SSC MTS Previous Year Paper (Held on: 19 Sep 2017 Shift 2)

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 parts 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'.

Sameer is the most succeeded of all (1)/ the businessmen (2)/ in this city today. (3)/ No Error (4)

(a) Sameer is the most succeeded of all
(b) the businessmen
(c) in this city
(d) No Error

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'.

Both Rajesh as well as his wife (1)/ are determined to bring (2)/ about some changes in the plan. (3)/ No Error (4)

(a) Both Rajesh as well as his wife
(b) are determined to bring
(c) about some changes in the plan.
(d) No Error.

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

It is I who _____ to blame for this sad situation.

(a) Are
(b) Have
(c) Is
(d) Am

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.

One must do _____ duty.

(a) His
(b) Her
(c) Him
(d) One's

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

Clasp

(a) Loose
(b) Let go
(c) Catch
(d) Release

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

Clumsy

(a) Unskillful
(b) Expert
(c) Graceful
(d) Coordinated

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

Conflict

(a) Clash
(b) Peace
(c) Stability
(d) Agreement

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

Attachments

(a) Junction
(b) Link
(c) Bond
(d) Opposition

Q9. In the following question, out of the given four alternatives, select the one which is opposite in meaning of the given word.

Deliberately

(a) Consciously
(b) Unintentionally
(c) Wittingly
(d) Knowingly

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

Awakened

(a) Hypnotized
(b) Activated
(c) Reviewed
(d) Around

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

To flog a dead horse

(a) To be undecided
(b) Waste energy on an unalterable situation
(c) Reveal a secret information
(d) Exaggerate a minor problem.

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

A carrot and stick approach

(a) Happy and unhappy
(b) Rewards and punishments that influence someone's behavior
(c) Help and guidance

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(d) Do-undo

Q13. Improve the bracketed part of the sentence.

I have returned the book (what) you gave me.

(a) Where
(b) Which
(c) How
(d) No improvement

Q14. Improve the bracketed part of the sentence.

This invitation is for (you) and me.

(a) Yours
(b) Yourself
(c) Your
(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 not concerned with right or wrong

(a) Egoist
(b) Rational
(c) Amoral
(d) Atheist

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

Act of deceiving somebody in order to make money

(a) Misrepresentation
(b) Fraud
(c) Blunder
(d) Mistake

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) Imaginary
(b) Imagenary
(c) Imaginery
(d) Imagineri

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) Ahceive
(b) Achieve
(c) Acheive
(d) Ahcieve

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

The first four

P: for the development

Q: of the brain

R: years are crucial

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

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(d) PQR

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

Street theatre

P: a well established

Q: in India is

R: ancient art form

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

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 doctor is a very important and ____ person. He works in hospital and dispensary. When a person is sick, he __ him. He finds out the cause of illness. He gives medicines to __ the illness. He saves lives of people. He is __ cheerful and ready to help people. He works so hard and he does not take proper rest and sleep. He does ____ work. We should be thankful to him and give respect to him.

Q21. important and _____ person.

(a) Reusable
(b) Useful
(c) Careful
(d) Usable

Q22. When a person is sick, he _____ him.

(a) Examines
(b) Fines
(c) Handles
(d) Questions

Q23. He gives medicines to _____

(a) Lure
(b) Defuse
(c) Cure
(d) Dismantle

Q24. He is _____ cheerful and ready to help people.

(a) Always
(b) Never
(c) Seldom
(d) Occasionally

Q25. He does _____work.

(a) Idle
(b) Some
(c) Proper
(d) Noble

GENERAL INTELLIGENCE & REASONING

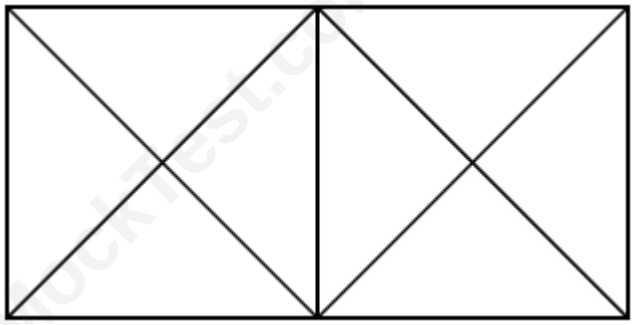
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Q26. In the following question, select the number which can be placed at the sign of question mark (?) from the given alternatives.

2	**1**	**4**
2	6	7
8	4	3
12	11	?

(a) 10
(b) 12
(c) 13
(d) 14

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



(a) 10
(b) 16
(c) 18
(d) 20

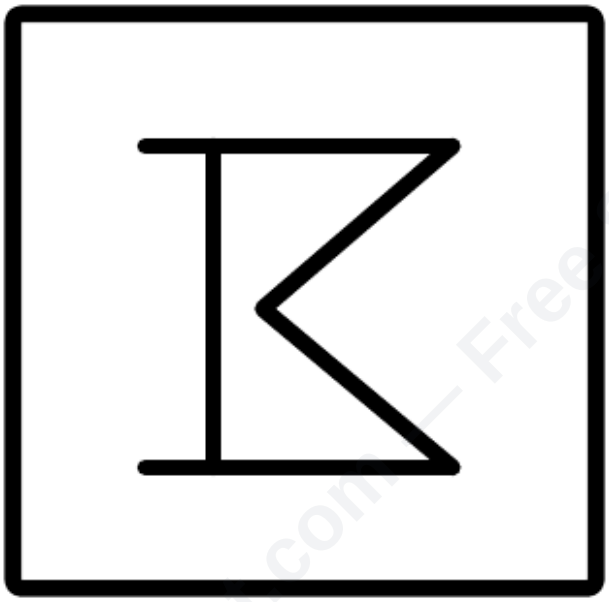
Q28. A word is represented by only one set of numbers as given in any one of the alternatives. The sets of numbers given in the alternatives are represented by two classes of alphabets as shown in the given two matrices. The columns and rows of Matrix-I are numbered from 0 to 4 and that of matrix-II are numbered form 5 to 9. A letter from these matrices can be represented first by its row and next by its column, for example, 'E' can be represented by 30, 58, etc., and 'G' can be represented by 31, 68, etc. Similarly, you have to identify the set for the word "MADE"

Matrix – I		**Matrix – II**									
	0	1	2	3	4		5	6	7	8	9
0	Z	B	D	F	H	5	H	J	C	E	W
1	J	L	N	P	R	6	F	L	A	G	U
2	T	V	X	A	M	7	D	N	X	I	S
3	E	G	I	K	M	8	B	E	V	K	Q
4	D	Q	S	U	W	9	A	R	T	M	P

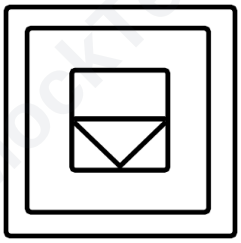
(a) 98, 22, 02, 86
(b) 24, 65, 02, 58
(c) 34, 23, 76, 59
(d) 34, 67, 40, 58

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

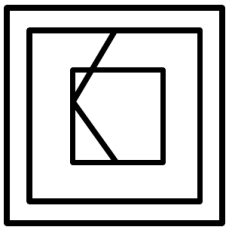
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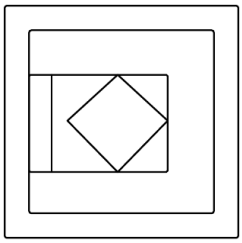
(a)



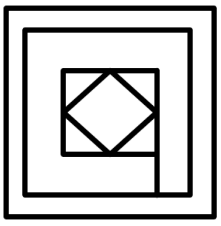
(b)



(c)

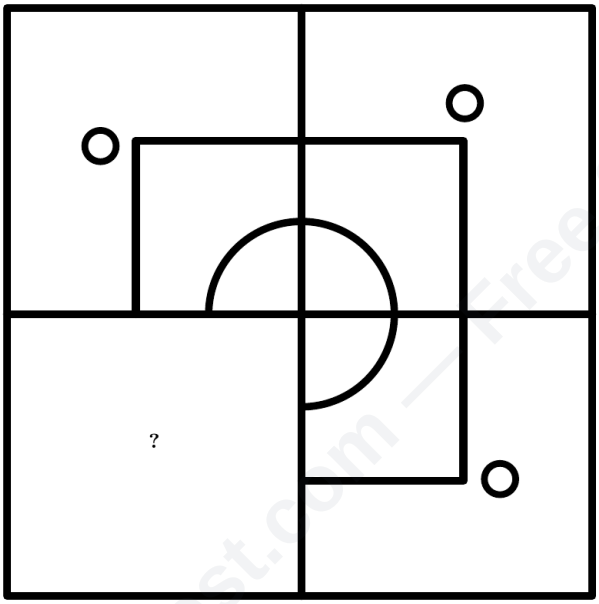


(d)

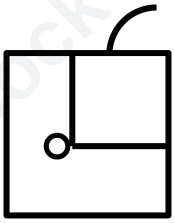


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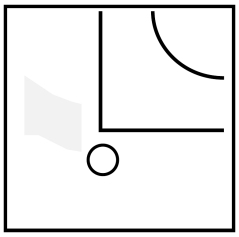
Q30. Which answer figure will complete the pattern in the question figure?



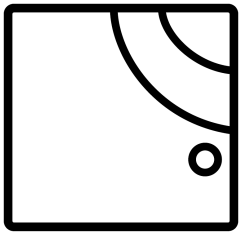
(a)



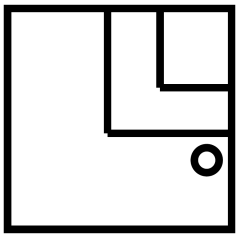
(b)



(c)

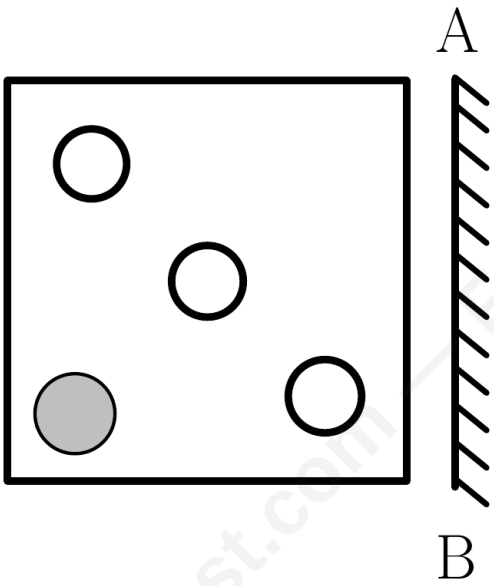


(d)

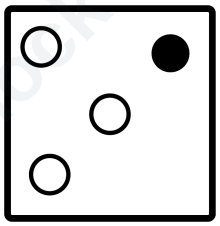


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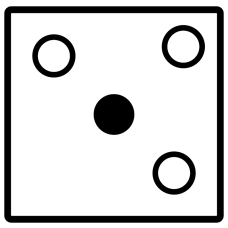
Q31. If a mirror is placed on the line AB, then which of the answer figures?



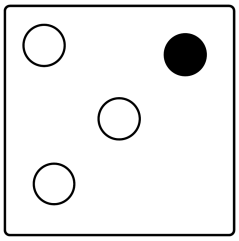
(a)



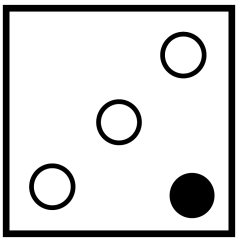
(b)



(c)

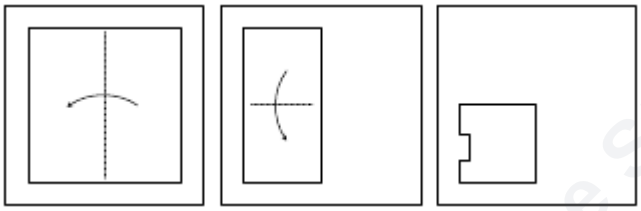


(d)

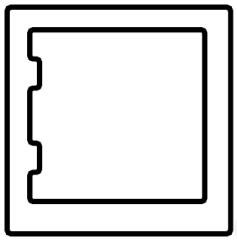


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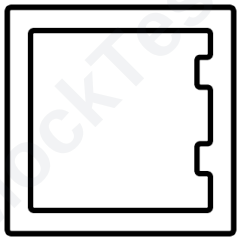
Q32. A piece of paper is folded and punched as shown below in the question figures. From the given answer figures, indicate how it will appear when opened?



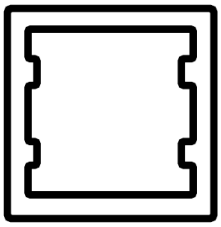
(a)



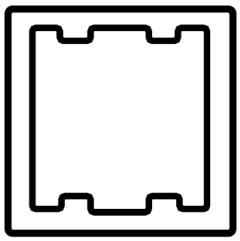
(b)



(c)



(d)



Q33. What will come in place of question mark (?) in the given equation?

12 ? 10 ? 8 = 14

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

Q34. If 3 – 3 = 6 and 5 – 5 = 20, then 9 – 9 = ?

(a) 56
(b) 72
(c) 42
(d) 30

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

1. Grain
2. Great
3. Glow
4. Glare
5. Geek

(a) 54132
(b) 54312
(c) 53412
(d) 53421

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

82, 101, 122, ?, 170, 197

(a) 146
(b) 142
(c) 145
(d) 143

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

P, T, X, B, F, ?

(a) J
(b) K
(c) I
(d) H

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

(a) Book : Paper
(b) House : Bricks
(c) Court : Lawyer
(d) Body : Organs

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

(a) 13
(b) 29
(c) 59
(d) 36

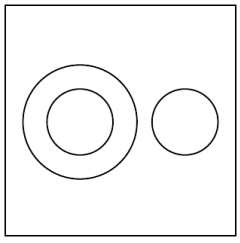
Q40. In the following question, select the odd letters from the given alternatives.

(a) XAC
(b) GJM
(c) PSV
(d) FIL

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

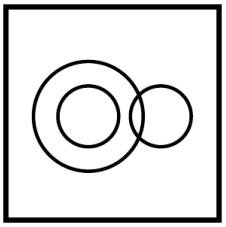
Cow, Dog, Animals

(a)

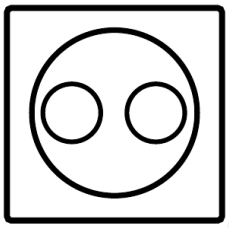


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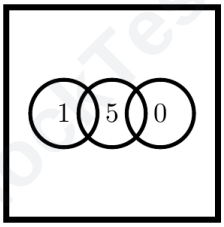
(b)



(c)



(d)



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

Laugh : Cry : : Fat : ?

(a) Tall
(b) Thin
(c) Short
(d) Slow

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

6 : 42 : : 8 : ?

(a) 58
(b) 84
(c) 72
(d) 96

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

LMN : MOQ : : ABC : ?

(a) CEF
(b) CDE
(c) BEE
(d) BDF

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

SALVAGING

(a) SLAIN
(b) SLANG
(c) GAINS
(d) BRINGS

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Q46. Ankit is facing North standing at point A. He walks 10 km straight and takes a right turn. He again walks 10 km and takes a right turn. He again walks 10 km to reach at point B. What is the distance (in km) between point A and B?

(a) 10
(b) 20
(c) 10√2
(d) 15

Q47. Weight of A is half of B. Weight of B is 3 times of C. Weight of C is one-fourth of D. Weight of D is 5 times of E. Who is the heaviest?

(a) B
(b) D
(c) A
(d) Cannot be determined

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. All tables are pencils.

II. Some pencils are chairs.

Conclusions:

I. Some chairs are tables.

II. Some tables are pencils.

(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, "EXAM" is written as "FYBN". How is "RESULT" written in that code language?

(a) SFTVMU
(b) SFTVNU
(c) SFUVMU
(d) SETVMU

Q50. In a certain code language, "ROAD" is written as "TREI". How is "SIGN" written in that code language?

(a) ULKS
(b) ULKT
(c) UMKT
(d) UNKS

NUMERICAL APTITUDE

Q51. Which value among 2400, 3300 and 6200 is the largest?

(a) 6200
(b) 3300
(c) 2400
(d) All are equal

Q52. If N = (√7 + √5) / (√7 - √5), then what is the simplified value of 1/N?

(a) 6 + √35
(b) 6 - √35
(c) 12 - √35
(d) 12 - 2√35

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Q53. What is the unit digit of 1261 × 3474 × 1269 ?

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

Q54. What is the highest common factor of 48, 120 and 240?

(a) 24
(b) 12
(c) 36
(d) 40

Q55. What is the value of 22 - 12 + 42 - 32 + 62 - 52?

(a) 3
(b) 16
(c) 17
(d) 30

Q56. Which one is the largest fraction among 3/5, 6/7 and 5/11?

(a) 6/7
(b) 3/5
(c) 5/11
(d) All are equal

Q57. While working 5 hours a day, X alone can cut 15 trees in 9 days. In how many days X can cut 40 trees working 8 hours a day?

(a) 15
(b) 18
(c) 4
(d) 17

Q58. X and Y can complete a work in 10 days, Y and Z in 12 days and X and Z in 15 days. What will be the ratio of efficiency of X, Y and Z respectively?

(a) 10 : 12 : 15
(b) 6 : 5 : 4
(c) 5 : 7 : 3
(d) 5 : 6 : 4

Q59. If the side of a cube is 8 cm, then what is the volume (in cm^3) of the cube?

(a) 64
(b) 128
(c) 192
(d) 512

Q60. Marked price of an article is Rs 7500. It is purchased at a discount of 12%. If Rs. 250 are spent on its repairs, then to gain 20% profit what should be the selling price (in Rs)?

(a) 7940
(b) 7760
(c) 8220
(d) 8480

Q61. After giving a discount of 33.33%, there is a loss of 11.111%. If only 10% discount is given, then what will be the profit percentage?

(a) 24
(b) 20

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(c) 27
(d) 25

Q62. If U : V = 2 : 9, V : W = 3 : 5 and W : X = 15: 11, then what is the value of U : X?
(a) 3 : 22
(b) 4 : 17
(c) 2 : 11
(d) 5 : 11

Q63. In what ratio two types of liquid costing Rs. 52/litre and Rs. 65/litre should be mixed to obtain a mixture of Rs. 60/litre?
(a) 8 : 13
(b) 5 : 8
(c) 13 : 5
(d) 8 : 5

Q64. The average of 12 numbers is 14. If each number is doubled, then what will be the new average?
(a) 28
(b) 18
(c) 20
(d) 24

Q65. If the selling price of 10 articles is equal to the cost price of 15 articles, then what is the profit percent?
(a) 33.33
(b) 66.66
(c) 50
(d) 60

Q66. A shopkeeper buys a fan for Rs 14500. For how much should he sell (in Rs) it to gain a profit of 10%?
(a) 15950
(b) 13050
(c) 16050
(d) 15450

Q67. The difference between 81% and 49% of a number is 768. What is the 48% of the number?
(a) 1186
(b) 1248
(c) 1152
(d) 1168

Q68. If the side of a cube increases by 15%, then what will be the percentage increase in the volume of the cube?
(a) 32.25
(b) 30
(c) 45
(d) 52.08

Q69. A train crosses a platform in 30 seconds travelling with a speed of 72 km/hr. If the length of the train be 120 metres, then what will be the length (in metres) of the platform?
(a) 320
(b) 450
(c) 480
(d) 360

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Q70. The speed of a boat is 3 km/hr in still water and the speed of the stream is 1 km/hr. If the boat takes 9 hours to go to a place and come back, then what is the distance (in km) of the place?

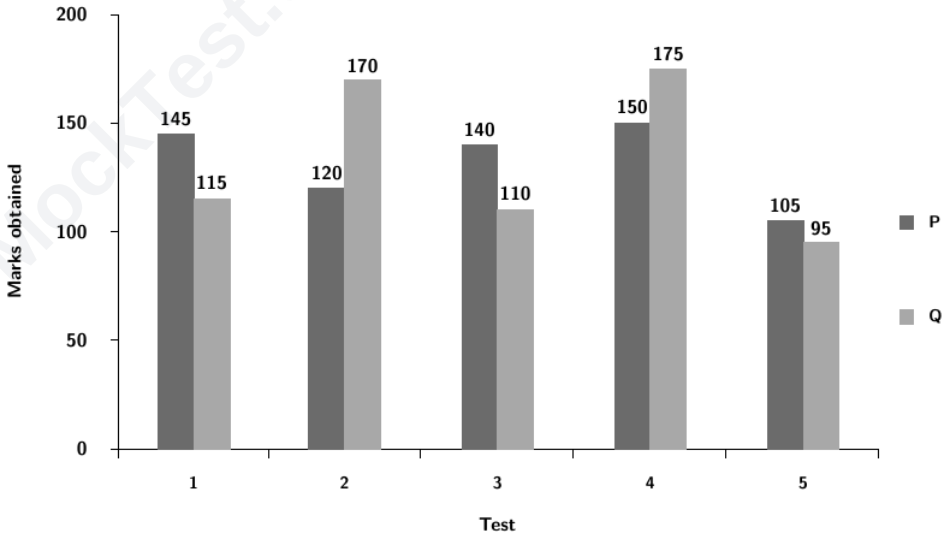
(a) 12
(b) 16
(c) 18
(d) 9

Q71. An amount invested at simple interest gives Rs 720 interest at 12% per annum in 3years. What is the principal (in Rs)?

(a) 2400
(b) 1500
(c) 3000
(d) 2000

Directions

Direction: The bar chart given below shows the marks obtained by P and Q in 5 tests. The maximum marks for each test is 200.



Q72. What is the percentage marks obtained by P in test 3?

(a) 70
(b) 75
(c) 85
(d) 90

Q73. The marks obtained by P in test 3 is how much percent more than the marks obtained by P in test 2?

(a) 16.66%
(b) 10%
(c) 12.5%
(d) 15%

Q74. What is the average marks obtained by Q in the given 5 tests?

(a) 125
(b) 122
(c) 133
(d) 136

Q75. The total marks obtained by P are how much less than the total marks obtained by Q in the five tests?

(a) 5
(b) 0
(c) 15

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(d) 25

GENERAL AWARENESS

Q76. What is the meaning of National income?

(a) Wages only
(b) Rent only
(c) Sum of all factor costs
(d) None of these

Q77. In economic terms, national development is _____.

(a) Equal opportunity to all
(b) Employment to all citizens
(c) Development of all sections
(d) Even sharing of resources

Q78. Which right allows citizens to move to the court if they believe that any of their fundamental rights have been violated by the state?

(a) Right to Equality
(b) Rights to Freedom
(c) Right against Exploitation
(d) Right to Constitution Remedies

Q79. Which part of the Indian Constitution has often been referred to as its 'conscience'?

(a) Fundamental Duties
(b) Fundamental Rights
(c) Directive Principles of State Policy
(d) None of these

Q80. Who was the first ruler of Gupta dynasty to adopt the grand title of Maharaj - adhiraja?

(a) Ashoka
(b) Chandragupta I
(c) Samudragupta
(d) Chandragupta - II

Q81. Who were defeated in the 3^(rd)Battle of Panipat 1761?

(a) Mughals
(b) Marathas
(c) Nizam of Hyderabad
(d) French

Q82. Summer solstice in Northern Hemisphere occurs on which date of the year?

(a) 21 March
(b) 23 September
(c) 21 June
(d) 22 December

Q83. Eurasia is the combined landmass of Asia and _____.

(a) Europe
(b) Russia
(c) Africa
(d) Greenland

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Q84. When the right ventricle of heart contracts, the blood goes to _____.

(a) All parts of the body
(b) Pulmonary Vein
(c) Aorta
(d) Lungs

Q85. A digestive enzyme, salivary amylase, in the saliva begins digestion of which of the following?

(a) Vitamins
(b) Minerals
(c) Fats
(d) Carbohydrates

Q86. In 28 - day human ovarian cycle, ovulation occurs on _____.

(a) Day 1
(b) Day 10
(c) Day 14
(d) Day 28

Q87. The ratio of the size of the image to the size of the object is known as _____.

(a) The focal plane
(b) The Trans formation ratio
(c) The efficiency
(d) magnification

Q88. An object is said to be in what kind of motion if it is moving along a straight line with a constant speed?

(a) Non - uniform motion
(b) Uniform motion
(c) Both uniform and non - uniform motion
(d) Neither uniform nor non - uniform notion

Q89. Which of the following is/are primary device/devices of storage?

I. Cache
II. RAM
III. Hard drive

(a) Only II
(b) Only I and II
(c) Only III
(d) Only II and III

Q90. Noble gases exist as individual _____.

(a) Atoms
(b) Molecules
(c) Elements
(d) Compounds

Q91. An ionic bond is formed by _____.

(a) Attraction of oppositely charged ions
(b) The combining atoms lose electrons
(c) Two metallic elements react
(d) Sharing of electrons takes place

Q92. Acid rain that corrodes the marble of the Taj Mahal is made up of which acids?

(a) Nitric acid and sulphuric acid
(b) Carbonic acid and oxalic acid
(c) Formic acid and carbonic acid

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(d) Acetic acid and formic acid

Q93. Pradhan Mantri Suraksha Bima Yojana is available to all citizens between the ages of 18 to _____ years.

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

Q94. Who invented Airplane?

(a) Mendeleev
(b) Oswald Mosley
(c) J. J. Thomson
(d) Wright Brothers

Q95. Sunil Chhetri is related to which sport?

(a) Football
(b) Javelin throws
(c) Shot - put
(d) Athletics

Q96. Which of the following pair is INCORRECT with respect to Kumbh Mela?

(a) Allahabad – Saraswati
(b) Nasik – Godavari
(c) Haridwar – Gomti
(d) Ujjain – Shipra

Q97. Who won the 2016 Arjuna Award for Boxing?

(a) Manoj Kumar
(b) Mary Kom
(c) Dinesh Kumar
(d) Shiva Thapa

Q98. Who is the author of the book named ‘Flood of Fire’?

(a) Naina Lal Kidwai
(b) Sagar Baheti
(c) Sudarshan Pattnaik
(d) Amitav Ghosh

Q99. Other than India and Afghanistan which is the third participant country in Chabahar Trilateral agreement on transport and transit corridors?

(a) Pakistan
(b) Kazakhstan
(c) Iran
(d) Bangladesh

Q100. India operates an embassy at which city of Afghanistan?

(a) Kabul
(b) Kandahar
(c) Jalalabad
(d) Ghazni

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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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