of Childhood' is an autobiographical book by_____.

(a) Mark Twain
(b) Roald Dahl
(c) Lewis Carroll
(d) Ruskin Bond

Q88. India's average exponential growth rate (population) for the period 2001-2011 was_____% per annum.

(a) 0.46
(b) 2.38
(c) 1.64
(d) 3.82

Q89. National Waterway-1 of India covers:

(a) Sadiya-Dhubri stretch of the Brahmaputra river
(b) Assam-Mizoram stretch of Barak river
(c) Haldia-Allahabad stretch of the Ganga-Bhagirathi-Hooghly river
(d) Kollam-Kottapuram stretch of West Coast Canal and Champakara and Udyogmandal canals

Q90. Which of the following dams is located in Madhya Pradesh?

(a) Koyna
(b) Tawa
(c) Isapur
(d) Ujjani

Q91. Rathwa ni Gher is a dance performed on the occasion of_____ by the Rathwa tribe of Gujarat.

(a) Dussehra
(b) Janmashtami
(c) Holi
(d) Makar Sankranti

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Q92. Which Indian state recorded the highest GST revenue collection for December 2019?

(a) Maharashtra
(b) Karnataka
(c) Gujarat
(d) Punjab

Q93. Which of the following palaces is located in Thiruvananthapuram?

(a) Chowmahalla Palace
(b) Kanakakkunnu Palace
(c) Ujjayanta Palace
(d) Amber Palace

Q94. Pandit Madan Mohan Malviya is credited with popularising the slogan '_____'.

(a) Vande Mataram
(b) Jai Jawan Jai Kisan
(c) Satyameva Jayate
(d) Inquilab Zindabad

Q95. Gandhiji delivered the famous 'Do or Die' speech on _____.

(a) 14 July 1942
(b) 23 March 1942
(c) 8 August 1942
(d) 24 September 1942

Q96. _____succumbed to injuries inflicted on him during a peaceful demonstration against the Simon Commission.

(a) Bal Gangadhar Tilak
(b) Bipin Chandra Pal
(c) Gopal Krishna Gokhale
(d) Lala Lajpat Rai

Q97. Which microorganism among the following causes Cholera?

(a) Protozoa
(b) Bacteria
(c) Virus
(d) Fungi

Q98. Which of the following environmentalists was awarded the Stockholm Water Prize in 2015?

(a) Anadish Pal
(b) Rajendra Singh
(c) Vandana Shiva
(d) Tulsi Gowda

Q99. 'PENCIL' is an acronym for_____ an electronic portal launched by the Government of India in September 2017.

(a) Paradigm for Enforcement of Equality for Needy Child Labourers
(b) Platform for Effective Enforcement for No Child Labour
(c) Promulgation of Exhaustive Education for Normal & Comprehensive Learning
(d) Protocol for Easy Education & Novel Creative Learning

Q100. The ‘Clean Note Policy’ was announced by the Reserve Bank of India in the year_____.

(a) 1995
(b) 1999
(c) 1992
(d) 1997

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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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