SSC MTS Previous Year Paper (Held on: 22 Oct 2017 Shift 1)

SSC Multi-Tasking Staff (MTS) • 2017 • 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. In the following question, some part of the sentence may have errors. Find out which part of the sentence has an error and select the appropriate option. If a sentence is free from error, select 'No Error'.

The court chose to (1)/ restrained on the issue (2)/ of disqualification. (3)/ No error (4).

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

Q2. In the following question, some part of the sentence may have errors. Find out which part of the sentence has an error and select the appropriate option. If a sentence is free from error, select 'No Error'.

It must be conceded as an event (1)/ of flagrant violations of the Constitution or (2)/ complete disregarded for constitutional norms. (3)/ No error (4).

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

Q3. In the following question, the sentence given with blank to be filled in with an appropriate word.Select the correct alternative out of the four and indicate it by selecting the appropriate option.

I would die _____ I lie.

(a) before
(b) till
(c) until
(d) since

Q4. In the following question, the sentence given with blank to be filled in with an appropriate word.Select the correct alternative out of the four and indicate it by selecting the appropriate option.

They refuse _____ work for their living.

(a) to
(b) of
(c) for
(d) from

Q5. In the following question, out of the given four alternatives, select the one which best expresses the meaning of the given word.

UMPTEEN

(a) Limited
(b) Calculable
(c) Countless
(d) Measurable

Q6. In the following question, out of the given four alternatives, select the one which best expresses the meaning of the given word.

MANIA

(a) Balance
(b) Madness
(c) Reasoned
(d) Hatred

Q7. In the following question, out of the given four alternatives, select the one which best expresses the meaning of the given word.

PALE

(a) Bright
(b) Colourless
(c) Glowing
(d) Radiant

Q8. In the following question, out of the given four alternatives, select the one which is opposite in meaning of the given word.

ANARCHIC

(a) Lawless
(b) Disordered
(c) Turbid
(d) Normal

Q9. Select the most appropriate antonym of the given word.

PROBITY

(a) Fidelity
(b) Deceit
(c) Equity
(d) Justice

Q10. In the following question, out of the given four alternatives, select the one which is opposite in meaning of the given word.

CONTEST

(a) Challenge
(b) Stillness
(c) Trial
(d) Tournament

Q11. In the following question, out of the four given alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.

Put two and two together

(a) To do things in reverse order
(b) To figure something out from the information available
(c) Joint operation of killing
(d) To start a movement

Q12. In the following question, out of the four given alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.

Heart to heart talk

(a) Heartbeat
(b) Candidly
(c) Secretly
(d) Occasionally

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Q13. Improve the bracketed part of the sentence.

(Admit) to the errors of judgment so far is essential for a genuine course correction.

(a) Admitting
(b) Admitte
(c) Admits
(d) No improvement

Q14. Improve the bracketed part of the sentence.

But whatever advantages may have accrued to this former president (was) lost.

(a) is
(b) were
(c) had
(d) No improvement

Q15. In the following question, out of the four given alternatives, select the alternative which is the best substitute of the phrase.

One who lends money at higher ROI.

(a) Dishonorer
(b) Interferer
(c) Usurer
(d) Discoverer

Q16. In the following question, out of the four given alternatives, select the alternative which is the best substitute of the phrase.

A person who loves everybody.

(a) Socialist
(b) Capitalist
(c) Feminist
(d) Altruist

Q17. In the following question, a word has been written in four different ways out of which only one is correctly spelt. Select the correctly spelt word.

(a) Elementary
(b) Elemantary
(c) Elementory
(d) Elementery

Q18. In the following question, a word has been written in four different ways out of which only one is correctly spelt. Select the correctly spelt word.

(a) Illitrate
(b) Illiterate
(c) Elliterate
(d) Alliterateion

Q19. Rearrange the parts of the sentence in correct order.

Birds also

P: the danger

Q: to warn about

R: give alarm calls

(a) PQR
(b) RQP
(c) QRP
(d) QPR

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Q20. Rearrange the parts of the sentence in correct order.

Glass jars and

P: bottles are dried well

Q: filing them with pickles

R: in the sun before

(a) PRQ
(b) RPQ
(c) QPR
(d) QRP

Directions

In the following passage some of the words have been left out. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.

The female education in India is highly necessary for the ____ of the country as women are the first teachers of their children means future of the nation. If education of the women is getting __, it would be the ignorance of bright future of the nation. An uneducated women cannot actively participate in handling the family, proper care of the children and thus __ future generation. We cannot count all the advantages of the women education. An educated women may easily handle her family, make each family member __, infuse good qualities in children, participate in the social works and all would lead her ____ the socially and economically healthy nation.

Q21. the _____ of the country

(a) future
(b) present
(c) ancient
(d) past

Q22. women is getting _____,

(a) ignored
(b) favoured
(c) looked
(d) appreciated

Q23. children and thus _____ future

(a) strong
(b) weakening
(c) amazing
(d) rich

Q24. each family member _____,

(a) ignorant
(b) immature
(c) responsible
(d) stubborn

Q25. would lead her _____ the socially

(a) of
(b) about
(c) off
(d) towards

GENERAL INTELLIGENCE & REASONING

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Q26. In the following question, select the number which can be placed at the sign of question mark (?) from the given alternatives.

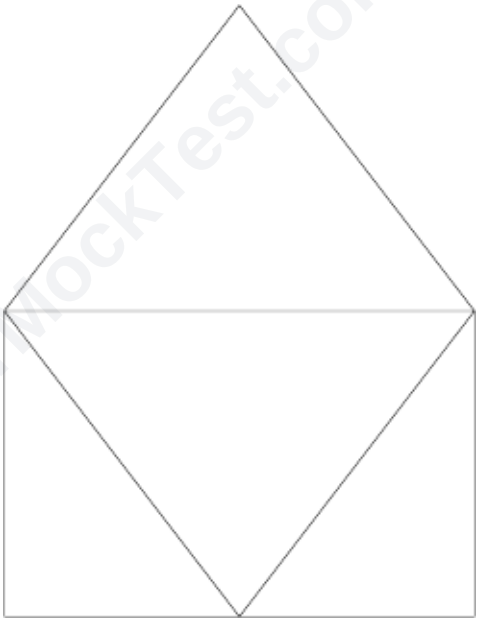
2	3
5	20

3	4
2	18

5	4
6	?

(a) 15
(b) 20
(c) 30
(d) 60

Q27. How many triangles are there in the given figure?



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

Q28. A word is represented by only one set of numbers as given in any one of the alternatives. The sets of numbers given in the alternatives are represented by two classes of alphabets as shown in the given two matrices. The columns and rows of Matrix-I are numbered from 0 to 4 and that of Matrix-II are numbered from 5 to 9. A letter from these matrices can be represented first by its row and next by its column, for example, ‘D’ can be represented by 02, 30, etc., and 'Z’ can be represented by 00, 77, etc. Similarly, you have to identify the set for the word “SNAKE”.

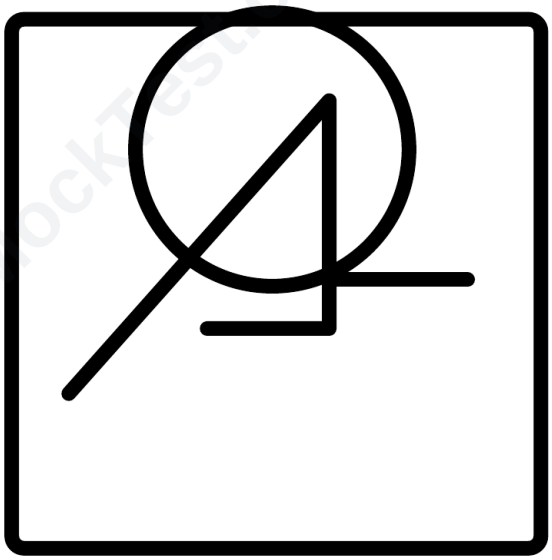
Matrix-I					
	0	1	2	3	4
0	Z	C	D	G	X
1	G	A	N	H	V
2	U	O	Y	K	T
3	D	G	W	L	R
4	A	E	U	C	K

Matrix-II					

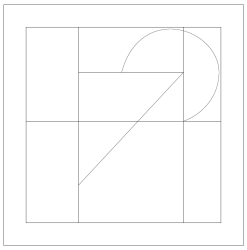
	5	6	7	8	9
5	F	R	O	T	W
6	K	M	J	C	S
7	L	P	Z	Y	D
8	F	E	J	A	N
9	U	W	Q	V	X

(a) 69, 12, 11, 23, 86
(b) 43, 95, 40, 45, 23
(c) 69, 12, 88, 12, 41
(d) 32, 89, 55, 67, 34

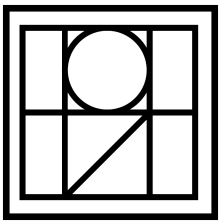
Q29. From the given answer figures, select the one in which the question figure is hidden/embedded.



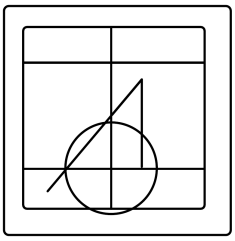
(a)



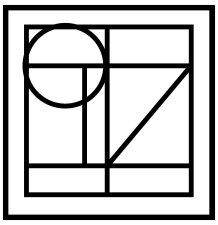
(b)



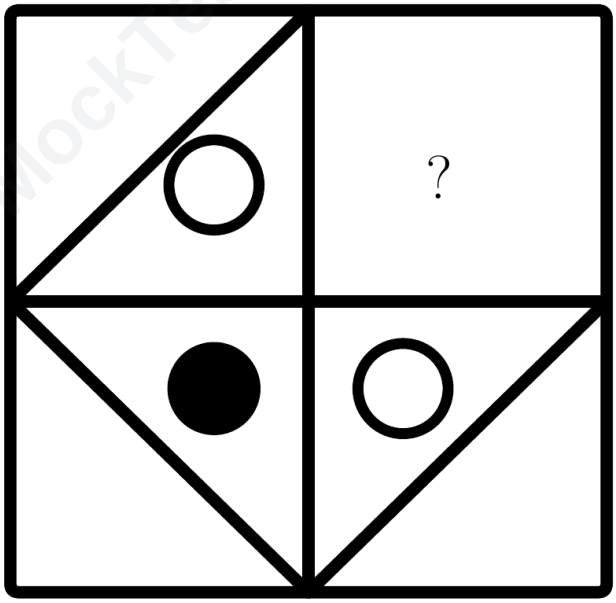
(c)



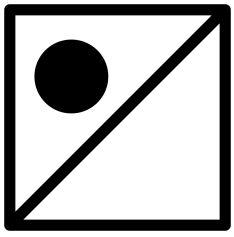
(d)



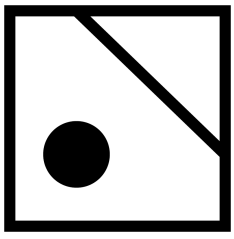
Q30. Which answer figure will complete the pattern in the question figure?



(a)

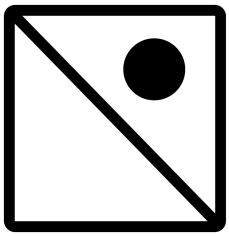


(b)

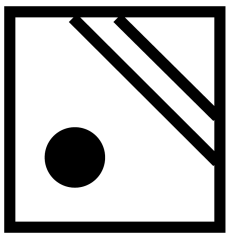


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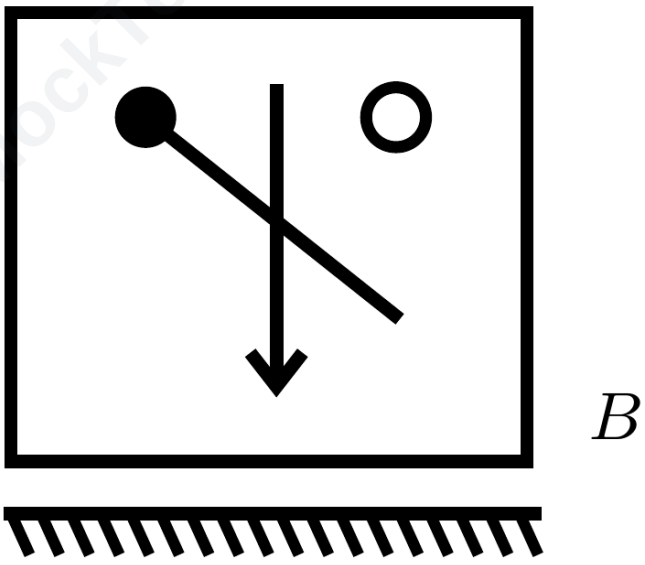
(c)



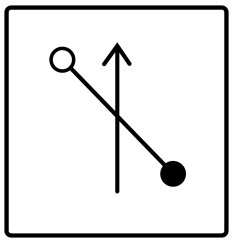
(d)



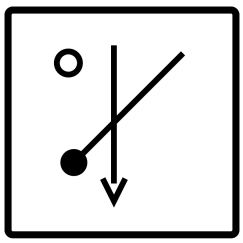
Q31. If a mirror is placed on the line AB, then which of the answer figures is the right image of the given figure?



(a)

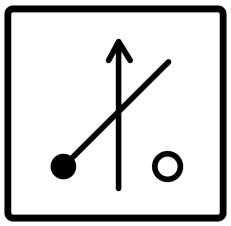


(b)

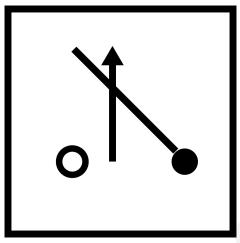


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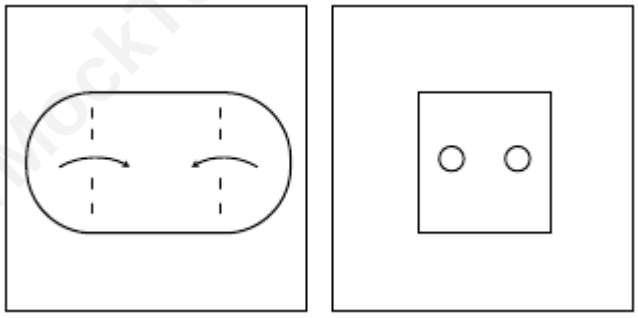
(c)



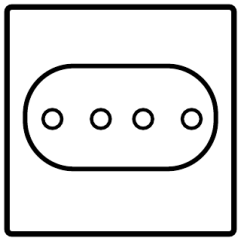
(d)



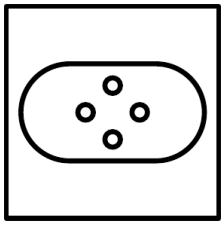
Q32. A piece of paper is folder and punched as shown below in the question figures. Form the given answer figures, indicate how it will appear when opened?



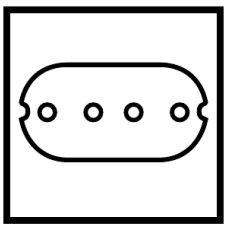
(a)



(b)

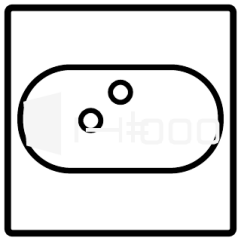


(c)



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(d)



Q33. If 'A' means '+', 'B' means '–', 'C' means '×' and 'D' means '÷', then which of the following equation is true?

(a) 8 B 8 A 8 C 8 = -54
(b) 19 B 2 A 6 C 54 D 9 = 53
(c) 12 A 4 C 6 D 3 = 22
(d) 4 A 36 B 12 D 6 = 34

Q34. If 3 A 2 A 1 = 36 and 5 A 2 A 3 = 900, then 4 A 2 A 2 = ?

(a) 289
(b) 576
(c) 256
(d) 100

Q35. Arrange the given words in the sequence in which they occur in the dictionary.

1. Hand
2. Hang
3. Hinge
4. Hinted
5. Hilly

(a) 12534
(b) 12543
(c) 12354
(d) 12345

Q36. In the following question, select the missing number from the given series.

4, 7, 13, 22, ?, 49

(a) 32
(b) 34
(c) 33
(d) 31

Q37. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.

la, mc, ne, ?

(a) pg
(b) qf
(c) og
(d) pf

Q38. In the following question, select the odd word from the given alternatives.

(a) Liquid
(b) Wood
(c) Coal
(d) Rubber

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Q39. In the following question, select the odd number from the given alternatives.

(a) 256
(b) 576
(c) 626
(d) 676

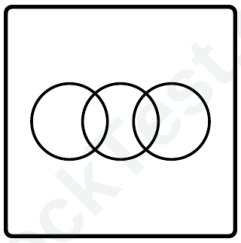
Q40. In the following question, select the odd letters from the given alternatives.

(a) ik
(b) ac
(c) pr
(d) mp

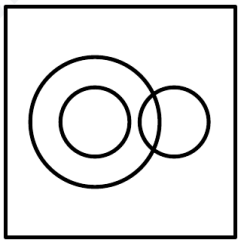
Q41. Identify the diagram that best represents the relationship among the given classes.

Father, Male, Writer

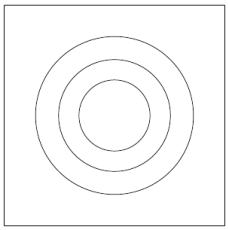
(a)



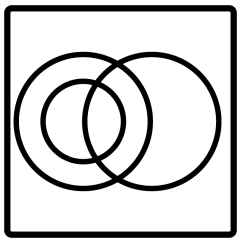
(b)



(c)



(d)



Q42. In the following question, select the related word pair from the given alternatives.

Pressure : Pascal : : ? : ?

(a) Distance : Time
(b) Time : Second
(c) Distance : Kilometre
(d) Time : Speed

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Q43. In the following question, select the related number from the given alternatives.

814 : 418 : : 927 : ?

(a) 278
(b) 729
(c) 812
(d) 928

Q44. In the following question, select the related letters from the given alternatives.

man : ncq : : tap : ?

(a) ors
(b) ucr
(c) ucs
(d) uds

Q45. In the following question, select the word which cannot be formed using the letters of the given word.

HERALDED

(a) DEAD
(b) HEAR
(c) DRIED
(d) HEARD

Q46. Amit remembers his examination is after 11^(th) September. His friend remembers that Amit's examination is before 14^(th) September. On which date of September is Amit's examination?

(a) 12
(b) 13
(c) 11
(d) 12 or 13

Q47. Apple tree is 16th from either end in a row of trees. How many trees are there in the row?

(a) 31
(b) 32
(c) 30
(d) 33

Q48. In the following question below are given some statements followed by some conclusions. Taking the given statements to be true even if they seem to be at variance from commonly known facts, read all the conclusions and then decide which of the given conclusion logically follows the given statements.

Statements:

I. Some pencils are pens.

II. Some pens are red.

Conclusions:

I. Some pencils are red.

II. Some red are pens.

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

Q49. In a certain code language, "HIDE" is written as "KLGH". How is "KNOT" written in that code language?

(a) NPRV
(b) NQRV
(c) MQSV
(d) NQRW

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Q50. In a certain code language, "JET" is written as "33" and "MET" is written as "36". How is "SIX" written in that code language?

(a) 52
(b) 51
(c) 50
(d) 53

NUMERICAL APTITUDE

Q51. If N = √7 - √3, then what is the value of (1/N)?

(a) √7 + √3
(b) (√7 + √3)/4
(c) 4(√7 + √3)
(d) (√7 + √3)/2

Q52. How many positive factors of 64 are there?

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

Q53. How many numbers are there from 209 to 285 divisible by both 9 and 4?

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

Q54. What is the value of $((6.3)^3 + (1.1)^3)/((6.3)^2 - 6.3 \times 1.1 + (1.1)^2)$

(a) 7.4
(b) 5.2
(c) 7.2
(d) 6.8

Q55. Which of the following statement(s) is/are true?

I. 3/7 > 4/5
II. 4/7 > 3/2

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

Q56. What is the unit digit of 2^(47) × 3^{23}?

(a) 2
(b) 4
(c) 8
(d) 6

Q57. Aman and Raman together can do a work in 10 days. Aman alone can do the work in 12 days. In how many days can Raman alone do the work?

(a) 70
(b) 50
(c) 60
(d) 80

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Q58. Three taps A, B and C can fill a tank in 120, 80 and 96 minutes respectively. If all the taps are opened together, then in how many minutes will the tank be filled?

(a) 35
(b) 32
(c) 43
(d) 42

Q59. What is the area (in cm^2) of an equilateral triangle whose side is 8 cm?

(a) $16\sqrt{3}$
(b) $15\sqrt{3}$
(c) 16
(d) 45

Q60. If the difference between discount of 40% and two successive discounts of 20% on a certain article is Rs. 64, then what is the price (in Rs) of the article?

(a) 1500
(b) 1280
(c) 1440
(d) 1600

Q61. If a businessman marks the price of goods 20% more than their cost price and allows a discount of 30%, then what is his gain or loss percent?

(a) 10%, Profit
(b) 16%, Loss
(c) 16%, Profit
(d) 25%, Profit

Q62. The ratio of two numbers is 1 : 3. If their difference is 144, then what is the smallest number?

(a) 24
(b) 128
(c) 48
(d) 72

Q63. Of three positive numbers, the ratio of first and second is 3 : 4, that of second and third is 5 : 6 and the product of second and third is 4320. What is the sum of the three numbers?

(a) 531
(b) 177
(c) 405
(d) 117

Q64. The average of 5 consecutive numbers is 8. If previous 5 numbers are also included, then what will be the new average?

(a) 5
(b) 5.5
(c) 4.5
(d) 6

Q65. By Selling 4 articles for 1 rupee, a man profits 25%. Had he sold 6 articles per rupee, then what will be the loss percentage?

(a) 33.33
(b) 16.67
(c) 25
(d) 40

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Q66. An article was sold at 35% gain. Had it been sold for Rs 600 more, then the gain would have been 40%. What is the cost price (in Rs) of the article?

(a) 12000
(b) 13200
(c) 12500
(d) 14000

Q67. A man spends 70% of his income and saves the rest. If his income decreases by 30% and spending decreases by 20%, then what is the percentage change in his savings?

(a) 66.66% decrease
(b) 53.33% decrease
(c) 75% increase
(d) 40% decrease

Q68. A price is increased by 16.66%. To obtain the old price, by how much should it be decreased?

(a) 14.28
(b) 16.66
(c) 30
(d) 33.32

Q69. The speed of a stream is 9 km/hr. A boat goes 21 km and comes back to the starting point in 8 hours. What is the speed (in km/hr) of the boat in still water?

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

Q70. A 400 metre long train crosses a 200 metre long platform. If the speed of train 30 km/hr, then what is the time taken (in seconds) to cross the platform?

(a) 70
(b) 75
(c) 72
(d) 80

Q71. The population of a town increases at the rate of 10% per annum. If the present population of the town is 266200, then what was the population 3 years ago?

(a) 220000
(b) 200000
(c) 2500000
(d) 1500000

Q72. The table given below shown the number of students admitted in 2 sections X and Y from Year 2011 to 2015.

Year	Section X	Section Y
2011	50	52
2012	60	65
2013	72	50
2014	80	58
2015	62	64

What is the percentage change in the number of students admitted in section X from year 2011 to 2013?

(a) 22
(b) 50
(c) 44

(d) 72

Q73. The table given below shown the number of students admitted in 2 sections X and Y from Year 2011 to 2015.

Year	Section X	Section Y
2011	50	52
2012	60	65
2013	72	50
2014	80	58
2015	62	64

In which two years was the difference in the number of students admitted in the two sections was same?

(a) 2011 and 2012
(b) 2013 and 2014
(c) 2011 and 2015
(d) Options 2 and 3 both

Q74. The table given below shown the number of students admitted in 2 sections X and Y from Year 2011 to 2015.

Year	Section X	Section Y
2011	50	52
2012	60	65
2013	72	50
2014	80	58
2015	62	64

In year 2012, the number of students admitted in section Y is what percent of that of the number of students admitted in section X?

(a) 108.33
(b) 65
(c) 60
(d) 200

Q75. The table given below shown the number of students admitted in 2 sections X and Y from Year 2011 to 2015.

Year	Section X	Section Y
2011	50	52
2012	60	65
2013	72	50
2014	80	58
2015	62	64

What is the percentage change in the number of students admitted in section Y from year 2011 to 2014?

(a) 13.81
(b) 11.54
(c) 6
(d) 58

GENERAL AWARENESS

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Q76. Which of the following is characterised by small and scattered units which are largely outside the control of the government?

(a) Unorganised sector
(b) Organised sector
(c) Both organised and unorganised sector
(d) Neither organized nor unorganised sector

Q77. An asset that the borrower owns and uses this as a guarantee to the lender until the loan is repaid is called _____.

(a) Credit
(b) Collateral
(c) Loan
(d) Bond

Q78. The constitution of India recognises the right to water as being a part of Right to _____.

(a) Equality
(b) Freedom
(c) Freedom of Religion
(d) Life

Q79. Who among the following is an example of political executive?

(a) Income tax commissioner
(b) District collector
(c) Prime minister
(d) Superintendent of police

Q80. Who was the court poet of Samudragupta?

(a) Banabhatta
(b) Harishen
(c) Chand Bardai
(d) Bhavabhuti

Q81. Where was the All India Muslim League formed?

(a) Hyderabad
(b) Lahore
(c) Dhaka
(d) Calcutta

Q82. What is the approximate duration of moon's rotation around the Earth?

(a) 26 Days
(b) 24 Days
(c) 28 Days
(d) 30 Days

Q83. What is the duration of season of retreating monsoon (Autumn) in India?

(a) March to May
(b) October and November
(c) December to February
(d) June to September

Q84. Night blindness is due to _____.

(a) Less drinking of water
(b) Excess secretion of pineal gland
(c) Vitamin A deficiency
(d) Inheritance by X-chromosome

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Q85. With which of the following the frog respires during hibernation?

(a) Lungs only
(b) Partly by lungs and partly by skin
(c) Both skin and lungs
(d) Skin only

Q86. About how much blood is there in the circulatory system of an average person?

(a) 7 liters
(b) 2 liters
(c) 5 liters
(d) 13 liters

Q87. Which law of motion defines the 'force'?

(a) Newton's third law of motion
(b) Newton's first law of motion
(c) Newton's second law of motion
(d) Newton's law of gravitation

Q88. The mirror used in automobiles to see the rear field of view is _____ mirror.

(a) concave
(b) convex
(c) plane
(d) none of these

Q89. The smallest unit of a digital image is a _____.

(a) Pixel
(b) Pallette
(c) Array
(d) Loop

Q90. Acids are mostly stored in containers made of _____.

(a) Soil
(b) Glass
(c) Metals
(d) None of these

Q91. The molecular formula of common salt is _____.

(a) Na_2SO_4
(b) $CaCl_2$
(c) $MgCl_2$
(d) NaCl

Q92. What type of interaction is necessary for the survival of both the partners in association?

(a) Symbiosis
(b) Amensalism
(c) Parasitism
(d) None of these

Q93. What is the range of monthly fixed pension (in Rs) under Atal Pension Yojana?

(a) 500 – 1000
(b) 1000 – 3000
(c) 1000 – 5000
(d) 5000 – 10,000

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Q94. Who among the following discovered the structure of an atom?

(a) Ernest Rutherford
(b) John Dalton
(c) A. Lavoisier
(d) Mendeleev

Q95. Who is the first Indian woman to win an Olympic medal?

(a) P.T Usha
(b) Karnam Malleswari
(c) P.V Sindhu
(d) Soma Biswas

Q96. Most of the temples of Nagara-style consisted of which of the following?

(a) Shikharas
(b) Garbhagriha
(c) Mandapa
(d) All options are correct

Q97. Which play won the Sahitya Akademi Award 2016?

(a) Maila Anchal
(b) Swarajbir
(c) Vannadhasan
(d) Dogri

Q98. Who is the author of the book named “Satyartha Prakash”?

(a) Sarojini Naidu
(b) Amrita Pritam
(c) Swami Dayanand
(d) Sameer Kochhar

Q99. What is the name of initiative unveiled by India and South Korea to promote and facilitate Korean investments in India?

(a) Korea Addition initiative
(b) Korea Plus initiative
(c) Korea surplus initiative
(d) Korea total initiative

Q100. What is the name of military doctrine developed by the Indian Armed Forces to put to use in case of war with Pakistan?

(a) Cold Start
(b) Meghdoot
(c) Shaurya
(d) Ratle

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

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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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