

Held on : 19.05.2013

Questions: 100

Marks: 100

Time : 2 Hrs.

Part - A

General Knowledge

- United Nation has released "One Women" Album on the occasion of International Women's Day. Name the Indian artist of that Album?
A) Mallika Sarabhai B) Amjed Ali Khan
C) A. R. Rahman D) Anoushka Shankar
- Bula Chaudhary is related to which sport event
A) Cricket B) Badminton
C) Swimming D) Golf
- How many districts of the country were initially covered under the Direct Benifit Transfer Scheme started from January 1st , 2013?
A) 43 B) 34 C) 20 D) 29
- Which sport personality has won the Indian Grand Prix 2012 at the Buddha International Circuit for the second time?
A) Mark Weber B) Lewis Hamilton
C) Sebastian Vettel D) Fernando Alonso
- Which among the following have been conferred with Rajiv Gandhi Khel Ratna Award in 2012?
A) Mary Kom and Anup Kumar
B) Saina Nehwal and Sushil Kumar
C) Deepika Kumari and Yuvraj Singh
D) Yogeshwar Dutt and Vijay Kumar
- Rath Yatra - This famour festival is held in?
A) Odisha B) West Bengal
C) Tamil Nadu D) Karnataka
- With the 92nd constitutional amendment, how many languages were added to the 8th schedule of the constitution?
A) 4 B) 3 C) 2 D) 5
- Which of the following act as decomposers in an ecosystem?
A) Putrefying bacteria
B) Rhizobium bacteria
C) Lactobacillus bacteria
D) Cyanobacteria
- What is Basel III norms?
A) The Global Capital norms for banks
B) The Global Pollution Norms for Auto Manufacturer
C) The Global Norms for Cyber World
D) The Global Pollution Norms for Heavy Industries
- President appoints Chief Election Commissioner & Election Commissioners. They have tenure of?
A) Upto the age of 65 years
B) 6 years, or upto the age of 65 years, whichever is earlier
C) Of 5 years D) Of 6 years
- This State contributes 70% of India's Coffee and Silk. Name this state?
A) Rajasthan B) Punjab
C) Karnataka D) Assam
- Ebb & Flow is
A) Adiscovery of a new star
B) A system of measurement of a liquid
C) A missile recently launched from Odisha
D) A Gravity Mapping satellites of NASA
- Who has been appointed as chairman of 14th Finance Commission?
A) Sam Pitroda
B) P. Chidambaram
C) Montek Singh Ahluwalia
D) Dr. Y.V.Reddy
- As per Protocol Second highest post after President in India
A) Prime Minister of India
B) Vice President of India
C) Chief Justice of India
D) Leader of opposition of Lok Sabha

15. Who is the Deputy Chairman of Rajya Sabha at present?
 A) Najma Heptulla B) Pratibha Patil
 C) K. Rahman Khan D) P. J. Kurien
16. Finance Ministry has kept some services under the negative list which means
 A) Service tax would be levied @ 2% on those services
 B) Service tax would be levied by State Government on the services in negative list
 C) Service tax would not be levied against those services
 D) Service tax would be levied at highest rate on those services
17. What is the status of India in the world in terms of Steel production?
 A) 7th B) 10th C) 5th D) 6th
18. Which among these is a credit rating agency.
 A) NSE B) BSE C) ICRA D) SEBI
19. Which of the following gases are given out during Photosynthesis?
 A) Nitrogen B) Hydrogen
 C) Oxygen D) Carbon dioxide
20. Name the king of Kannauj whose daughter Sanyogita was abducted by Prithviraj Chauhan from her 'Swayamvar'?
 A) Jayadev B) Lakshman sen
 C) Bhoj D) Jaychand
21. The thumb nail gets fixed easily into the wood because.
 A) More force works on less area
 B) Less force works on more area
 C) More area works on less force
 D) More area works on more force
22. The minimum number of members whose presence is essential for transacting the business of either house-Lok Sabha or Rajya Sabha shall be:
 A) 100 members
 B) 1/2 of the total number of members of the house
 C) 1/4 of the total number of members of the

house

- D) 1/10 of the total number of members of the house

23. When the branch of a tree is shaken violently, the leaves fall. This happening can be explained by:
 A) Joules 2nd law motion
 B) Newton's 3rd law of motion
 C) Joules 1st law motion
 D) Newton's 1st law of motion
24. When 'Sepoy Mutiny or the Great Revolt' took place, who was the Viceroy of India?
 A) Lord Canning B) Lord Minto
 C) Lord Ripon D) Lord Curzon
25. Layer of the atmosphere is closest to the Earth:
 A) Stratosphere B) Ionosphere
 C) Mesosphere D) Troposphere

Part - B

Mathematics

26. The sale price of an article including the sales tax is ₹1232. The rate of sales tax is 10%. If the shopkeeper has made a profit of 12%, then the cost price of the article is
 A) 900 B) 950 C) 1000 D) 1120
27. A man bought some mangoes at ₹12 per dozen and bought the same number of mangoes at ₹10 per dozen. He sold these mangoes at ₹13 per dozen and gained ₹160. The total number of mangoes bought by him are
 A) 60 dozens B) 70 dozens
 C) 80 dozens D) 90 dozens
28. A dishonest dealer uses a scale of 90 cm instead of a metre scale and claims to sell at cost price. His Profit is
 A) 9 % B) 10 %
 C) 10.33 % D) 11.11 %
29. Sukriti and Salone are athletes. Sukriti covers a distance of 1 km in 5 minutes and 50 seconds, while Salone covers the same distance in 6 minutes and 4 seconds. If both

of them start together and run at uniform speed, by what distance will Sukriti win a 5 km mini marathon.

- A) 200 m B) 225 m
C) 250 m D) 275 m

30. A Compact Disc Player when sold for ₹13600 incurred a loss of 15%. At what price should it have been sold to make a profit of 35% on the cost

- A) ₹ 21600 B) ₹ 20400
C) ₹19600 D) None of these

31. 66 Cubic centimetres of silver is drawn in to a wire 1 mm in diameter. The length of the wire in metre will be

- A) 84 B) 128
C) 116 D) None of these

32. In 4 years, ₹ 6000 amounts to ₹ 8000. In what time will ₹ 525 amount to ₹ 700 at the same rate?

- A) 5 Years B) 3 Years
C) 4 Years D) None of these

33. A bus left with some definite number of passengers. At the first stop, half of the passengers left and 35 boarded the bus. At the second stop, $\frac{1}{5}$ th of the passengers left and 40 boarded the bus. Then the bus moved with 80 passengers towards its destination without stopping anywhere. How many passengers were there originally?

- A) 40 B) 30 C) 50 D) 60

34. 12 men and 18 boys, working $7\frac{1}{2}$ hours a day, can do a work in 60 days. If one man works equal to 2 boys, then the number of boys required to help 21 men to do twice the work in 50 days, working 9 hours a day will be

- A) 42 B) 44
C) 46 D) None of these

35. Choose the correct statement

- A) An irrational number is a real number that cannot be written as simple fraction
B) A rational number is a real number that cannot be written as simple fraction

- C) In irrational number is a real number that cannot be written as simple fraction
D) A rational number is a real number that cannot be written as a complex fraction

36. The income of Ram is 20% less than Shyam. Then Shyam's income is greater than Ram's by

- A) 20% B) 25% C) 30% D) 15%

37. If the price of oranges was less by 40%, one could buy 32 more for ₹120. The price presently is

- A) ₹ 3.00 B) ₹ 2.00
C) ₹ 1.50 D) ₹ 2.50

38. A metallic cube of surface area 600 square centimeters is melted and cast into small steel cylinders of length 0.5 cms and radius $\sqrt{7}$ cms. How many complete cylinders can

be cast $\left(\pi = \frac{22}{7} \right)$?

- A) 9 B) 11
C) 8 D) None of these

39. It is 185 km from city A to city B. If a bus takes 2 hours to cover the first 85 km, how long must it take to travel the final 100 km in order to average 50 kmph for the entire trip

- A) 102 minutes B) 112 minutes
C) 60 minutes D) 75 minutes

40. In an examination a student scores 1 mark for each correct answer and 0.25 marks deducted for each wrong answer. If he attempts all 120 questions and secures 90 marks. The number of questions he attempts correctly is

- A) 100 B) 106
C) 96 D) None of these

41. One side of a right-angled triangle is 125 cm. The difference between the hypotenuse and the other side is 42 cm. The length of the hypotenuse is

- A) 168 cm B) 189 cm
C) 210 cm D) None of these

42. If the numerator of a fraction is increased by 200% and denominator is increased by 300%, the resultant fraction is $\frac{6}{11}$. What was the original fraction?

- A) $\frac{5}{11}$ B) $\frac{7}{11}$ C) $\frac{8}{13}$ D) $\frac{8}{11}$

43. If 6 men can do a piece of work in 20 days and one man can do the work of two boys, then in how many days can 10 men and 5 boys do the same works:

- A) 8 days B) 10 days
C) 12 days D) None of these

44. $\frac{12 \times 16 \div 2^3}{2 \times \sqrt{9}} = ?$

- A) $\frac{2}{3}$ B) $\frac{4}{3}$
C) 4 D) None of these

45. A sold 2 watches ₹ 99 each. He gains 10% on one watch and loses 10% on another. Find his gain or loss %.

- A) 1% loss B) 10% loss
C) 10% profit D) No profit, no loss

46. The ratio of cost price and sale price of an article is 10 : 11. The percentage of profit is

- A) 11.5 % B) 10.5 %
C) 10 % D) 11 %

47. The incomes of A and B are in the ratio of 3 : 2 and their expenditures are in the ratio of 5 : 3. If each saves ₹1000, the income of B is

- A) ₹ 6000 B) ₹ 5000
C) ₹ 4000 D) None of these

48. If ₹ 200 doubles in 10 years at a simple rate of interest. What is the rate of interest?

- A) 5 % B) 10 %
C) 8 % D) None of these

49. The average of three numbers is 77. The first number & second number is 78 and 79 respectively. Find the third number?

- A) 73 B) 74 C) 71 D) 75

50. In a stock clearance sale, Bata shoes company announces 20% discount. If the discounted price of a pair of shoes is ₹ 1520, find its original price?

- A) ₹ 1800 B) ₹ 1900
C) ₹ 1950 D) ₹ 2000

Part - C

English Language

Directions (51 to 53): Which of phases given below in each sentence should replace the phrase in Underlined to make the sentence grammatically correct?

51. The small child does whatever his father was done

- A) Has done B) Did
C) Does D) Had done

52. He is too important for tolerating any delay

- A) To tolerate B) To tolerating
C) At tolerating D) With tolerating

53. Why did you not throw the bad away

- A) Did you not throw
B) Had you not throw
C) Did you not thrown
D) You did not thrown

Directions (54 to 57): Choose the word which is the exact opposite of the given word.

54. ENORMOUS

- A) Soft B) Average
C) Tiny D) Weak

55. ARTIFICIAL

- A) Red B) Natural
C) Truthful D) Solid

56. EXPAND

- A) Convert B) Congest
C) Condense D) Conclude

57. FRAUDULENT

- A) Candid B) Direct
C) Forthright D) Genuine

Directions (58 to 59): Find the correctly split words.

58. A) Pessenger B) Passenger
 C) Pasanger D) Pesanger
59. A) Benefitted B) Benifited
 C) Benefited D) Benefeted

Directions (60 to 62): Choose Synonyms for given words.

60. Attain
 A) Acquire B) Leave
 C) Accept D) Excuse
61. Verify
 A) Acceptable B) Condemn
 C) Testify D) Praise
62. Immortal
 A) Mortal B) Eternal
 C) Dead D) Eminent
63. Point out the verb in the following words.
 A) Success B) Succeed
 C) Successful D) Successfully
64. Find out the sentence in Passive Voice
 A) The judge convicted the culprit for his offence
 B) The culprit apologised to the judge for his offence
 C) The judge scolded the culprit for his offence
 D) The culprit was punished for his offence by the judge

65. Point out the correct sentence
 A) The teacher said that the Earth moved round the sun
 B) The teacher told that the Earth was moving round the sun
 C) The teacher said that the Earth moves round the Sun
 D) The teacher said that the Earth had moved round the sun

66. Mark the correct Passive form of the sentence

I play cricket with my friends

- A) I play with my friends cricket

- B) Cricket plays my friends with me
 C) Cricket is played by me with my friends
 D) Cricket was played by me with my friends

Directions (67 to 68): Identify the tenses in the following sentences

67. She reached the examination hall well in time
 A) Present perfect B) Past indefinite
 C) Past Perfect D) Future indefinite
68. I am learning English from my Uncle
 A) Past Continuous
 B) Present Perfect
 C) Present Continuous
 D) Future indefinite

Directions (69 to 71): Mark the appropriate words to fill in the blanks.

69. God helps those _____ help themselves
 A) Who B) Which
 C) That D) Whom
70. If it is raining heavily, take _____ umbrella.
 A) The B) An C) A D) Some
71. We have been waiting for the train _____ more than two hours.
 A) Since B) From C) Until D) For

Directions (72 to 74): Identify the Parts of Speech of Underlined words in the sentences and mark the correct choice.

72. Good students are always Successful in life.
 A) Adverb B) Noun
 C) Adjective D) Pronoun
73. The teacher was very pleased with me
 A) Preposition B) Conjunction
 C) Pronoun D) Adverb
74. Cross the busy road carefully
 A) Noun B) Adjective
 C) Verb D) Adverb

Direction: Change the following sentence into reported Speech.

75. Rahul Said "I am busy now"
 A) Rahul said that he was busy then

- B) Rahul said that he is busy now
 C) Rahul said that he was busy now
 D) Rahul told that he was busy now

Part - D

Reasoning & Analytical Ability

Directions (76 to 78): In a business School, four students Dinakaran, Sumit, Tarun and Amul exhibit a very strange mix of hobbies and subject interests. One of them studies Commerce and plays Golf and Lawn Tennis. Dinakaran and Sumit study Psychology. Dinakaran plays Billiards. Both the Psychology students play Chess. Tarun is a student of Physics. The Physics student play, Chess and Badminton. All the friends play two games each and study one subject each. One of the students also does Weight Training.

76. Who does not play Chess
 A) Dinakaran B) Amul
 C) Sumit D) Tarun
77. Who studies Psychology and plays Billiards
 A) Sumit B) Tarun
 C) Dinakaran D) Amul
78. How many games are played and subjects studied by all the four students
 A) 6, 3 B) 3, 2
 C) 5, 4 D) None of these
79. A man stands on a tower and sees two hill peaks one in the North East and one in the North West. Both peaks are at the same distance from the tower. He climbs the top of the peak in the North East and looks at the other peak. Which direction does he look to do so.
 A) North West B) South West
 C) South D) West
80. Ram Starts his journey from X point. There are seven cricketers who are standing in straight line in the North from X point. The gap between each cricketers is 3 km. The last player is M. S. Dhoni. The first player is Rahul Dravid who is standing at 3 km from X point. Now starting from X point Ram

travels 10 km towards North and turns left and travels 4 km and then again turns right and covers another 5 km and then turns right and travels another 4 km. If Ram met M. S. Dhoni, how many km he covered.

- A) 21 Km B) 25 Km
 C) 29 Km D) None of these

81. In a code CAGE is represented as 2064 and HIGH as 7867. What is the sum of the digits representing ABADIDEA?
 A) 18 B) 19 C) 21 D) 24
82. If all the letters in English alphabet are written in reverse order, which letter is exactly in the middle of 20th letter from right and 21st letter from left?
 A) O B) M
 C) N D) None of these

Direction: Study the following arrangement carefully and answer the questions given below.

- 5M%RE6#Fj9@TV8U&N3P1A*5HQ8XW4BID\$OK
83. How many such symbols are there in the above arrangement, each of which is immediately preceded by a number and immediately followed by a vowel
 A) One B) Two
 C) Three D) None of these

Direction: In the following series determine the order of the letters, there after from the given alternatives, select the one which will complete these series.

84. EOISMWQA?
 A) VE B) ZF C) XF D) UE

Directions (Q. 85 & 86): Jumbled letters of certain words have been rearranged so that a correct word can be formed out of the choices given below each question, choose the last letter of the correct word so formed.

85. AYDOT
 A) A B) D C) T D) Y
86. ILCEOP
 A) A B) D C) T D) Y

87. If P means “+”, Q means “×”, “T” means “÷” and V means “–” then:

$$18 \text{ P } 12 \text{ T } 4 \text{ Q } 8 \text{ V } 10 = ?$$

- A) 32 B) 42
C) 36 D) None of these

88. In a certain code “count me out” is written as ‘8, 7 4’, ‘you can count’ is written as ‘7 1 9’ and ‘you and me’ is written as ‘9 2 4’. How is ‘and’ written in that code?

- A) 9 B) 2 C) 4 D) 7

89. ‘Suma’ is shorter than ‘Uma’, ‘Neha’ is taller than ‘Suma’, ‘Sudha’ is taller than ‘Uma’, but shorter than ‘Hema’. ‘Uma’ is taller than ‘Neha’ who is the tallest among them?

- A) Neha B) Hema C) Uma D) Sudha

90. In a certain code, PLATE is written as PQMBUF and TOWN is written as TUPXO. How is DEAR written in that code?

- A) DDFBS B) DEBFS
C) DEFBS D) DEFCBS

91. Q says M and T are my brothers, Q says K is father of T, Q says R is brother of my father. How is R related to T’s mother?

- A) Brother B) Husband
C) Uncle D) None of these

92. In a certain code language “bring the white board” is written as ‘ka na di pa’ and ‘white and black board’ is written as ‘na di sa ra’. How is ‘the’ written in that code?

- A) ka B) pa C) ka or pa D) ra

Directions (93 to 94): Study the following information carefully and answer the questions given below.

Five persons are travelling in a train – Amita, Babu, Chanda, Diwakar and Eshoo. Amita is the mother of Chanda who is the wife of Eshoo. Diwakar is the brother of Amita and Babu is the husband of Amita.

93. How is Babu related to Eshoo?

- A) Father B) Mother-in-law
C) Brother-in-law D) Father-in-law

94. How is Amitha related to Eshoo

- A) Sister B) Mother

C) Mother-in-law

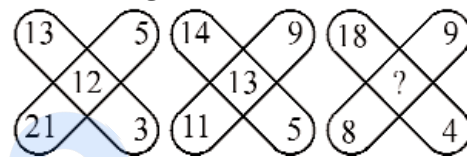
D) Niece

Directions (95 to 97): This question follows some pattern, choose the correct alternative fill the places for question marks.

$$\begin{array}{r} 3 \quad 2 \quad 3 \\ 9 \quad 2 \quad 2 \\ 2 \quad 3 \quad 2 \\ \hline 144 \quad 64 \quad ? \end{array}$$

- A) 125 B) 25 C) 30 D) 46

96. Which one number can be placed at the sign of interrogation?



- A) 11 B) 13
C) 12 D) None of these

97. Which one number can be placed at the sign of interrogation?



- A) 82 B) 81
C) 80 D) None of these

98. If the following series are written in reverse order, which one of the following is the correct reverse order among the alternatives.

- A B X 9 8 7 Z Y W 8 K 5 A T S 9 8 7 1
A) 1 7 8 9 S T A 5 K 8 Y W Z 8 7 9 X B A
B) 1 7 8 9 T S A 5 K 8 Y W Z 8 7 9 X B A
C) 1 7 8 9 S T A 5 K 8 W Y Z 7 8 9 X B A
D) 1 8 7 S 9 T A 5 K 8 W Y Z 7 8 9 X B A

99. Find the odd one out

- A) Malaria B) Plague
C) Dengue D) Tetanus

100. ZX, XV, __, TR, RP

- A) VU B) VS C) VT D) VW

KEY

1. D	2. C	3. A	4. C	5. D	51. C	52. A	53. A	54. C	55. B
6. A	7. A	8. A	9. A	10. B	56. B	57. D	58. B	59. C	60. A
11. C	12. D	13. D	14. B	15. D	61. C	62. C	63. B	64. D	65. C
16. C	17. C	18. C	19. C	20. D	66. C	67. B	68. C	69. A	70. B
21. A	22. D	23. D	24. A	25. D	71. D	72. C	73. A	74. B	75. B
26. C	27. C	28. D	29. -	30. A	76. B	77. C	78. A	79. D	80. C
31. A	32. C	33. A	34. A	35. A	81. B	82. C	83. A	84. D	85. D
36. B	37. D	38. D	39. A	40. C	86. D	87. A	88. B	89. B	90. C
41. C	42. D	43. D	44. C	45. A	91. D	92. C	93. D	94. C	95. B
46. C	47. C	48. B	49. B	50. B	96. C	97. B	98. C	99. D	100. C

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