SSC MTS Previous Year Paper (Held on: 19 Sep 2017 Shift 1)

SSC Multi-Tasking Staff (MTS) • 2017 • 100 questions • 90 minutes • Answer key

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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'.

It comes with (1)/her own challenges (2)/for a person. (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'.

Need no worry, (1)/these tips will help (2)/you to optimize your work. (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.

Rohan preferred baseball _____ any other sport.

(a) To
(b) Than
(c) On
(d) Against

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.

I have lived in Gujarat _____.

(a) Since seven year
(b) Seven year ago
(c) For seven years ago
(d) For seven years

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

Index

(a) Disorder
(b) Neglect
(c) Dismiss
(d) Guide

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

Amend

(a) Impair
(b) Alter
(c) Reduce
(d) Worsen

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

Testify

(a) Announce
(b) Deny
(c) Veto
(d) Negate

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

Noble

(a) Well born
(b) Gentle
(c) Servile
(d) Kingly

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

Applause

(a) Acclaim
(b) Cheers
(c) Criticism
(d) Praise

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

Candid

(a) Fair
(b) Deceitful
(c) Genuine
(d) Sincere

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

Over head and ears

(a) Nearer
(b) Completely
(c) Alert
(d) Obsolete

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

On one’s guard

(a) About to fall
(b) To be careful
(c) To be not is proper order

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(d) Cause of somebody

Q13. Directions: Improve the bracketed part of the sentence.

My boss suggested (me to take a) off.

(a) That I should take a
(b) That I should take an
(c) Me taking a
(d) No improvement

Q14. Directions: Improve the bracketed part of the sentence.

He complained of (having harassed) by the court of law.

(a) Harassed
(b) Been harassed
(c) Having been harassed
(d) Not improvement

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

Reduction in tax or debt

(a) Rebate
(b) Estimate
(c) Preface
(d) Ransom

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

Resulting in death or ending in disaster

(a) Dessert
(b) Erratic
(c) Fatal
(d) Epicure

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) Innocent
(b) Inocennt
(c) Innocant
(d) Ennocant

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) Leneint
(b) Linient
(c) Lenient
(d) Lenent

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

The moment a

P: new word is coined

Q: it enters the

R: spoken language

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

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(d) RPQ

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

Venice is

P: the north of Italy

Q: beautiful city in

R: a strange and

(a) QRP
(b) RQP
(c) QPR
(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.

We need to create a ____ system of education. Education should be __ through the mother tongue and through English language as well. __ in one's mother language is very important. It__ a felling of love and respect for his mother language. A person would be ___ of his own cultural richness if he is unable to read book written in his mother language.

Q21. We need to create a _____ system

(a) Turbulence
(b) Heavy
(c) Strict
(d) Balanced

Q22. _____ through the mother tongue.

(a) Imparted
(b) Taught
(c) Bought
(d) Brought

Q23. _____ in one's mother language is very

(a) Thinking
(b) Dancing
(c) Studying
(d) Listening

Q24. It _____ a feeling of love and

(a) Originates
(b) Develops
(c) Create
(d) Exploits

Q25. A person would be _____ of his own cultural

(a) Devoid
(b) Employed
(c) Avoid
(d) Ignored

GENERAL INTELLIGENCE & REASONING

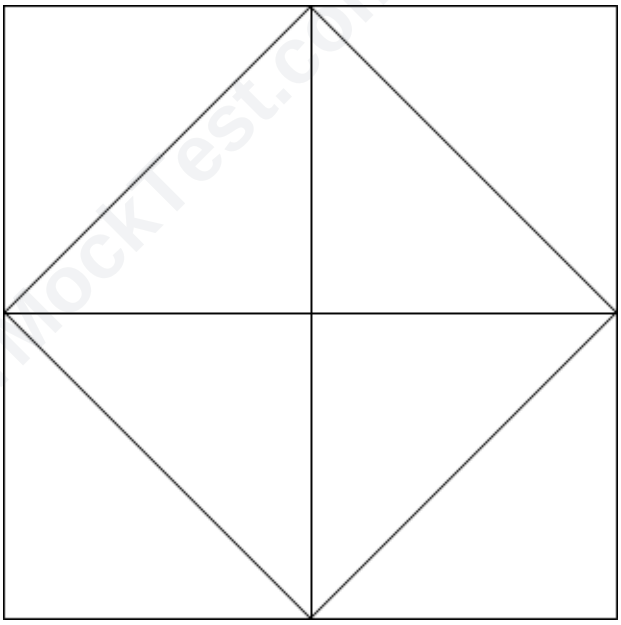
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Q26. In the following question, select the number which can be placed at the sign of question mark (?) from the given alternatives.

2	3	2
4	6	4
5	3	7
14	15	?

(a) 22
(b) 18
(c) 20
(d) 24

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



(a) 8
(b) 10
(c) 12
(d) 16

Q28. A word is represented by only one set of numbers as given in any one of the alternatives. The sets of numbers as 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, 'M' can be represented by 10, 56, etc., and 'R' can be represented by 40, 99, etc. Similarly, you have to identify the set for the word "TONE".

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

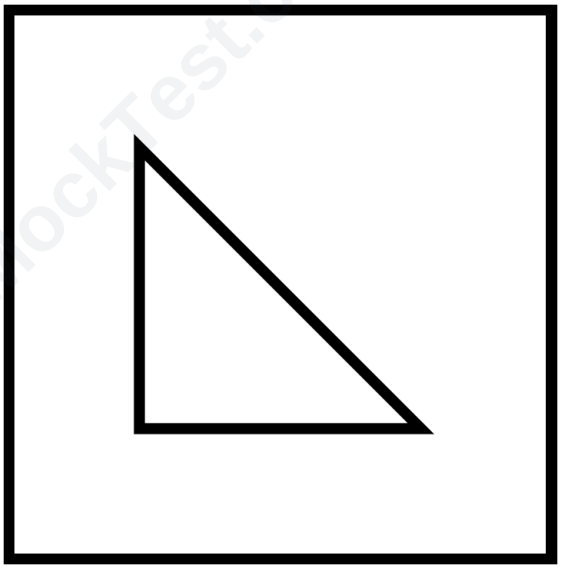
Matrix-II					

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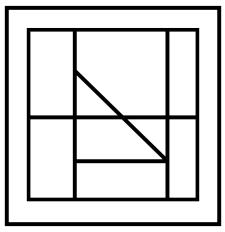
	5	6	7	8	9
5	K	M	F	H	Z
6	I	B	O	J	K
7	G	Q	A	L	V
8	E	H	Y	N	T
9	C	U	W	P	R

(a) 89, 11, 88, 85
(b) 41, 67, 87, 01
(c) 41, 11, 34, 85
(d) 89, 67, 33, 00

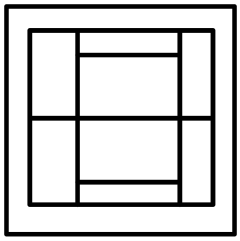
Q29. From the given answer figures, select the one in which the question figure is hidden/embedded.



(a)

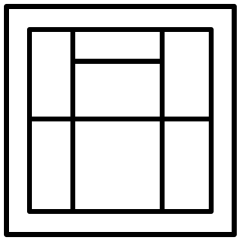


(b)

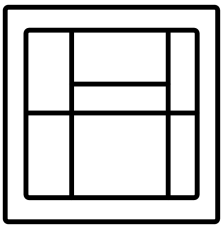


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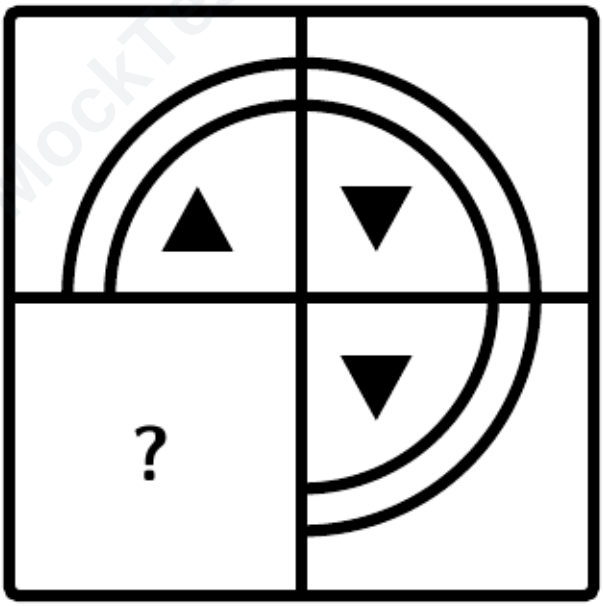
(c)



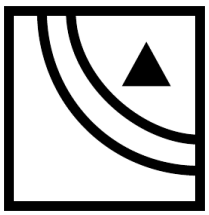
(d)



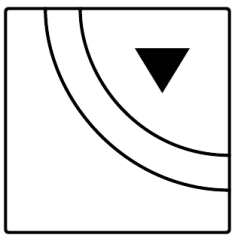
Q30. Which answer figure will complete the pattern in the question figure?



(a)

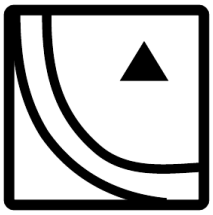


(b)

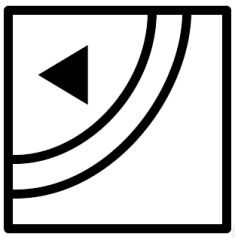


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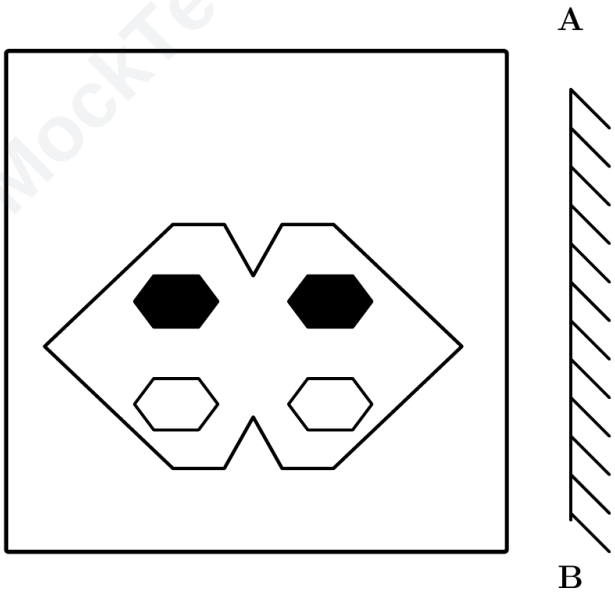
(c)



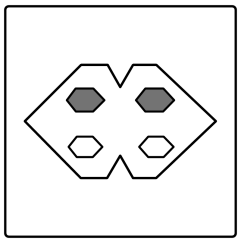
(d)



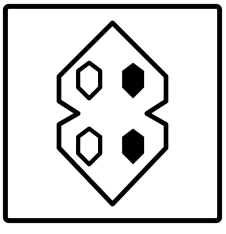
Q31. If a mirror is placed on the line AB, then which of the answer figures is the right image of the given figure?



(a)

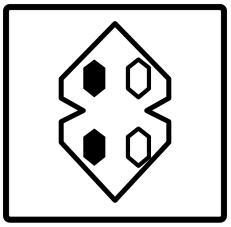


(b)

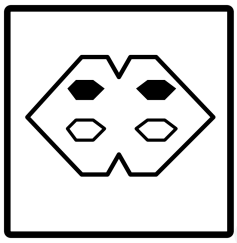


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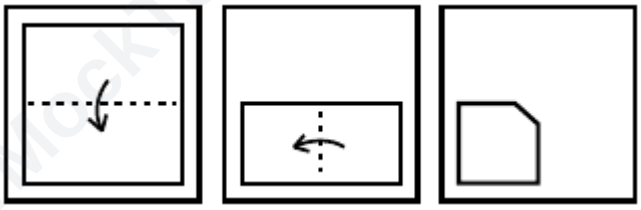
(c)



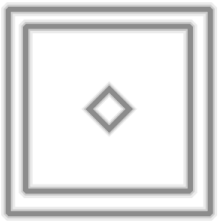
(d)



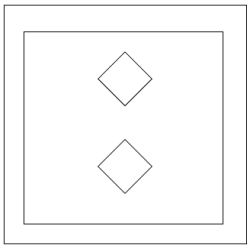
Q32. A piece of paper is folded and punched as shown below in the question figures. From the given answer figures, indicate how it will appear when opened?



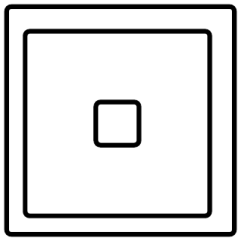
(a)



(b)

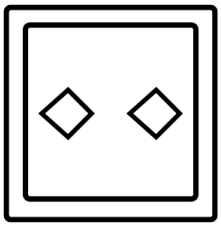


(c)



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(d)



Q33. If '-' means '÷', '+' means '×', '÷' means '-' and '×' means '+', then

49 - 7 × 63 ÷ 2 = ?

(a) 65
(b) 78
(c) 76
(d) 68

Q34. If 4 × 3 × 2 × 6 = 6234 and 6 × 3 × 1 × 2 = 2136, then 9 × 4 × 7 × 1 = ?

(a) 1479
(b) 9174
(c) 1749
(d) 9471

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

1. Ringer
2. Restore
3. Range
4. Rapid
5. Reptile

(a) 34521
(b) 43521
(c) 34251
(d) 43251

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

3, 6, 9, 15, 24, 39, ?

(a) 57
(b) 56
(c) 58
(d) 63

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

B, P, E, M, H, J, K, G, ?, ?

(a) O, B
(b) N, D
(c) L, C
(d) N, B

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

(a) Bottle
(b) Liquid
(c) Vessel
(d) Cup

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

(a) 43 - 52
(b) 67 - 76
(c) 89 - 96
(d) 35 - 44

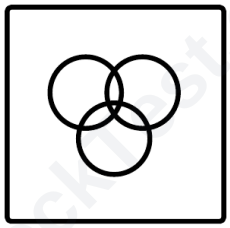
Q40. In the following question, select the odd letters from the odd letters from the given alternatives.

(a) DE
(b) XW
(c) ON
(d) HG

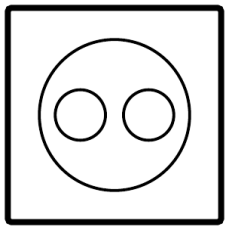
Q41. Identify the diagram that best represents the relationship among the given classes.

Country, State, District

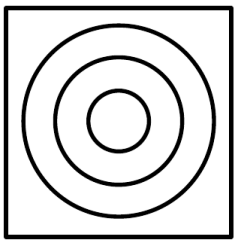
(a)



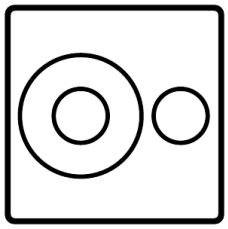
(b)



(c)



(d)



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

Factory : Production ? Hospital

(a) Doctor
(b) Nurse
(c) Treatment
(d) Building

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

145 : 10 ? 243 : ?

(a) 11
(b) 9
(c) 13
(d) 7

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

BP : ES ? NT : ?

(a) PU
(b) QW
(c) QV
(d) PX

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

PITCHINGS

(a) SIP
(b) CHIT
(c) HINGS
(d) HANGS

Q46. Weight of A is twice that of B. Weight of B is half of C. Weight of C is 3 times of E. Weight of E is half of D. Who is the heaviest?

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

Q47. The ratio of present ages of Sumit and Vikram is 4 : 3. After 5 years age of Sumit will be 25 years. What is the present age (in years) of Vikram?

(a) 20
(b) 15
(c) 10
(d) 12

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 conclusions logically follows the given statements.

Statements:

I. All cups are chairs.

II. No chair is table.

Conclusions:

I. Some cups are not tables.

II. Some chairs are cups.

(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, “LIGHT” is written as “KHFGS”. How is “SOUND” written in that code language?

(a) RNTMC
(b) RNTMD
(c) RNSMC
(d) RMTNC

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Q50. In a certain code language, “RAM” is written as “160” and “SUN” is written as “270”. How is “BUS” written in that code language?

(a) 210
(b) 190
(c) 720
(d) 1260

NUMERICAL APTITUDE

Q51. How many positive factors of 24 are there?

(a) 6
(b) 7
(c) 8
(d) 12

Q52. What is the value of $[(1.7)^3 - (1.2)^3] / [(1.7)^2 + (1.7 \times 1.2) + (1.2)^2]$?

(a) 0.5
(b) 2.9
(c) 1.9
(d) 0.7

Q53. What is the value of $\sqrt{(7 + 4\sqrt{3})}$?

(a) $2 - \sqrt{3}$
(b) $2 + \sqrt{3}$
(c) $3 + \sqrt{3}$
(d) $3 - \sqrt{3}$

Q54. A number when divided by 72 leaves remainder 10. What will be the remainder when the same number is divided by 9?

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

Q55. Which of the given value is exactly divisible by 30?

(a) 2530
(b) 1570
(c) 2370
(d) 1520

Q56. How many numbers are there between 200 to 300 which are perfect cubes?

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

Q57. A and B together complete a work in 20 days. B alone can complete the same work in 60 days. They took Rs. 36000 to complete the work. What will be the share of A (in Rs.)?

(a) 18000
(b) 24000
(c) 26000
(d) 22000

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Q58. P, Q and R can complete a work in 20, 15 and 25 days respectively. P, Q and R together took Rs. 9600 to complete the same work. What will be the share (approx.) of Q (in Rs.)?

(a) 4085
(b) 3675
(c) 4500
(d) 3375

Q59. The diagonals of a rhombus are 32 cm and 60 cm. What is the perimeter of the rhombus?

(a) 68
(b) 132
(c) 136
(d) 236

Q60. Three successive discounts of 20%, 30% and 20% are given, what will be the net discount (in percentage)?

(a) 43.76
(b) 55.2
(c) 70
(d) 83.2

Q61. Marked price of an article is 50% more than its cost price. If a discount of 10% is given, then what will be the profit percentage?

(a) 35
(b) 40
(c) 45
(d) 30

Q62. The ratio of monthly income of x and y is 3 : 5 and the ratio of their expenditures is 1 : 2. If each saves Rs. 5000 per month, then what will be the monthly income of x?

(a) 25000
(b) 20000
(c) 18000
(d) 15000

Q63. The ratio of four numbers A, B, C and D is 3 : 7 : 8 : 11 respectively. The sum of B and C is 25 more the sum of A and D. What is the value of (A + D)?

(a) 350
(b) 375
(c) 250
(d) 325

Q64. What is the average of first 12 natural numbers?

(a) 5.5
(b) 6
(c) 6.5
(d) 7

Q65. If selling price is Rs. 100 more than the cost price and profit is 20%, then what is the cost price?

(a) 600
(b) 1000
(c) 800
(d) 500

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Q66. If selling price is Rs. 840 and profit is 5%, then what is the cost price?

(a) 750
(b) 800
(c) 810
(d) 900

Q67. If 20% of A = 30% of B, then B is how much percent less than A?

(a) 20
(b) 25
(c) 33.33
(d) 12.5

Q68. If A is 20% more than B and C is 20% less than B, then C is how much percent less than A?

(a) 40
(b) 44
(c) 33.33
(d) 50

Q69. A train 150 metres long is running at a speed of 15 metres per second. In how much time (in seconds) it will cross a bridge of 300 metre long?

(a) 10
(b) 15
(c) 30
(d) 45

Q70. A boat travels 16 km downstream in 4 hours and 12 km upstream in 6 hours. What is the speed (in km/hr) of boat in still water?

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

Q71. A sum of Rs. 5000 is invested at a scheme of compound interest. The interest rate is 20% per annum. If the interest is compounded half yearly, then what is interest (in Rs.) after 1 year?

(a) 1000
(b) 2200
(c) 1500
(d) 1050

Directions

Directions: The table given below shows the selling price (in Rs./kg) of 4 different items at 5 different shops.

	Selling Price (in Rs/kg)				
Item	Shop 1	Shop 2	Shop 3	Shop 4	Shop 5
A	10	12	14	11	13
B	21	20	22	21	21
C	18	12	14	15	17
D	20	20	19	19	20

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Q72. If a customer purchases 2 kg quantity of each item from Shop 2, then what is the total selling price (in Rs.)?

(a) 128
(b) 164
(c) 140
(d) 132

Q73. If a customer purchases 3 kg quantity of item A from each shop, then what is the total selling price (in Rs.)?

(a) 140
(b) 120
(c) 180
(d) 160

Q74. What is the average selling price (in Rs/kg) of item C?

(a) 16.8
(b) 15.2
(c) 14.6
(d) 13.8

Q75. If one kg of each item is purchased from each shop, then which shop will have the least total selling price?

(a) Shop 1
(b) Shop 4
(c) Shop 2
(d) None of these

GENERAL AWARENESS

Q76. Banking comes under which sector of economic growth?

(a) Primary sector
(b) Secondary sector
(c) Tertiary sector
(d) Quaternary sector

Q77. Which of the following economic activities comes under primary sector?

I. Fishing
II. Dairy
III. Agriculture

(a) Only I
(b) Only II
(c) I, II and III
(d) Both I & II

Q78. In which of the following legislation can be initiated?

(a) Only Lok Sabha
(b) Only Rajya Sabha
(c) Both Lok Sabha and Rajya Sabha
(d) Neither Lok Sabha nor Rajya Sabha

Q79. According to which fundamental right ‘human trafficking’ is prohibited?

(a) Right to Equality
(b) Right against Exploitation
(c) Right to Constitution remedies
(d) Cultural and Educational Rights

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Q80. Who gave the slogan 'Do or Die'?

(a) Bhagat Singh
(b) Subhash Chandra Bose
(c) Jawahar Lal Nehru
(d) Mahatma Gandhi

Q81. Who was the first Mughal Emperor in india?

(a) Babur
(b) Balban
(c) Umar Shaikh
(d) Humanyun

Q82. What is the approximate distance (in million km) of the Sun from the Earth?

(a) 150
(b) 98
(c) 128
(d) 180

Q83. Which is the largest continent by area of Earth?

(a) Australia
(b) Asia
(c) North America
(d) Africa

Q84. Roots absorb water and _____ from the soil.

(a) Minerals
(b) Proteins
(c) Carbohydrate
(d) Fat

Q85. Which body part of fishes helps them to change directions and keep their body balance in water?

(a) Fins and tails
(b) Fins and scale
(c) Tails and scale
(d) Gills and fins

Q86. Which disease is caused by deficiency of vitamin C?

(a) Pellagra
(b) Anemia
(c) Scurvy
(d) Night blindness

Q87. Which mirror has a very wide field of view?

(a) Concave
(b) Convex
(c) Plane
(d) None of these

Q88. What is the unit of conductance?

(a) joule
(b) ohmmeter
(c) mho
(d) ampere

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Q89. In computers the data is stored in which forms?

(a) Octal
(b) Hexadecimal
(c) Binary
(d) Decimal

Q90. Which is the most abundant metal in the earth's crust?

(a) Iron
(b) Silver
(c) Aluminium
(d) Copper

Q91. Which metal melts in the palm?

(a) Potassium
(b) Gallium
(c) Magnesium
(d) Aluminium

Q92. Nitrates, Phosphates, metals are examples of which type of impurities in sewage?

(a) Organic
(b) Inorganic
(c) Nutrients
(d) None of these

Q93. What is Pradhan Mantri Jeevan Jyoti Bima Yojana?

(a) A health insurance scheme
(b) A financial inclusion scheme
(c) A life insurance scheme
(d) An accident insurance scheme

Q94. Who among the following invented Electric Motor?

(a) Euclid
(b) Sir Chandrasekhara Venkata Raman
(c) Michael Faraday
(d) John Dalton

Q95. Who won the 2017 Men's Single Wimbledon Championship?

(a) Roger Federer
(b) Andy Murray
(c) Novak Djokovic
(d) Rafael Nadal

Q96. 'Hornbill Festival' which is also called 'the Festival of Festivals' is celebrated in which state?

(a) Bihar
(b) Nagaland
(c) Kerala
(d) Karnataka

Q97. Who won the Man Booker International Prize 2017?

(a) David Grossman
(b) Arundhati Roy
(c) Arvind Adiga
(d) Ruskin Bond

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Q98. Who is the author of the book named 'Indian Parliamentary Diplomacy'?

(a) Meira Kumar
(b) L.K. Advani
(c) Andy Marino
(d) Mamata Banerjee

Q99. What is the name of joint bi-annual military exercise conducted by India and Russia?

(a) VAJRA
(b) INDRA
(c) CHAKRA
(d) DHANUSH

Q100. What is the economic bedrock of the India-Bhutan relationship?

(a) Hydro-electric Power Generation
(b) Parliamentary Traditions
(c) Fertilizers, Pesticides and Plastics
(d) Cement Industries

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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