

Q1. A man moves 100 m towards east, he turns to his right and moves 100 m . Then he moves 50 m turning to his left and again turns to his left and moves 50 m . Finally he turns to his left and moves 150 m . How far is he from the starting point?

1) 0 m
2) 50 m
3) 100 m
4) 150 m

Q2. In a certain code language TEACHER is written as VGCEJGT. How will CHILDREN be written in that code language?

1) EJKNFTGP
2) EJKNFGTO
3) EJKNEGTP
4) None of these

Q3. In a certain code language CALANDER is written as CLANAEDR. How swill CIRCULAR be written in that code language?

1) CRIUCALR
2) ICRCLUAR
3) CRIUCLRA
4) ICCRLURA

Q4. Which one set of letters when placed sequentially at the gaps in the given letter series shall complete in?
ab_c_a_aa_ac_ac_

1) abcbca
2) $a c b c b a$
3) abcbba
4) $b c a b a b$

Q5. In the following question a group of letters is given. Each letter bears certain mark (A, B, C, D
$\qquad$ ). Four combinations of marks are then given. Select that combination which would form a meaningful word.
A) $M$
B) N
C) I
D) N
E) $R$
F) A

1) $B, E, F, A, C, D$
2) $C, B, E, D, A, F$
3) $A, F, E, C, D, B$
4) $E, B, A, F, C, D$

Q6. In a certain code language the number ' 13479 ' is written as 'AQFJL' and ' 2568 ' is written as 'DMPN'. How will '396824' be written in that code language?

1) QLPNDF
2) QLPNMJ
3) QLPNMF
4) QLPMNF

Q7. Pointing towards a man Rohit said, "His son is uncle of my son". How is that man related to Rohit?

1) Father
2) Grandfather
3) Uncle
4) Brother

Q8. $A$ and $B$ are married couple. $X$ and $Y$ are brothers to each other. $X$ is brother of $A$. How is $Y$ related to B?

1) Brother
2) Cousin
3) Son-in-law
4) Brother-in-law

Q9. In this question, first two words have relationship between them. The third word and the word that should come at the place of question mark also have a similar relationship, Identify from among the alternative words below which should come at the place of question-mark.

Country : President :: State : ?

1) Member of Parliament
2) Member of Legislative Assembly
3) Minister
4) Governor

Q10. A. TRAVERSE
B. TREASURE
C. TRAPEZE
D. TREADLE
E. TRAVAIL

The correct sequence of the words is:

1) $E, A, B, C, D$
2) $C, E, A, D, B$
3) $A, B, E, D, C$
4) $A, E, B, D, C$

Directions (11-12): In each of the following questions, four words have been given. Three of these are alike in some manner and one is different. Identify the odd one.

Q11. 1. Feather
2. Hair
3. Grass
4. Wool

1) 1
2) 2
3) 3
4) 4

Q12. 1. Telescope
2. Telephone
3. Tape Recorder
4. Transistor

1) 1
2) 2
3) 3
4) 4

Q13. Find out the missing number
$6,13,25,51,101$, ?

1) 204
2) 278
3) 203
4) 254

Directions (14-15): In each of the questions four figures $A, B, C$ and $D$ are given. Which among the figures $P, Q, R$ and $S$ given below to them can continue the series $A, B, C, D$ ?


1) $P$
2) $Q$
3) $R$
4) S


Q15.

1) $P$
2) $Q$
3) $R$
4) S

Directions (16-17): In each of the following questions problem figures $1,2,3,4$ and 5 constituting a continuous series with a gap marked (?) are given. Which among the figures given below marked 1, 2,3 and 4 can fill in the gap?


Q16.

1)
2)
3)
4)

2)
3)
4)

Directions (18-19): In these questions, an incomplete figure is given. Which of the four small figures given below, marked 1,2,3 and 4 can complete the given incomplete figure?

(2)

(3)

(4)


Q18.
1)
2)
3)
4)

12)
(2)



Q19.
1)
2)
3)
4)

Directions (20-21): In each of the questions, figure drawn on a transparent paper is given below. Which form among the four figures marked $1,2,3$ and 4 will it take. If it is folded along the dotted line.


Q20.

1)
2)
3)
4)
21.

(3)

(4)


Q21.
1)
2)
3)
4)

Directions (22-23): In each of the following questions, five figures marked 1, 2, 3, 4 and 5 have been given. The positions of which of the two of these figures should be exchanged to make the figure series a continuous one?

Q22.


1) 2 and 3
2) 2 and 4
3) 1 and 4


Q23.

1) 2 and 3
2) 3 and 4
3) 2 and 5
4) 3 and 5

Q24. Identify the wrong number which does not fit into the series:
$4,8,27,80,244,728$

1) 8
2) 27
3) 80
4) 244

Q25. Find out the missing letters in the following letter series:
FEDABLKJGHRQ? ?

1) MN
2) KNP
3) QP
4) $P M$

## Numerical Ability

Q26. The denominators of two fractions are respectively 5 and 7 . The sum of these two fraction is $\frac{41}{35}$. If the numerators of these fraction are interchanged, then the sum becomes $\frac{43}{45}$. Find the fractions:

1) $\frac{2}{5}, \frac{4}{7}$
2) $\frac{3}{5}, \frac{4}{7}$
3) $\frac{4}{5}, \frac{2}{7}$
4) $\frac{3}{5}, \frac{5}{7}$

Q27. Three numbers are in the ratio $1: 2: 3$ respectively and their HCF is 12 . Find the numbers.

1) $4,18,12$
2) $5,12,15$
3) $12,24,30$
4) $12,24,36$

Q28. Two trains are about to collie. They are 65 miles apart. The train coming from north is running at 55 miles per hour and the train coming from south is running at 80 miles per hour. How far they would be two minutes before the collision?

1) 4 miles
2) 4.5 miles
3) 5 miles
4) Cannot be determined

Q29. What is the number, the two times of which is 99 more than the one-half of that number?

1) 74
2) 64
3) 66
4) 88

Q30. If $25 \%$ of a number is subtracted from another number the second number becomes $5 / 6^{\text {th }}$ of it. What is the ratio between the first number and the second number?

1) $1: 3$
2) $2: 3$
3) $3: 2$
4) Data inadequate

Q31. A man gains the selling price of 13 dozen of mangoes by selling 38 dozen of mangoes. Find the gain percent.

1) $28 \%$
2) $33 \%$
3) $40 \%$
4) $50 \%$

Q32. The place value of 5 in 0.078643 is

1) $5 / 100$
2) $5 / 1000$
3) $5 / 10000$
4) $5 / 10$

Q33. $\frac{(16)^{2} \times(12)^{2}}{192}$ is equal to

1) 384
2) 96
3) 192
4) 209

Q34. $0.8 \times 0.8 \times 0.8+8$ is equal is

1) 0.74
2) 1.44
3) 0.65
4) 0.62

Q35. $\frac{\sqrt{64}}{\sqrt{225}}+\frac{\sqrt{81}}{\sqrt{49}} \times \frac{3}{7}$ is equal to

1) $7 / 45$
2) $8 / 45$
3) $11 / 45$
4) $6 / 45$

Q36. Find the HCF of $105,70,210$

1) 70
2) 5
3) 10
4) 35

Q37. Find the LCM of $\frac{3}{8}, \frac{9}{16}, \frac{27}{40}$

1) $8 / 27$
2) $9 / 40$
3) $27 / 8$
4) $27 / 80$

Q38. Find the smallest number which is completely divisible by $8,9,12,15$ and 18 and is a perfect square.

1) 900
2) 14400
3) 6400
4) 3800

Q39. If 20 is added to $60 \%$ of a number, then the number itself is obtained. Find the number.

1) 360
2) 300
3) 320
4) 240

Q40. A contractor envisages to construct a bridge in 40 days. He employed 100 men on work initially and 100 more men were engaged after 35 days and the work was completed on time. If he had not engaged more men then in how many days the work was to be completed?

1) 3
2) 5
3) 6
4) 9

Q41. A moneylender lends Rs. 4000 for 3 years to a rural man. The rate of simple interest on some part of money is $10 \%$ and on the remaining amount it is $12 \%$. He gets Rs. 5350 after three years. Find the amount lent on $12 \%$.

1) Rs. 2000
2) Rs. 2250
3) Rs. 2500
4) Rs. 2750

Q42. A 2 metre path surrounds a square field. If the area of path is 72 sq . m . then find the area of the field.

1) $70 \mathrm{sq} . \mathrm{m}$
2) $68 \mathrm{sq} . \mathrm{m}$
3) $49 \mathrm{sq} . \mathrm{m}$
4) $80 \mathrm{sq} . \mathrm{m}$

Q43. A right angled triangle is inscribed in a circle of radius 10 cm and the side of triangle is diameter of the circle. If the perimeter of the triangle is 48 cm , find the other two sides of the triangle.

1) 13 cm and 15 cm
2) 14 cm and 14 cm
3) 12 cm and 16 cm
4) 10 cm and 18 cm

Q44. M and n are two integers. If $\mathrm{m}^{\mathrm{n}} 25$ then what is the value of $\mathrm{n}^{\mathrm{m}}$ ?

1) 4
2) 10
3) 25
4) 32

Q45. The decimal equivalent $36 / 10000$ is:

1) 0.0360
2) 0.00036
3) 0.00036
4) 0.3600

Q46. $0.006 \times 0.0009=$ ?

1) 0.0000054
2) 0.000054
3) 0.0054000
4) 0.0005400

Q47. Santosh invested a sum of Rs. 10,000 at 10\% compound interest for 3 years. How much amount will he get after 3 years?

1) Rs. 12,310
2) Rs. 13,310
3) Rs. 13,210
4) Rs. 13,320

Q48. If a man sells an article for Rs. 1600 he incures a loss equal to the profit if he sells that article for Rs. 2000. Find the CP of that article.

1) Rs. 1800
2) Rs. 1700
3) Rs. 1900
4) Rs. 1550

Q49. What is the value of $P$ in equation $P \times 13=525720$ ?

1) 44040
2) 40404
3) 40044
4) 40440

Q50. A boat covers 40 km downstream in 4 hours and returns in 5 hours upstream. Find the speed of boat in still water.

1) 1 kmph
2) 4 kmph
3) 9 kmph
4) 6 kmph

## General Knowledge \& Current Affairs

Q51. Which of the following is referred to as 'Information Highway'?

1) Radar
2) Sonar
3) Internet
4) None of these

Q52. Which of the following devices connects computer with tele phone?

1) Internet
2) Modem
3) Intranet
4) All of the above

Q53. The planets revolve round the sun due to

1) Frictional Force
2) Centrifugal Force
3) Inertial Force
4) Centripetal Force

Q54. Who among the following is considered as 'Father of Indian Ballistic Missile Programme'?

1) APJ Abdul Kalam
2) Dr. HJ Bhabha
3) Vikram Sarabhai
4) Dr. Kasturirangan

Q55. What is the source of electrical energy in artificial satellites?

1) Solar heat
2) Solar radiation
3) Solar cell
4) None of these

Q56. The Life Insurance Corporation of India (LIC) has its offices in which of the following countries?

1) Fij
2) Mauritius
3) United Kingdom
4) All of the above

Q57. Who among the following has written the book titled "Dreams From My Father"?

1) Steve Harvey
2) YV Reddy
3) Barack Obama
4) None of these

Q58. Which of the following is not a plan of the LIC?

1) Jeevan Shree
2) Jeevan Bodh
3) Jeevan Saral
4) Jeevan Anurag

Q59. Which of the following is an ideal LIC Policy for the persons having irregular but good periodical in come?

1) Bima Nivesh 2005
2) Wealth Plus
3) Jeevan Tarang
4) Jeevan Surabhi

Q60. Who among the following was the first President of the Council of Scientific and Industrial Research?

1) Lal Bahadur Shastri
2) Maulana Azad
3) Dr. Radhakrishnan
4) Jawahar Lal Nehru

Q61. Gyatri mantra is dedicated to

1) Indra
2) Mitra
3) Savitri
4) Varun

Q62. The capital of Maltrak rulers was

1) Vallabhi
2) Besnagar
3) Ujjain
4) Gandhar

Q63. What is the full from of MICR the technique used for clearance of cheques by banks?

1) Magnetic intelligence Character Recognition
2) Magnetic Information Cable Recognition
3) Magnetic Insurance Cases Recognition
4) Magnetic Ink Character Recognition

Q64. If the Panchayat is dissolved the ejection must be held within

1) one month
2) 4 months
3) 6 months
4) one year

Q65. Who among the following is the founder member of World Economic Forum?

1) Klass Shwab
2) Robert Joelick
3) Paul Krugman
4) Kenneth Galbraith

Q66. The Chief Justice of the Supreme Court who gave the concept of 'Public Interst Litigation'

1) PN Bhagwati
2) KS Hegde
3) Prasad Rajendran
4) AN Ray

Q67. The President of India who was associated with the Trade Union Movement

1) N Sanjeeva Reddy
2) Zakir Hussain
3) KR Narayanan
4) VV Giri

Q68. The Central Government received maximum revenue during 2008-09 from which of the following taxes?

1) Income Tax
2) Corporation Tax
3) Custom Duty
4) Excise Tax

Q69. Who among the following won the men's singles title at the French Open tennis 2009?

1) Robin Soderling
2) Andy Murray
3) Roger Federer
4) Andy Roddick

Q70. The concept of carbon credit was evolved from

1) Earth Summit, Rio de Janeiro
2) Montreal Protocol
3) Kyoto Protocol
4) Shanghai Protocol

Q71. Who among the following won the Pantaloon's Femina Miss India World 2009 title?

1) Pooja Chopra
2) Ekta Choudhary
3) Shrtya Kishore
4) Nupur Sinha

Q72. Which of the following has maximum energy?

1) Blue light
2) Yellow light
3) Red light
4) Green light

Q73. In which of the following Vedic hymns there is reference of the origin of four Varnas?

1) Nasadiya
2) Purush
3) Aamyani
4) Ushash

Q74. Shahjahan annexed $\qquad$ to the Mughal Empire.

1) Ahmadnagar
2) Golcunda
3) Bijapur
4) Khandesh

Q75. Who among the following first deciphered the Brahmi script?

1) William Jones
2) James Princep
3) John Marshal
4) Macaulay

## English

Directions (76-80): In each of the following questions, find out which part of the sentence has an error. If there is no mistake the answer is 'No error':

Q76. My father is 1)/ in bad mood 2)/ today, 3)/ No error 4)
1)
2)
3)
4)

Q77. The accelerating pace of life in our metropolitan city 1)/ has had the tremendous effect 2)/ on the culture and life style of the people. 3)/ No error 4)
1)
2)
3)
4)

Q78. The school is 1)/ with in hundred yards 2)/ from my house. 3)/ No error 4)
1)
2)
3)
4)

Q79. Both the civilians 1)/ and army men 2)/ joined the first world war 3)/ No error 4)
1)
2)
3)
4)

Q80. The famous Dr. Chandra 1)/ is only dentist 2)/ in our village. 3)/ No error 4)
1)
2)
3)
4)

Directions (81-85): In each of the following questions, out of the given alternatives, choose the one which best expresses the meaning of the given word.

Q81. GRUESOME

1) Hateful
2) Painful
3) Tragic
4) Frightful

Q82. SECURE

1) Secret
2) Comfortable
3) Safe
4) Independent

Q83. TYRANNY

1) Misrule
2) Power
3) Madness
4) Cruelly

## Q84. OBLIGATORY

1) Useful
2) Required
3) Stubborn
4) Agreeable

Q85. CONNOESSEUR

1) Ignorant
2) Interpreter
3) Delinquent
4) Lover of art

Directions (86-90): In each of the following question, choose the word opposite in meaning to the given word.

Q86. START

1) Close
2) Shut
3) End
4) Finish

Q87. UNIVERSAL

1) Narrow
2) Regional
3) Miniature
4) Subsidiary

Q88. ALIVE

1) Passive
2) Dead
3) Asleep
4) Drowsy

Q89. ANCESTORS

1) Supporters
2) Disciples
3) Followers
4) Descendants

Q90. SYNTHETIC

1) Cosmetic
2) Plastic
3) Affable
4) Natural

Directions (91-95): In each of the following questions, a sentence is given with a blank to be filled in with an appropriate word Four alternatives are suggested for each question. Choose the correct alternative.

Q91. If a universal language really existed people like tourists and businessmen would find it easier to $\qquad$ with foreigners.

1) transact
2) communicate
3) deal
4) exchange

Q92. On account of his humiliating defeat in the recent elections, he appeared unusually $\qquad$ when I called on him the other day.

1) oppressed
2) repressed
3) depressed
4) suppressed

Q93. You need $\qquad$ shoes for walking in the hills.

1) good
2) comfortable
3) satisfactory
4) sturdy

Q94. Amongst the two brothers, Sameer being worthier often $\qquad$ the younger Deepak.

1) dominates
2) eclipses
3) subdues
4) overshadows

Q95. It was difficult to see through the $\qquad$ of the head lights of the cars.

1) shine
2) glare
3) dazzle
4) brilliance

Directions (96-100): In each of the following questions, out of the four alternatives, choose the one which can be substituted for the given words/sentence.

Q96. To cause troops etc. to spread out in readiness for battle

1) Align
2) Collocate
3) Deploy
4) Disperse

Q97. One who forcibly seizes control of a bus or an aircraft

1) Pirate
2) Swindler
3) Hijacker
4) Pilferer

Q98. The act of killing one's wife

1) Genocide
2) Uxoricide
3) Canicide
4) Avicide

Q99. Music sung or played at night be low a person's window

1) Serenade
2) Sonnet
3) Lyric
4) Primo

Q100. A government by the nobles

1) Democracy
2) Bureaucracy
3) Autocracy
4) Aristocracy

Answer Key

| Q. 1 | 2 |
| :---: | :---: |
| Q. 2 | 1 |
| Q. 3 | 1 |
| Q. 4 | 3 |
| Q. 5 | 4 |
| Q. 6 | 1 |
| Q. 7 | 1 |
| Q. 8 | 4 |
| Q. 9 | 4 |
| Q. 10 | 2 |
| Q. 11 | 3 |
| Q. 12 | 1 |
| Q. 13 | 3 |
| Q. 14 | 3 |
| Q. 15 | 1 |
| Q. 16 | 3 |
| Q. 17 | 4 |
| Q. 18 | 2 |
| Q. 19 | 1 |
| Q. 20 | 1 |
| Q. 21 | 3 |
| Q. 22 | 2 |
| Q. 23 | 4 |
| Q. 24 | 2 |
| Q. 25 | 4 |


| Q. 26 | 2 |
| :---: | :---: |
| Q. 27 | 4 |
| Q. 28 | 2 |
| Q. 29 | 3 |
| Q. 30 | 2 |
| Q. 31 | 4 |
| Q. 32 | 3 |
| Q. 33 | 3 |
| Q. 34 | 1 |
| Q. 35 | 2 |
| Q. 36 | 4 |
| Q. 37 | 3 |
| Q. 38 | 4 |
| Q. 39 | 2 |
| Q. 40 | 2 |
| Q. 41 | 3 |
| Q. 42 | 3 |
| Q. 43 | 3 |
| Q. 44 | 4 |
| Q. 45 | 2 |
| Q. 46 | 1 |
| Q. 47 | 2 |
| Q. 48 | 1 |
| Q. 49 | 4 |
| Q. 50 | 3 |


| Q. 51 | 3 |
| :---: | :---: |
| Q. 52 | 2 |
| Q. 53 | 4 |
| Q. 54 | 1 |
| Q. 55 | 3 |
| Q. 56 | 4 |
| Q. 57 | 3 |
| Q. 58 | 2 |
| Q. 59 | 1 |
| Q. 60 | 4 |
| Q. 61 | 3 |
| Q. 62 | 1 |
| Q. 63 | 4 |
| Q. 64 | 3 |
| Q. 65 | 1 |
| Q. 66 | 1 |
| Q. 67 | 4 |
| Q. 68 | 2 |
| Q. 69 | 3 |
| Q. 70 | 2 |
| Q. 71 | 1 |
| Q. 72 | 1 |
| Q. 73 | 2 |
| Q. 74 | 1 |
| Q. 75 | 2 |


| Q. 76 | 2 |
| :---: | :---: |
| Q. 77 | 2 |
| Q. 78 | 2 |
| Q. 79 | 2 |
| Q. 80 | 2 |
| Q. 81 | 4 |
| Q. 82 | 3 |
| Q. 83 | 4 |
| Q. 84 | 2 |
| Q. 85 | 2 |
| Q. 86 | 4 |
| Q. 87 | 2 |
| Q. 88 | 2 |
| Q. 89 | 4 |
| Q. 90 | 1 |
| Q. 91 | 2 |
| Q. 92 | 3 |
| Q. 93 | 2 |
| Q. 94 | 4 |
| Q. 95 | 3 |
| Q. 96 | 3 |
| Q. 97 | 3 |
| Q. 98 | 2 |
| Q. 99 | 1 |
| Q. 100 | 4 |

