

GENERAL KNOWLEDGE

- An electric switch is always connected to the
 - earth wire
 - neutral wire
 - live wire
 - None of these
- The East Central Railway Zone headquarters is located at
 - Patna
 - Hajipur
 - Muzaffarpur
 - Katihar
- Indian National Congress was founded by
 - Jawaharlal Nehru
 - Michael Hume
 - Allan Octavian Hume
 - Mahatma Gandhi
- The ozone layer in the atmosphere is at a height of about
 - 75 km
 - 50 km
 - 100 km
 - 300 km
- The highest wheat-producing State of India is
 - Haryana
 - Punjab
 - Bihar
 - Uttar Pradesh
- Army Day is celebrated on in India, in recognition of Field Marshal K. M. Cariappa's taking over as the first Commander-in-Chief of the Indian Army from Sir Francis Boucher in 1948.
 - January 20th
 - January 12th
 - January 15th
 - December 26th
- The most powerful computer is
 - Super computer
 - Microcomputer
 - Minicomputer
 - All of the above
- An ecosystem is a/an
 - undisturbed natural area
 - system of organisms and their environment
 - area rich in wildlife having no humans
 - very large area of uniform environmental conditions
- Whose death is unknown in 1857 Revolt?
 - Tantiya Topa
 - Nana Saheb
 - Rani Jhansi
 - Bahadur Shah 'Jafar'
- Indira Gandhi Award for National Integration was accorded by which of the political parties?
 - Indian National Congress
 - Bharatiya Janata Party
 - CPI
 - Samajwadi Party
- The celebrated novel 'The God-father' was authored by
 - John Milton
 - Victor Hugo
 - Marino Pazo
 - Harold Robbins
- The first lady of the Indian screen to had been nominated to the Rajya Sabha is
 - Nargis
 - Madhubala
 - Hema Malini
 - Shobhana Bhartiya
- Indian first took part in the Summer Olympic Games in the year:
 - 1920
 - 1928
 - 1972
 - 1974
- Which of the following disease occurs due to the bacterial infections?
 - Small pox
 - Mumps
 - Leprosy
 - Asthma
- When does World Health Organization organize 'World Aids Day'?
 - 1st December
 - 2nd December
 - 10th December
 - 15th December
- Which one of the following peripherals cannot serve as both input and output devices?
 - Tele-printer
 - Floppy disk drives
 - Scanner
 - Optical disc drives
- How many squares are there in a Chess Board?
 - 25
 - 64
 - 32
 - 72
- The headquarters of the International Court of Justice is at:
 - Geneva
 - The Hague
 - Rome
 - Vienna
- One cannot see through fog because
 - fog absorbs light
 - the refractive index of fog is infinity
 - light suffers total reflection at the droplets in fog
 - light is scattered by the droplets in fog
- Which of the following year was celebrated as International Year of the Shark?
 - 2006
 - 2010
 - 2009
 - 2012
- When is World Environment Day, recognised by the UN?
 - December 11th
 - December 12th
 - September 15th
 - June 5th
- Which Sikh guru was given land by Akbar for construction of Harmandir Sahib (Golden temple)?
 - Guru Angad
 - Guru Amaradas
 - Guru Ramdas
 - Guru Arjan Dev
- Rangji Trophy is associated with
 - Hockey
 - Football
 - Cricket
 - None of these
- Who among the following was the first Indian to receive the Magsoy award?
 - Vinoba Bhave
 - Mother Teresa
 - R. K. Laxman
 - T. N. Seshan
- Which country won the One day Cricket World Cup in 2011?
 - Sri Lanka
 - Australia
 - Pakistan
 - India

NUMERICAL

26. How is $\frac{3}{4}$ expressed as percent-
age?
(1) 0.75% (2) 7.5%
(3) 60% (4) 75%
27. The difference between the
simple interest received from
two different sources on Rs.
1500 for 3 years is Rs. 13.50.
The difference between their
rates of interest is :
(1) 0.1% (2) 0.2%
(3) 0.3% (4) 0.4%
28. If 5 boys take 7 hours to pack
35 toys, how many boys can
pack 65 toys in 3 hours?
(1) 25 (2) 30
(3) 45 (4) None of these
29. $\frac{(238 + 131)^2 + (238 - 131)^2}{238 \times 238 + 131 \times 131} = ?$
(1) 4 (2) 2
(3) 8 (4) 9
30. Find the value of (?) in the fol-
lowing question.
 $\frac{6}{50} = \frac{\sqrt{?}}{200}$
(1) 485 (2) 570
(3) 349 (4) 624
31. Harsha makes a fixed deposit
of Rs. 20000 in Bank of India
for a period of 3 years. If the
rate of interest be 13% SI per
annum charged half-yearly,
what amount will he get after
42 months?
(1) Rs. 27800 (2) Rs. 28100
(3) Rs. 29100 (4) Rs. 30000
32. There are 1240 employees in an
organization out of which 25%
are promoted. How many such
employees are there who got
promotion?
(1) 308 (2) 345
(3) 310 (4) 372
33. What will be the difference be-
tween compound and simple
interest on Rs. 11,000 for 2
years at 6% p.a.?
(1) Rs. 39.60 (2) Rs. 41.40
(3) Rs. 38.70 (4) Rs. 38.50

34. A man bought toffees at 6 for
a rupee. How many toffees for
a rupee must he sell to gain
50%?
(1) 5 (2) 3
(3) 4 (4) 6
35. Find the HCF of $\frac{5}{6}$, $\frac{15}{8}$ and
 $\frac{34}{32}$
(1) 1.5 (2) 2.5
(3) 3.5 (4) None of these
36. Find the value of :
 $\frac{0.87 \times 0.87 \times 0.87}{0.87 \times 0.87 - 0.87}$
 $\frac{+0.13 \times 0.13 \times 0.13}{+0.13 \times 0.13 \times 0.13}$
(1) 0.13 (2) 0.74
(3) 0.9 (4) 1
37. The simple interest on a cer-
tain sum for 2 year is Rs. 120
and compound interest is Rs.
129. Find the rate of interest.
(1) 14% (2) 15%
(3) 12% (4) $12\frac{1}{2}\%$
38. Find the value of (?) in the fol-
lowing question.
 $\sqrt{1089} + \sqrt{3889} = \sqrt{?}$
(1) 625 (2) 50
(3) 2500 (4) 1378
39. Find the value of (?) in the fol-
lowing question.
 $5040 - 30 + 6 = ?$
(1) 40 (2) 33
(3) 48 (4) 52
40. Find the value of (?) in the fol-
lowing question.
 $489157 + 9999 = ?$
(1) 4989970843
(2) 4989970743
(3) 4091308843
(4) 584649125
41. A can do a piece of work in 20
days which B can do in 12
days. B worked at it for 5 days.
A can finish the remaining
work in :
(1) 3 days (2) 5 days
(3) 7 days (4) 11 days

42. Average of 5 numbers is 50. If
every number is multiplied by
2, find the new average.
(1) 52 (2) 48
(3) 100 (4) 25
43. Find the average of first ten
prime numbers.
(1) 12.9 (2) 11.9
(3) 16.4 (4) 13.8
44. Find the value of (?) in the fol-
lowing question.
 $\left\{ \frac{1}{3} + \frac{1}{6} + \frac{1}{12} + \frac{1}{20} + \dots + \frac{1}{n(n+1)} \right\} = ?$
(1) $\frac{1}{n}$ (2) $\frac{1}{n+1}$
(3) $\frac{n}{n+1}$ (4) $\frac{2(n-1)}{n}$
45. If $\frac{a}{3} = \frac{b}{8}$, then $(a+3) : (b+8)$
 $= ?$
(1) 3 : 8 (2) 8 : 3
(3) 5 : 8 (4) 3 : 5
46. A man sells his typewriter at
5% loss. If he sells it for Rs.
80 more, he gains 5%. The cost
price of typewriter is
(1) Rs. 1600 (2) Rs. 1200
(3) Rs. 1000 (4) Rs. 800
47. If $a : b = 3 : 4$ and $b : c = 8 : 9$,
then $a : c = ?$
(1) 1 : 2 (2) 3 : 2
(3) 1 : 3 (4) 2 : 3
48. In a ΔABC if $2\angle A = 3\angle B$
 $= 6\angle C$, then $\angle B = ?$
(1) 30° (2) 90°
(3) 60° (4) 45°
49. A car covers a distance from
town A to town B at the speed
of 58 kmph and covers the dis-
tance from town B to town A
at the speed of 52 kmph. What
is the approximate average
speed of the car?
(1) 55 kmph (2) 52 kmph
(3) 48 kmph (4) 60 kmph
50. A man covers half of his jour-
ney at 8 kmph and the remain-
ing half at 3 km/hr. His aver-
age speed is :
(1) 3 kmph (2) 4 kmph
(3) 4.5 kmph (4) 9 kmph

ENGLISH

- 51.** Choose the option that describes the meaning of the following idiom and phrase :
To draw the line :
- (1) to decide one's occupation
(2) to prepare for a battle
(3) to set limits
(4) to withdraw from activity
- 52.** In the following question identify the correct sentence(s).
- I. Those not under the confluence with the mask are much more concerned with the things at hand.
II. They see no reason of building castles in the air and certainly no reason to go live in them.
III. They will not dare to dream and will like things to be as they appear or seem to appear.
IV. They do not question and certainly do not venture to know more than what is let known to them by their predecessors.
- (1) I and II (2) I, III and IV
(3) I, II and III
(4) None of these
- 53.** Find the synonym of :
AMBITION
- (1) Expectation (2) Desire
(3) Aspiration (4) Goal
- 54.** In the following question identify the correct sentence(s).
- I. The weather can't be predictable.
II. Poisonous snakes can be easily identified.
III. He thinks so much about his career that he has no time for their family.
IV. The new wind screen designs are supposed to be in the process of being destructible by vandals.
- (1) I and IV (2) I, II and III
(3) II only (4) III and II
- 55.** Fill in the blanks with appropriate conjunction :
I go to Mexico every year so I _____ Spanish.

- (1) used to speak
(2) am used to speaking
(3) has to have called
(4) must have called
- 56.** Find the synonym of :
ADMIT
- (1) Decide (2) Realise
(3) Accept (4) Commit
- 57.** Find out which part of the sentence has an error. If there is no mistake, the answer is (4).
The blinds (1)/ deserve (2) / our sympathy (3) / No error (4)
- 58.** Analogies for :
WHEEL : SPOKE ::
- (1) tea : sugar (2) pen : cap
(3) ladder : rung
(4) lever : balance
- 59.** Analogies for :
FEATHER : BIRD ::
- (1) snake : scale
(2) bark : tree
(3) human : epidermis
(4) hump : camel
- 60.** Antonym for :
IGNORE
- (1) acknowledge
(2) infallible
(3) anarchy (4) infidel
- 61.** Choose the most suitable preposition :
A father is blind _____ the faults of his son.
- (1) of (2) to
(3) with (4) in
- 62.** Find the synonym of :
CONTROL
- (1) Restrain (2) Influence
(3) Regulate (4) Dominate
- 63.** On the basis of the given sentence pick out the correct sentence converted in Interrogative from the given options :
The moon is shining in the sky.
- (1) will The moon shine in the sky ?
(2) is the moon shiring in the sky ?
(3) shall The moon shine in the sky ?
(4) The moon shines on the sky

- 64.** Antonym for :
DARK
- (1) illuminated (2) obscure
(3) scarce (4) devout
- 65.** Choose the most suitable preposition :
We must conform _____ the rules of the game.
- (1) in (2) at
(3) from (4) to
- 66.** Find out the error part of the following sentence :
Whatever work (1)/ that which you undertake (2)/ put your best (3)/ efforts in it. (4)
- 67.** Find out which part of the sentence has an error. If there is no mistake, the answer is (4).
None could (1)/ dare to encroach (2)/ on his rights. (3)/ No error (4)
- 68.** Choose the suitable option that describes the meaning of the words or phrases printed in italics in the following sentences :
- They sold his house because it was a real *white elephant* .
- (1) an expensive one
(2) a big one
(3) a useless one
(4) a rare thing
- 69.** Antonym for :
COLOURED
- (1) troubled
(2) anfractuous
(3) ashen
(4) complexion
- 70.** On the basis of the given sentence pick out the correct sentence converted in Past Tense from the given options :
He has two pens.
- (1) He have two pens.
(2) He will have two pens.
(3) He will has two pens.
(4) He had two pens.
- 71.** Fill in the blank with appropriate given option:
The Ganga is _____ holy River.
- (1) a (2) an
(3) the (4) that
- 72.** Fill in the blanks with appropriate conjunction :

Melanie _____ at the moment.

- (1) eating (2) is eating
(3) are eating (4) is eat

73. Fill in the blank with appropriate given option :

Are you going to _____ market?

- (1) a (2) an
(3) the (4) that

74. Find out which part of the sentence has an error. If there is no mistake, the answer is (4). He was honorably (1)/ acquitted from (2)/ the charge (3)/ No error. (4)

75. Find out the error part of the following sentence :

The villagers fled away their houses (2)/ when they saw (3)/ the flood water rising (3)/ No error. (4)

REASONING

76. Find out the missing number in the following :



- (1) 28 (2) 36
(3) 81 (4) 40

77. A man said to woman, "Your mother's husband's sister is my aunt". How is the woman related to the man?

- (1) Grand-daughter
(2) Daughter
(3) Sister (4) Aunt

78. How many 0's are there in the following number series which are not immediately followed by 3 but immediately preceded by 2?

72034042042070380203042047

- (1) Two (2) Four
(3) Five (4) Three

79. Jayesh is as much younger to Anil as he is older to Prashant. If the sum of the ages of Anil

and Prashant be 48 years, what is the age of Jayesh?

- (1) 20 years (2) 24 years
(3) 30 years
(4) None of these

80. Find out the missing number in the following :

14	28	42
2	4	6
35	112	246
18	56	?

- (1) 120 (2) 301
(3) 128 (4) 303

81. In the following questions four words are given, out of which three are same in one way or the other and the fourth one is different from the other three. Select the odd one.

- (1) Writer (2) Printer
(3) Publisher (4) Reader

82. In the following question three out of four alternatives contain letters of the alphabet placed in a particular form. Find the one that does not belong to the group.

- (1) XWU (2) GPM
(3) KJH (4) DCA

83. A watch reads 4.30. If the minute hand points East, in what direction will the hour hand point?

- (1) South-East (2) North-East
(3) North (4) North-West

84. If BROWN is coded as ZPMUL, then VIOLET will be coded as

- (1) TGMJCR (2) SGMJCG
(3) TGMJCG (4) TOWCG

85. In the following question, which one of the alternative figures will complete the given figure pattern?



Answer Figures



86. In the following question, which one of the four Answer figures will come after the

Problem Figures, if the sequence is to continue?

Problem Figures



Answer Figures



- (1) (2) (3) (4)

87. In the following question, four words are given, out of which three are same in one way or the other and the fourth one is different from the other three. Select the odd one.

- (1) Milk (2) Syrup
(3) Tea (4) Cake

88. Choose the correct mirror image from the alternatives (1), (2), (3) and (4) of the figure given.



Answer Figures



- (1) (2) (3) (4)

89. In the following question, which one of the alternative figures will complete the given figure pattern?



Answer Figures



- (1) (2) (3) (4)

90. Choose the correct mirror image from the alternatives (1), (2), (3) and (4) of the figure given.



Answer Figures



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

91. Rahim started from point 'X' and walked straight 5 km West, then turned left and walked straight 2 km and again turned left and walked straight 7 km. In which direction is he from the point 'X'?

- (1) North-East
(2) South-West
(3) South-East
(4) North-West

92. In a certain code, GIGANTIC is written as GIGTANCI. How is MIRACLES written in that code?

- (1) MIRLCAES (2) MIRLACSE
(3) RIMCALSE (4) RIMLCASE

93. At the end of a business conference, ten people present shake hands with each other once. How many handshakes will be there all together?

- (1) 20 (2) 45
(3) 55 (4) 90

94. In the following question, which one of the four Answer Figures should come after the Problem Figures, if the sequence is to continue?

Problem Figures



Answer Figures



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

95. In the following question, select the correct option of the question asked. Which number will come opposite to number '2'?



- (1) 5 (2) 1
(3) 6 (4) 3

96. Arrange the words in a meaningful logical order and then select the appropriate sequence from the alternatives provided below :

1. Curd 2. Grass
3. Butter 4. Milk
5. Cow

(1) 5, 2, 4, 1, 3 (2) 5, 2, 3, 4, 1
(3) 4, 2, 5, 3, 1 (4) 2, 5, 4, 3, 1

97. In the following question one number is missing in the series. You have to understand the pattern of the series and then insert the missing number.

5, 7, 11, 19, 35, 67,259

- (1) 64 (2) 131
(3) 135 (4) 32

98. In the following question one term in the number series is wrong. Find out the wrong term.

10, 41, 94, 1624, 2516, 3625, 4936

- (1) 1624 (2) 2516
(3) 3625 (4) 4936

99. In the following question, select the correct option of the question asked.



- (1) × (2) =
(3) + (4) Δ

100. Arrange the words in a meaningful logical order and then select the appropriate sequence from the alternatives provided below :

1. Poverty
2. Population
3. Death
4. Unemployment
5. Disease

(1) 3, 4, 2, 5, 1
(2) 2, 4, 1, 5, 3
(3) 2, 3, 4, 5, 1
(4) 1, 2, 3, 4, 5