

## GENERAL AWARENESS

- What is the atomic number of the element Gallium?  
(1) 31 (2) 34  
(3) 44 (4) 45
- Who was the Chairman of 12th Finance Commission?  
(1) Dr. Vijay L. Kelkar  
(2) Dr. Y.P. Reddy  
(3) Shri N.K. Singh  
(4) Shri C. Rangarajan
- Who propounded the Principle of Uncertainty?  
(1) Werner Heisenberg  
(2) R.K. Millikan  
(3) S.N. Bose  
(4) Isaac Newton
- Which of the following is not included under UNESCO as a World Heritage Site?  
(1) Elephanta Caves  
(2) Rani ki Baoli  
(3) Humayun's Tomb  
(4) Chand Minar
- What is the nickname of Adam Gilchrist?  
(1) Broad Man  
(2) Punisher  
(3) Churchy  
(4) God of Cricket
- The Eighth Schedule of Indian constitution is related to  
(1) Fundamental Rights  
(2) Official languages of India  
(3) Fundamental Duties  
(4) Laws beyond the jurisdiction of courts
- Can a person become the member of both houses?  
(1) Yes  
(2) Yes, during financial emergency  
(3) Yes, during national emergency  
(4) No
- The Supreme Commander of Indian armed forces is  
(1) President of India  
(2) Defence Minister  
(3) Chief of Indian Army  
(4) Prime Minister of India
- In which state did Indigo Revolt occur?  
(1) Assam  
(2) Bihar  
(3) West Bengal  
(4) Maharashtra
- What is the distance between Sun and Mars?  
(1) 245.9 million km  
(2) 197.9 million km  
(3) 227.9 million km  
(4) 210.9 million km
- Addressing whom does the President of India tender his resignation?  
(1) Prime Minister of India  
(2) Chief Justice of India  
(3) Speaker of Lok Sabha  
(4) Vice President
- The capital of Ethiopia is  
(1) Addis Ababa  
(2) Accra  
(3) Phnom Penh  
(4) Kuala Lumpur
- In which country does Thames River flow?  
(1) Italy  
(2) China  
(3) France  
(4) England
- Which of the following players is not related to Table Tennis?  
(1) Magnus Carlsen  
(2) Timo Boll  
(3) Li Xiaojia  
(4) Jun Mizutani
- Who has authored the book, 'A Century is not Enough'?  
(1) Virat Kohli  
(2) Sachin Tendulkar  
(3) Donald George Bradman  
(4) Saurav Ganguly
- What is secreted by Posterior Pituitary gland?  
(1) Progesterone  
(2) Oestrogen  
(3) Melatonin  
(4) Oxytocin
- In which sport is the term 'Back Row Attack' used?  
(1) Horse racing  
(2) Cricket  
(3) Polo  
(4) Volleyball
- \_\_\_ are the structures found in the epidermis of leaves that regulate the processes of transpiration and gaseous exchange.  
(1) Striated  
(2) Villi  
(3) Stomata  
(4) Chromatin
- During the 19th century, the Khond tribe used to dwell in the forest of  
(1) West Bengal  
(2) Rajasthan  
(3) Delhi  
(4) Odisha
- Generally, the tenure of members of Lok Sabha is five years. But, it can be terminated before  
(1) Vice President  
(2) Prime minister  
(3) President  
(4) Speaker of Lok Sabha
- Which of the following has attained the status of full statehood?  
(1) Sikkim  
(2) Chandigarh  
(3) Pondicherry  
(4) Lakshadweep
- Who is the Father of Bacteriology?  
(1) Von Baeyer  
(2) R. Miahra  
(3) Edward Jenner  
(4) Robert Koch

23. What is the IUPAC name of Oxalic acid?  
 (1) Butanoic acid  
 (2) Methanoic acid  
 (3) Hexanedioic acid  
 (4) Ethanedioic acid
24. Where was the session of Indian National Congress held in 1929?  
 (1) Faisalabad  
 (2) Lahore  
 (3) Karachi  
 (4) Rawalpindi
25. With which religion is the term 'Bodhisattva' related?  
 (1) Vaishnava  
 (2) Jain  
 (3) Buddhist  
 (4) Shaiva
26. In which ocean is Tonga Trench situated?  
 (1) Pacific Ocean  
 (2) Atlantic Ocean  
 (3) Arctic Ocean  
 (4) Indian Ocean
27. What is the ionization constant of Acetic acid ( $\text{CH}_3\text{COOH}$ )?  
 (1)  $2.74 \times 10^{-5}$   
 (2)  $1.74 \times 10^{-5}$   
 (3)  $3.74 \times 10^{-5}$   
 (4)  $1.34 \times 10^{-5}$
28. In which state is Kakrapar Atomic Power Station located?  
 (1) Madhya Pradesh  
 (2) Gujarat  
 (3) Haryana  
 (4) Jharkhand
29. The formula of momentum is—  
 (1) Velocity/Mass  
 (2) Mass/Velocity  
 (3) Mass  $\times$  Acceleration  
 (4) Mass  $\times$  Velocity
30. Which of the following countries does not share boundary with India?  
 (1) Afghanistan  
 (2) Bhutan  
 (3) Nepal  
 (4) Maldives
31. The full form of RTGS is—  
 (1) Real Time Gross Sales  
 (2) Real Time Gross Settlement  
 (3) Real Tax Gross Settlement  
 (4) Revenue Time Gross Settlement
32. Which of the following states has highest number of representatives in the Lok Sabha?  
 (1) Madhya Pradesh  
 (2) Bihar  
 (3) Maharashtra  
 (4) Uttar Pradesh
33. Who has authored the book, 'The Archaeology of Ancient Indian Cities'?  
 (1) Raj Kalari  
 (2) Dilip Kumar Chakravarty  
 (3) Akharnama  
 (4) Uperidra Kumar
34. By whom was the famous Lakshman Temple, found in Khajuraho, built?  
 (1) Chandelas  
 (2) Rashtrakuta  
 (3) Pallavas  
 (4) Chalukyas
35. Where did Kheda Satyagraha take place?  
 (1) Bihar  
 (2) Maharashtra  
 (3) Gujarat  
 (4) West Bengal
36. The capital of Assam is—  
 (1) Ranchi (2) Itanagar  
 (3) Raipur (4) Disapur
37. In which city was the Youth Olympic Games 2018 held?  
 (1) Santiago  
 (2) Buenos Aires  
 (3) Bern  
 (4) Harare
38. When did Indian Wildlife Protection Act come into force?  
 (1) 1962 (2) 1952  
 (3) 1972 (4) 1982
39. Which of the following is not a hard currency?  
 (1) Kuwaiti Dinar  
 (2) American Dollar  
 (3) European Euro  
 (4) Canadian Dollar
40. When was the Calotype Society (Photographic Club) established?  
 (1) 1698 AD (2) 1847 AD  
 (3) 1717 AD (4) 1968 AD
41. Which house of Indian parliament is more powerful?  
 (1) Rajya Sabha  
 (2) Both Lok Sabha and Rajya Sabha  
 (3) Can't be said  
 (4) Lok Sabha
42. Where is the headquarters of Export Credit Guarantee Corporation of India (ECGC) located?  
 (1) Mumbai  
 (2) Surat  
 (3) Kolkata  
 (4) New Delhi
43. In which year was the Supreme Court of India established?  
 (1) 1951 (2) 1947  
 (3) 1950 (4) 1964
44. The drained area of rivers is known as  
 (1) Wells (2) Basins  
 (3) Lake (4) Lagoon
45. The line of boundary between land surface and sea is known as  
 (1) Coastline (2) Arid  
 (3) Gorge (4) Island
46. In which sport is the term 'deuce' used?  
 (1) Football (2) Golf  
 (3) Cricket (4) Tennis
47. Who was appointed as the acting Prime Minister of India after the death of Jawaharlal Nehru?  
 (1) Shri Krishnamachari  
 (2) Shri Gulzarilal Nanda  
 (3) Mrs. Indira Gandhi  
 (4) Shri Lal Bahadur Shastri
48. Yoga sutra has been written by  
 (1) Patanjali  
 (2) Nagasena  
 (3) Kannada  
 (4) Vasumitra
49. What is the name of currency of Colombia?  
 (1) Colombian rupee  
 (2) Colombian Peso  
 (3) Colombian Dollar  
 (4) Colombian Franc
50. In the SI system, the prefix of multiple  $10^{-18}$  is  
 (1) Atto (2) Yocto  
 (3) Exa (4) Yotta

## REASONING

51. Four of the following five terms are alike in a certain way and hence they form a group. Which one of them is not related to this group?

Wheel, Brake, Engine, Accelerator, Bark

- (1) Bark (2) Wheel  
(3) Engine (4) Accelerator

**Directions (52 - 53) :** In these questions, a passage and related statements are given. Study the passage carefully and evaluate the statements :

According to a report, India's economic growth may touch 7 per cent next year as the government's policies tilt towards the country's stress ridden rural landscape in the penultimate year before the 2019 general elections.

"Against GDP growth of 6.3 per cent in the second quarter of 2017-18, the economic expansion may reach the crucial 7 per cent mark by the end of September 2018 quarter, while inflation may range between 4 to 5.5 per cent towards the second half of the next calendar year with the monsoon being a key imponderable", said ASSOCHAM in its 'Year-Ahead Outlook'.

52. **Statement :** The GDP growth of India in the second quarter of 2017-18 was 6.3 per cent.

Select the most appropriate options from the given ones :

- (1) The statement is definitely true  
(2) The statement is probably true  
(3) The statement cannot be evaluated  
(4) The statement is definitely false

53. **Statement :** The forecast of the 7 percent growth in GDP is based on the stability of foreign currency rate.

Select the most appropriate options from the given ones :

- (1) The statement is definitely true  
(2) The statement is probably true  
(3) The statement cannot be evaluated  
(4) The statement is definitely false

**Directions (54-56) :** Study the given information carefully and answer the related questions :

Ten persons are sitting in two parallel rows. Five persons are sitting in each row in such a manner that there is equal distance between adjacent persons.

In row-1, A, B, C, D and E are seated and all of them are facing south.

In row-2, P, Q, R, S and T are seated and all of them are facing north. Thus, in the given sitting arrangement the persons of both rows face one another.

- (i) E sits at one of the extreme ends of the row.  
(ii) B sits second to the left of E and he sits just opposite to Q.  
(iii) Q is not an immediate neighbour of P who is not facing E.  
(iv) C and T are sitting diagonally opposite to each other.  
(v) A sits opposite to S who is sitting between P and Q.

54. Who is sitting third to the left of P?

- (1) R (2) Q  
(3) S (4) T

55. If the position of E is interchanged with A, the position of D with C and the position of S is interchanged with Q, which of the following statements will be true regarding the new arrangement?

- (1) B is second to the right of A  
(2) T is second to the left of S  
(3) C and T are sitting at the extreme ends  
(4) D and R face each other

56. If the position of E is interchanged with A, the position of D with C and the position of S with Q, who will sit opposite to S as per the new arrangement?

- (1) B (2) A  
(3) C (4) E

57. In this question a statement is followed by two Conclusions numbered I and II. You have to consider the facts given in the statement to be true, then consider both the Conclusions together and decide which of them logically follow(s) from the facts given in the statement beyond a reasonable doubt.

**Statement :** "Nick has launched a new product of his company. If you wish to pay less, buy his product".

**Conclusions :**

- I. The price of product should be economical.  
II. The quality of product should be good.

Select the most appropriate one from the given alternatives :

- (A) Only Conclusion I follows  
(B) Only Conclusion II follows  
(C) Either Conclusion I or Conclusion II follows  
(D) Neither Conclusion I nor Conclusion II follows  
(E) Both the Conclusion I and Conclusion II follow

- (1) E (2) C  
(3) D (4) A

58. Select the water image of the figure from the given alternatives :

**BROWSER**

- (1) BROWSEB  
(2) BROWSER  
(3) BROWSEF  
(4) RESWORB

59. In this question three statements followed by four Conclusions are given. You have to consider the facts given in the statements to be true, then considering all the Conclusions together decide which of the following Conclusions logically follow(s) from the facts given in the statement beyond a reasonable doubt.

**Statements :**

- All metres are feet.  
Some feet are inches.  
All inches are yards.

**Conclusions :**

- I. Some feet are yards.
- II. Some metres are yards.
- III. No metre is yard.
- IV. All metres are inches.

- (1) Only I, III and IV
- (2) Only I and either II or III
- (3) Only I and II
- (4) Only I and IV

60. Study the following statements and answer the question based on it :

- A@B means A is mother of B.
- A#B means A is father of B.
- A\$B means A is brother of B.
- A%B means A is sister of B.

According to the expression P\$QSR@S, how P is related to S?

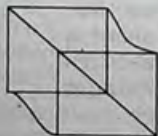
- (1) Uncle
- (2) Aunt
- (3) Grandfather
- (4) Father

61. Find the next number in the following series :

126, 127, 131, 140, 156, ?

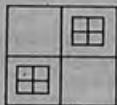
- (1) 181
- (2) 172
- (3) 166
- (4) 184

62. How many right angled triangles can be formed from the given figure?



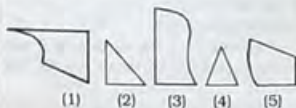
- (1) 16
- (2) 13
- (3) 6
- (4) 10

63. How many squares are there in the given figure?



- (1) 14
- (2) 12
- (3) 18
- (4) 15

64. Select the correct alternative from the following which can form a complete square. (Three out of five figures are given)



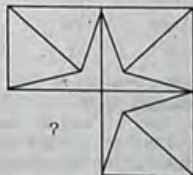
- (1) 1, 4, 5
- (2) 1, 3, 5
- (3) 2, 4, 5
- (4) 2, 3, 5

65. How many straight lines are there in the given figure?



- (1) 18
- (2) 12
- (3) 10
- (4) 16

66. Select the correct figure from the given alternatives which can complete the pattern of the given figure :



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

67. Four of the following five terms are alike in a certain way and hence they form a group. Which one of them is not related to this group?

- AEI, MQU, KNS, CGK, LPT
- (1) LPT
- (2) CGK
- (3) KNS
- (4) AEI

68. Find the next number in the following series :

199, 202, 197, 204, 193, ?

- (1) 206
- (2) 202
- (3) 198
- (4) 182

69. Replace the question-mark in the second pair with correct alternative on the basis of logic used in the first pair :

Cat : Kitten :: Cow : ?

- (1) Bull
- (2) Calf
- (3) Lamb
- (4) Bleat

70. In a certain code language READING is written as FJWILSN. How will FORMULA be written in that code language?

- (1) TKWFQZR
- (2) VSJQEPY
- (3) VSQJPEY
- (4) WTKRFQZ

71. Replace the question-mark in the second pair with correct alternative on the basis of logic used in the first pair :

BT : DV :: LX : ?

- (1) NW
- (2) OY
- (3) NZ
- (4) MY

72. N is wife of M who is only son-in-law of A, whose husband is B.

How A is related to N?

- (1) Mother-in-law
- (2) Mother
- (3) Father
- (4) Uncle

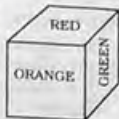
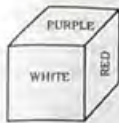
73. Which is the correct image of the given figure if the mirror is placed on the shaded line :

EGYPT

- (1) T9YB
- (2) E9YB
- (3) T9YT
- (4) E9YT

74. The faces of a dice has been coloured with Purple, Red, White, Green, Grey and Orange as shown below.

The face opposite to Green coloured face is coloured with



- (1) Red  
(2) White  
(3) Grey  
(4) Purple

75. In this question, relationship among different letters has been shown in a statement. Two Conclusions related to statement have been given.

**Statement :**  $B \geq L = K < T = J$

**Conclusions :**

- I.  $B \geq K$   
II.  $L < J$

Select the appropriate one from the given alternatives :

- (A) Only Conclusion I follows  
(B) Only Conclusion II follows  
(C) Either Conclusion I or Conclusion II follows  
(D) Neither Conclusion I nor Conclusion II follows  
(E) Both the Conclusion I and Conclusion II follow

- (1) A (2) B  
(3) E (4) D

76. Pointing towards a man, a girl said, "He is father of my husband's father". How the man is related to the husband of that girl ?

- (1) Father-in-law  
(2) Father  
(3) Uncle  
(4) Grandfather

77. In this question three statements showing relationship among letters have been given below. Three related Conclusions I, II and III have been given.

Assuming the statements to be true decide which of the Conclusions is/are definitely true.

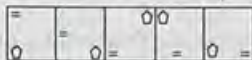
**Statements :**

- $B = S \geq T < H = A$ ;  
 $C > Q = U < T < D$ ;  
 $F > E > D = K$

**Conclusions :**

- I.  $K > Q$   
II.  $B > C$   
III.  $C > K$   
(1) Only II and III  
(2) Only I  
(3) Only III  
(4) Only I and II

78. Select the correct figure from the alternatives which comes next in the given series :



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

79. Replace the question-mark in the second pair with correct alternative on the basis of logic used in the first pair :  
Dentist : Teeth :: Ophthalmologist : ?

- (1) Eyes (2) Muscles  
(3) Ears (4) Bones

80. Replace the question-mark in the second pair with correct alternative on the basis of logic used in the first pair :

- $1468 : 19 :: 2224 : ?$   
(1) 18 (2) 10  
(3) 12 (4) 16

81. Four of the following five letters are alike in a certain way and hence they form a group. Which one of them is not related to this group ?

- R, Z, B, N, U  
(1) N (2) Z  
(3) U (4) R

82. Find the next number in the following series

- 295, 308, 327, 352, 383, ?  
(1) 398 (2) 414  
(3) 426 (4) 420

83. Find the next number in the following series :

- 17, 19, 41, 127, 513, ?  
(1) 2057 (2) 2517  
(3) 2571 (4) 2048

84. In this question two statements are following by two Conclusions numbered I and II. You have to consider the facts given in the statement to be true, then consider both the Conclusions together and decide which of them logically follow(s) from the facts given in the statement beyond a reasonable doubt.

**Statements :**

- Some cats are dogs.  
All dogs are rats.

**Conclusions :**

- I. Some rats are cats.  
II. All rats are cats.  
Select the most appropriate one from the given alternatives :

- (A) Only Conclusion I follows  
(B) Only Conclusion II follows  
(C) Either Conclusion I or Conclusion II follows  
(D) Neither Conclusion I nor Conclusion II follows  
(E) Both the Conclusion I and Conclusion II follow  
(1) E (2) B  
(3) C (4) A

85. In a certain code language YEL-LOW is written as BVOOLD. How will GREEN be written in the same code language ?

- (1) ITVVM (2) HSFFM  
(3) FQDDM (4) TIVVM

## QUANTITATIVE APTITUDE

86. Simplify :

$$\left( (4^4)^2 \times \frac{1}{64^2} \right)^2 + 10 = ?$$

- (1) 344      (2) 244  
(3) 366      (4) 266

87. The ratio of time taken by Binoy and Cairo in covering a distance of 1000 km. is 15 : 16. Find the ratio of their respective speeds.

- (1) 16 : 15      (2) 12 : 13  
(3) 14 : 17      (4) 19 : 18

88. There are 10 bracelets in a gift box. The average weight of first four bracelets is 30 gms and that of remaining 6 bracelets is 31 gms. Find the average of all the bracelets. (In grams)

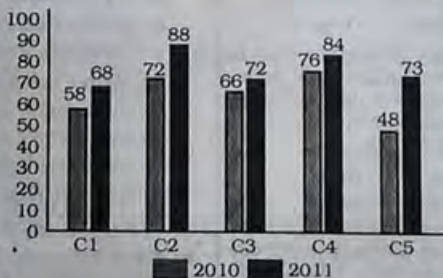
- (1) 30              (2) 31.6  
(3) 31              (4) 30.6

89. Find the number of trailing zeros in 76!

- (1) 18              (2) 16  
(3) 20              (4) 14

**Directions (94-96) :** Study the following bar graph carefully and answer the questions based on it.

Sales (In thousands) of books during two consecutive years 2010 and 2011 by five branches (C1, C2, C3 C4 and C5) of a publishing company.



94. Find the average sales (in thousands) of all the branches in the year 2010.

- (1) 65              (2) 64              (3) 63              (4) 66

90. A station master decides that the length of a rectangular digital board should be increased by 3% and the width should be decreased by 3%. Find the change in area.

- (1) 0.06% decrease  
(2) 0.09% increase  
(3) 0.04% increase  
(4) 0.09% decrease

91. A cube of diagonal  $7\sqrt{3}$  cm. is melted and recast into a cuboid of length equal to the edge of cube. Find the height of the cuboid if its breadth is 3.5 cm.

- (1) 6 cm.              (2) 12 cm.  
(3) 14 cm.              (4) 8 cm.

92. Simplify :

$$\sqrt{19.36} + \sqrt{77.44} + 2 = ?$$

- (1) 8.2              (2) 8.6  
(3) 8.8              (4) 8.4

93. A sum of Rs. 4600 is deposited at simple interest at the rate of 8% per annum. If after 5 years total amount is withdrawn and half of this amount is invested in share market, find the remaining amount. (In Rs.)

- (1) 2880              (2) 4220  
(3) 3220              (4) 3660

95. Find the ratio between total sales of branch C2 during both years and that of branch C4 during both years.

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

96. Find the total sales (in thousands) of branches C1, C3 and C5 of the company during both years.

- (1) 355              (2) 365  
(3) 375              (4) 385

97. A bulb manufacturing company found 11% of its total products to be defective. If total number of non-defective bulbs is 2047, find the total number of defective products.

- (1) 234              (2) 454  
(3) 253              (4) 324

98. The average weight of 95 notebooks kept in a box is 9.5 kg. When a new notebook is kept in the box, the average becomes 9.6 kg. Find the weight of new notebook.

- (1) 19.1 kg.              (2) 18.7 kg.  
(3) 19.5 kg.              (4) 18.3 kg.

99. A person travels along the sides of an equilateral triangular field at the speeds of 20 kmph, 24 kmph and 30 kmph. Find his average speed.

- (1) 28 kmph.              (2) 24 kmph.  
(3) 30 kmph.              (4) 32 kmph.

100. A shopkeeper sells a product for Rs. 819 and earns a profit of 12.5%. Find the amount that is equal to half of the cost price of product.

- (1) Rs. 248              (2) Rs. 464  
(3) Rs. 728              (4) Rs. 364

101. If the radius of a circle is increased to 6 times of itself, how many times will its new circumference be in comparison to the original circumference?

- (1) 8                      (2) 5  
(3) 6                      (4) 7

102. A shopkeeper marks an article at 32% above its cost price and allows a discount of 32% while selling it. Find his percentage gain or loss in this transaction.
- (1) 10.24% loss  
 (2) 11.24% gain  
 (3) 9.64% gain  
 (4) 8.96% loss
103. Find the product of two numbers whose L.C.M. is 30 and H.C.F. is 9.
- (1) 290 (2) 280  
 (3) 300 (4) 270
104. Simplify :
- $$4 + 4^{-2} + \sqrt{81} + \sqrt{25} = ?$$
- (1) 58 (2) 68  
 (3) 88 (4) 78
105. A box contains three different types of old coins of denominations Rs. 3, Rs. 4 and Rs. 5 in the respective ratio of 12 : 13 : 11. If the total value of all the coins in the box be Rs. 572, find the number of 3 rupee coins.
- (1) 48 (2) 38  
 (3) 56 (4) 26
106. Marc donated 14% of his salary to an institution working for vision impaired people, 16% of his salary to an orphanage, 12% of his salary to an institution working for physically challenged people and 13% of his salary to establish a medical camp. He deposited the remaining amount of his salary i.e. Rs. 24570 in a bank for monthly expenses. Find the amount donated to the institution for physically challenged people.
- (1) Rs. 6882 (2) Rs. 7422  
 (3) Rs. 6552 (4) Rs. 8644
107. Simplify :
- $$\frac{1}{9} + \frac{1}{9} + \frac{1}{9} + \frac{1}{9} + \frac{1}{9} = ?$$
- (1) 729 (2) 841  
 (3) 512 (4) 343
108. David distributed 350 gifts among 4 children. First child's share, twice the second child's share, thrice the third child's share and four times the fourth child's share, all are equal. Find the number of gifts received by the first child.
- (1) 168 (2) 326  
 (3) 128 (4) 224
109. In how many ways can 480 mobiles be distributed equally among the students present in a classroom.
- (1) 14 (2) 16  
 (3) 20 (4) 23
110. A certain sum doubles itself in 3 years at the rate of compound interest. In how many years will it be 16 times the principal?
- (1) 12 (2) 14  
 (3) 10 (4) 15
111. The subsidiary project of an England based company has 505 male and 505 female employees. The average productivity per day of all employees is 55 calls. A male employee attends an average of 55 calls per day. How many average calls per day are attended by a female employee?
- (1) 55 (2) 51  
 (3) 57 (4) 53
112. Karmi covers a certain distance at  $\frac{6}{7}$ th of her usual speed and takes 14 minutes more than usual time taken at the usual speed. Calculate the usual time taken to cover the same distance.
- (1) 48 minutes  
 (2) 1 hour 12 minutes  
 (3) 1 hour 24 minutes  
 (4) 60 minutes
113. A person cycles from his hostel to college at 20 kmph and reaches his college 9 minutes late. If he cycles at 24 kmph, he reaches 8 minutes early. Find the distance between the hostel and the college. (In km.)
- (1) 34 km. (2) 36 km.  
 (3) 28 km. (4) 26 km.
114. The respective ratio of the salaries of Sam, Sai and Shri, 7 : 9 : 11. If Shri gets Rs. 320 more than that of Sam, what is Sai's salary? (In Rs.)
- (1) 840 (2) 740  
 (3) 820 (4) 720
115. If a number is divided by 42 the remainder is 13. If the same number is divided by 14, what will be the remainder?
- (1) 10 (2) 8  
 (3) 13 (4) 12
116. When an article is sold at Rs. 1512, the profit got is 11% more than the loss incurred when the same article is sold at Rs. 879. Find the cost price of article.
- (1) Rs. 1814 (2) Rs. 1179  
 (3) Rs. 964 (4) Rs. 1024
117. A train crosses a 342 metre long bridge in 57 seconds. If the same train crosses a sign board in 19 seconds, find the length of the train.
- (1) 142 metre (2) 156 metre  
 (3) 168 metre (4) 171 metre
118. If the difference between the compound interest and simple interest on a certain sum at the same rate of interest for two years is Rs. 32. If the rate of interest be 4% per annum, find the amount of investment. (In Rs.)
- (1) 30000 (2) 16000  
 (3) 20000 (4) 25000
119. Dinesh got 68 marks out of 80 in French; 78 marks out of 100 in English, 48 marks out of 70 in Spanish and 28 marks out of 50 in Japanese. What was the percentage of marks got by him?
- (1) 44% (2) 84%  
 (3) 74% (4) 64%
120. The area of a square piece of glass is 484 cm<sup>2</sup>. It has been placed on a table. The gap between the edge of glass and table is 5 cm. Find the length of the table.
- (1) 30 cm. (2) 34 cm.  
 (3) 32 cm. (4) 28 cm.