

ESIC (KARNATAKA ZONE) MULTI TASKING STAFF EXAM

HELD ON : 29.04.2012 ♦ BASED ON MEMORY

NUMERICAL ABILITY

- Find the average of first 11 natural numbers.
(1) 5 (2) 5.5
(3) 6 (4) 6.5
- Find the value for 28.56% of 1554.
(1) 441 (2) 442
(3) 443 (4) 444
- Find the average of first five multiples of 3.
(1) 6 (2) 9
(3) 12 (4) 15
- If x is thrice of y , then y is what per cent of x ?
(1) 33.33% (2) 25%
(3) 37.50% (4) 20%
- Average weight of 5 people is 16 kg. If 2 new persons with average weight of 30 kg are added into the group, then find the average weight of the group.
(1) 19 kg (2) 20 kg
(3) 21 kg (4) 22 kg
- If 25% of $x = 60%$ of y , then which of the following statement is true?
(1) $x = \frac{3y}{20}$ (2) $y = \frac{12x}{5}$
(3) $y = \frac{5x}{12}$ (4) $y = \frac{20y}{3}$
- Rahul spends 60% of his income in a month and has saved Rs. 3000 in a month. What is the monthly income of Rahul?
(1) Rs. 7500 (2) Rs. 6500
(3) Rs. 8000 (4) Rs. 7000
- In a group of 25 people whose average age is 40 years, 4 new persons are added into the group because of which average age increases by 2 years. What is the average of new 4 persons added?
(1) 56 years (2) 54.5 years
(3) 57 years (4) 58 years

- If the numerator is increased by 20% and the denominator is decreased by 10% then fraction becomes $\frac{8}{9}$. Find the original fraction.
(1) $\frac{11}{3}$ (2) $\frac{3}{4}$
(3) $\frac{11}{2}$ (4) $\frac{2}{3}$
- If the weight of Anuj increases by 40% it becomes 70 kg. Find the weight if it would have decreased by 20%.
(1) 40 kg (2) 45 kg
(3) 50 kg (4) 80 kg
- Ankush sold watch to Vijay for Rs. 400 and Vijay sold it to Harsh for Rs. 500 and Harsh sold to Ganesh for Rs. 450. Find the profit/loss percentage of Harsh.
(1) 10% profit (2) 10% loss
(3) 11.11% loss (4) 11.11% profit
- Rajan bought cycle for Rs. 2000 and marked it 20% above the cost price but gave 10% discount on the marked price. Find the profit of Rajan.
(1) Rs. 160 (2) Rs. 240
(3) Rs. 400 (4) Rs. 200
- Giving Discount of 10% on marked price reduces the profit by Rs. 55 for a certain article, when selling price is Rs. 495. Find the cost price.
(1) Rs. 400 (2) Rs. 350
(3) Rs. 445 (4) Cannot be determined
- Find the discount percentage if 2 shirts are given free on purchase of 3 shirts?
(1) 66.66% (2) 33.33%
(3) 20% (4) 40%
- If Raju sold the chair to Sumit at 10% profit for Rs. 440 and Sumit in turn sold it to Vijay at

10% profit. Then what would have been the profit per cent of Raju if he sells chair to Vijay at price sold by Sumit?

- (1) 20% (2) 21%
(3) 20.50% (4) 22%
- Harish bought two tables for Rs. 300 each. He sold one at the profit of 10% and one at loss of 10%. What is the net profit/loss of Harish?
(1) 1% loss (2) 1% profit
(3) 9% profit (4) No profit no loss
 - Profit earned by Raju on product A by selling it at Rs. 600 is 20% and profit earned on product B is 30% by selling it at Rs. 1300. Find the net profit of Raju in rupees?
(1) Rs. 400 (2) Rs. 510
(3) Rs. 490 (4) Rs. 420
 - Marked price on certain product is Rs. 3000. Shopkeeper A is giving discount series of 20% and 30% on marked price and shopkeeper B is giving discount series of 30% and 20% on marked price. Who is selling it at lower price?
(1) Shopkeeper A
(2) Shopkeeper B
(3) Both are selling at equal price
(4) It depends upon the cost price
 - Two numbers are in ratio 2 : 3. If each number is increased by 1 then their ratio becomes 4 : 5. Find the second number?
(1) 1 (2) 1.5
(3) 2 (4) 2.5
 - Find the mean proportion of 4 and 16?
(1) 5 (2) 6
(3) 7 (4) 8
 - Thrice of first number is equal to five times the other number. What is the ratio of two numbers?
(1) 3 : 5 (2) 5 : 3
(3) 3 : 4 (4) 4 : 3

22. Find the fourth proportion to 3, 5 and 9.
 (1) 12 (2) 11
 (3) 15 (4) 10
23. If x varies inversely as y varies then $x = 2$ when $y = 4$. Find y when $x = 4$.
 (1) 2 (2) 3
 (3) 4 (4) 5
24. In a class of 100 students, 40% are boys, 60% of boys and 40% of girls passed an exam and the rest failed. Find the ratio of boys and girls who failed in the exam.
 (1) 4 : 9 (2) 9 : 4
 (3) 1 : 1 (4) 2 : 3
25. Suresh can do a piece of work in 15 days. Harish can do the same work in 10 days. In how many days will they both complete the same work if working together?
 (1) 6 days (2) 7 days
 (3) 8 days (4) 9 days
26. A can do a piece of work in 10 days. B can do the same work in 6 days working together with A. In how many days can B alone do the same work?
 (1) 10 days (2) 12 days
 (3) 15 days (4) 18 days
27. Jagjit can finish some work in 12 days. His friend Kanti is of half the efficiency as Jagjit. In how many days they both can finish the same work working together?
 (1) 6 days (2) 8 days
 (3) 10 days (4) 15 days
28. Pipe A can fill the cistern in 20 minutes and pipe B can empty it in 50 minutes. In how much time can the cistern be filled if both the pipes are working together?
 (1) 40 minutes
 (2) 30 minutes
 (3) 25 minutes
 (4) $33\frac{1}{3}$ minutes
29. A cistern is filled in 40 minutes by the inlet pipe, but because of leak it takes 60 minutes to be filled. In how minutes can the leak alone empty the fully filled cistern?
 (1) 150 minutes
 (2) 180 minutes
 (3) 120 minutes
 (4) 100 minutes
30. Vijay can construct a certain wall in 15 days and Ram can destroy the whole wall in 20 days. In how many days can the wall be constructed for the first time if both are working together?
 (1) 60 days (2) 70 days
 (3) 80 days (4) 50 days
31. Puneet and Amit can finish a piece of work in 25 days working together. Amit and Ajay can finish the same work in 15 days. Ajay and Puneet can finish the same work in 30 days. In how many days the work can be finished if all three work together?
 (1) 10 days (2) $14\frac{1}{7}$ days
 (3) $14\frac{2}{7}$ days (4) $7\frac{1}{7}$ days
32. Jatin can do a piece of work in 14 days and Tinku can finish the same work in 21 days. In how many days can they both finish the work if they work alternatively starting with Tinku?
 (1) 14 days (2) 15 days
 (3) 16 days (4) 17 days
33. Pipe A can fill the cistern in 30 minutes and pipe B can fill it in 20 minutes and there is a leak in the cistern which can empty it in 50 minutes. If so in how much time can cistern be filled if pipe A is continuously filling since beginning and pipe B is opened after 50 minutes and leak is working all the time?
 (1) 55.26 minutes
 (2) 60.26 minutes
 (3) 62 minutes
 (4) 72 minutes
34. A cistern is filled in 35 minutes by pipe A and in 45 minutes by pipe B. In how many minutes can the cistern be filled if both the pipes are on but pipe A is turned off after 15 minutes?
 (1) 24.5 minutes
 (2) 25.7 minutes
 (3) 30.5 minutes
 (4) 28 minutes
35. Find the average speed of Rajesh if he travels first 100 km with the speed of 20 km/hr and next 100 km with the speed of 25 km/hr.
 (1) 22.5 km/hr (2) 26 km/hr
 (3) 22.22 km/hr (4) 27 km/hr
36. Find the time taken by the train which is 150 metre long to cross the electricity pole, if train is running at 15 metre/second?
 (1) 10 seconds (2) 12 seconds
 (3) 20 seconds (4) 22 seconds
37. Speed of boat when going upstream is 7 metre/second and when going downstream is 11 metre/second. Find the speed of flow of water.
 (1) 3 metre/second
 (2) 2 metre/second
 (3) 9 metre/second
 (4) 4 metre/second
38. Rakesh takes 60 seconds to row 120 metres upstream and 40 seconds to row 120 metres downstream. Find the speed of the rowing of Rakesh in still water.
 (1) 2 m/s (2) 3 m/s
 (3) 2.5 m/s (4) 4 m/s
39. Find the time taken by Neel to meet her friend Geeta who is 450 metres apart. Both are walking towards each other. Speed of walking of Neeta is 5 m/s and speed of walking of Geeta is 4 m/s.
 (1) 40 seconds (2) 45 seconds
 (3) 50 seconds (4) 55 seconds
40. Dinesh increases his speed by 20% because of which he manages to reach the office 10 minutes early. Find the original time Dinesh used to take to reach the office.
 (1) 1.2 hours (2) 1.1 hours
 (3) 1.5 hours (4) 1 hour
41. If Giridhar walks at 5 m/s from his house he reaches office 10 minutes late and if he walks at 8 m/s he reaches office 5 minutes early. What is the distance between his office and house?
 (1) 11 km (2) 12 km
 (3) 13 km (4) 14 km
42. If the simple interest on Rs. 2000 is Rs. 200 for 2 years. Find the rate of interest per annum.
 (1) 5% (2) 6%
 (3) 7% (4) 8%

43. Find the compound interest on Rs. 1000 for 2 years at 10% per annum compounded annually.

- (1) Rs. 1,331 (2) Rs. 1,000
(3) Rs. 331 (4) Re. 1

44. If Rs. 3000 is kept at simple interest for 2 years at 10% per annum and same amount is kept for 2 years at 10% per annum at the compound interest compounded annually, then find the difference in the interests earned.

- (1) Rs. 50 (3) Rs. 25
(3) Rs. 30 (4) Rs. 40

45. Umesh invested a part of Rs. 5000 at 5% simple interest for 3 years and remaining part at 10% per annum compounded annually for 3 years such that the total interest earned after 3 years is Rs. 931. Find the amount invested at 10% compound interest.

- (1) Rs. 2500 (2) Rs. 2000
(3) Rs. 1500 (4) Rs. 1000

46. If a certain sum doubles itself after 3 years kept at simple interest. In how many years will it become 5 times of its value?

- (1) 12 years (2) 15 years
(3) 18 years (4) 9 years

47. A certain sum of money triples itself in 2 years kept at compound interest. In how many years will it become 9 times of its value?

- (1) 3 years (2) 4 years
(3) 6 years (4) 8 years

48. How many shares can Rajan buy if he invests Rs. 2000 in Rs. 100 face value share which is at 20% premium?

- (1) 16.67 shares
(2) 16.5 shares
(3) 15.67 shares
(4) 15 shares

49. What is return on investment if Rs. 9000 is invested in 5% stock at Rs. 90 having Rs. 100 as its face value?

- (1) Rs. 650 (2) Rs. 500
(3) Rs. 550 (4) Rs. 600

50. What is the amount required to be invested in 4% stock at Rs. 110 having face value of Rs. 100 to earn Rs. 400?

- (1) Rs. 10,000 (2) Rs. 10,500
(3) Rs. 11,000 (4) Rs. 11,500

ENGLISH LANGUAGE

Directions (51-64) : Choose the option which will correctly fill the blank.

51. I am very interested ___ finding out what happened to the car.

- (1) At (2) For
(3) In (4) About

52. It is very interesting ___ read the newspaper.

- (1) To (2) From
(3) Of (4) About

53. The documents have been approved ___ the appropriate authority.

- (1) With (2) By
(3) At (4) But

54. Mrs. Shah is ___ the list of invitees.

- (1) Among (2) On
(3) Across (4) By

55. Tuesday comes ___ Wednesday.

- (1) By (2) Before
(3) Beyond (4) Despite

56. I would love to attend the party ___ I have some work.

- (1) Before ad.udyasat.com
(3) Of is.org (4) But

57. The resort is located in the ___ side of the lake.

- (1) Across (2) Opposite
(3) Up (4) Down

58. She is not accustomed ___ giving her personal information to strangers.

- (1) Of (2) To
(3) By (4) Off

59. According to Mythology, ___ holy river Ganga begins from ___ matted locks of Lord Shiva.

- (1) A (2) An
(3) The (4) No Article required

60. ___ Egg is a great source of protein.

- (1) A (2) An
(3) The (4) No Article required

61. ___ Umbrella.

- (1) A (2) An
(3) The (4) No Article required

62. It is ___ same blue umbrella that has a broken handle.

- (1) A (2) An

(3) The

(4) No Article required

63. Manasa sarover is in ___ Himalayas.

- (1) A (2) An
(3) The (4) No Article required

64. He signed up for ___ one day training course in Golf.

- (1) A (2) An
(3) The (4) No Article required

Directions (65-70) : Choose the word nearest in meaning to the word printed in **bold** from the given options.

65. He **hates** washing the dishes.

- (1) Dislikes (2) Loves
(3) Frowns (4) Unloves

66. He had no **option** but to drive to the game.

- (1) Election (2) Advantage
(3) Choice (4) Claim

67. She lacks **tact**.

- (1) Manners (2) Rudeness
(3) Care (4) Diplomacy

68. The parade **ended** just as it started to rain.

- (1) Finished (2) Delayed
(3) Broke (4) Created

69. We **watched** the movie because Brian had bought the ticket.

- (1) Attended (2) Passed
(3) Saw (4) Noted

70. The picture hanging on the wall of their living room is **beautiful**.

- (1) Repulsive (2) Taking
(3) Plain (4) Pretty

Directions (71-80) : Choose the option which is correctly fill the blank.

71. The moon ___ behind the colouids.

- (1) Disappeared
(2) Flew
(3) Went (4) Hid

72. A light rain ___ on our heads.

- (1) Came (2) Fell
(3) Shower (4) Pouring

73. The curious toddler ___ a handful of sand in her mouth.

- (1) Digest (2) Smelled
(3) Spat (4) Popped

74. The telephone had been ___ for a long time before someone answered it.

- (1) Shouting (2) Ringing
(3) Yelling (4) Whistling

75. All the members from that club are _____ for the marathon.

- (1) Hiding (2) Dancing
(3) Running (4) Ran

76. She is _____ as she is allergic to dust.

- (1) Sneezing (2) Cried
(3) Shouting (4) Smiling

77. Mr. Shah _____ his painting to the museum.

- (1) Visited (2) Donated
(3) Carrying (4) Handled

78. _____ tried to fix the broken painting _____.

- (1) He, himself
(2) They, herself
(3) Your, yourself
(4) She, himself

79. _____ like to dance.

- (1) She (2) He
(3) I (4) Them

80. All _____ articles belong to Medhna's mother.

- (1) Of (2) Those
(3) Which (4) Them

Directions (81-90) : Find the correct sentences :

81. A. All of us are going to the picnic.

B. It is likely to rain for the next three days.

C. Most of the cartoons programs on the television are very violent.

D. Would you like to accompany me to the market ?

- (1) A, C (2) B, D
(3) D (4) A, D

82. A. All the book must be neatly stacked on the racks.

B. I would like to borrow your notebook.

C. The evidences are not enough to convict him.

D. I kindly request you to take action in this regard.

- (1) B (2) B, D
(3) A, B (4) C

83. A. The doctor is travelling and will not be available till he comes back.

B. Each of us are waiting for the result.

C. Would you like to eat an ice-cream.

D. The curtains needs to be washed

- (1) B, D (2) A, B
(3) C (4) B

84. A. I need groceries and for that I have to go to the grocer shop.

B. Very few programs on the television are child friendly.

C. The government should realize their duty to their people.

D. Tolerance and patience are two virtues that are fast disappearing today.

- (1) A, B (2) B, D
(3) C, A (4) D, A

85. A. To avoid the evening rush hour, Aarti decided to stay over at her mother's house.

B. Where there are wills, this is a way.

C. Why would you disrupts the classroom like this ?

D. There is a lot to learn from the world around us.

- (1) A (2) A, D
(3) B, C (4) C, A

86. A. Pollution around the world is affecting the health of peoples.

B. There are five oceans on our planets.

C. Their dog is very friendly.

D. I like to go for a morning walk every day.

- (1) A, C (2) B, D
(3) C, D (4) D

87. A. I would like to have a cup of tea.

B. Tea is something which I like to drink every morning.

C. As soon as I get up in the morning, I want to read the newspaper.

D. Everything is going according to the plan.

- (1) A (2) A, B, C
(3) C, D (4) D, A

88. A. All the kitchen appliances is very useful.

B. The internet is a useful source for information.

C. Children are a precious gift of god.

D. All the glasses got broke when it fell from his hand.

- (1) D, A (2) C, B
(3) B (4) C, A

89. A. All the contributions have been very generous.

B. Would you like to eat something before we leave ?

C. All the grocery is in the bag.

D. The bags is not big enough to hold everything.

- (1) A, B (2) C, D
(3) D, B (4) B, C

90. A. All the water in the tanks have been used up so there is no water in the building.

B. Movie tickets are very expensive.

C. My favourite colour is red.

D. All of my toys I donated to the orphanage.

- (1) D, A (2) C, D
(3) B, A (4) B, C

Directions (91-100) : Read the passage and answer the questions that follow :

There are nine planets in our Solar System. They are Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune and Pluto. Earth is the third planet from the sun. It is the only planet we know that supports different life forms on it. It is the only planet in the Solar System with liquid water on its surface.

About 30% of the earth's surface is covered with land while the balance 70% is covered by oceans. The biggest islands on the earth's surface are called continents and the largest water bodies are called oceans. North America, South America, Europe, Asia, Africa, Australia and Antarctica are the 7 continents and Pacific ocean, Atlantic ocean, Indian ocean, Arctic ocean and Antarctic ocean are the 5 oceans. Our Earth has different kind of environments and hence is ideal to support different forms of life on its surface.

The earth revolves around the sun. One revolution of the earth around the sun is completed in approximately 365 days; a year on earth. The earth also rotates on its axis and takes 24 hours (a day) to complete one rotation. This phenomenon of revolution and rotation together gives the earth its different climatic conditions like, summer and winter.

How many planets are there in our solar system ?

- (1) 4 (2) 8
(3) 9 (4) 2

92. What are the biggest islands on the earth's surface called ?

- (1) Continents (2) Oceans
(3) Rocks (4) Antarctica

93. What are the names of all planets in our solar system ?

- (1) North America, South America, Australia, Antarctica, Asia, Europe, Africa
(2) Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune and Pluto
(3) Summer, Monsoon, Winter
(4) Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune and Parachute

94. Name the different climatic conditions on earth.

- (1) Summer, Monsoon, Winter
(2) Hot, Dry, Wet, Rainforests
(3) Very Cold and Very Hot
(4) Mercury, Venus, Earth, Mars

95. How much time does the earth take to revolve once around the sun ?

- (1) 300 days (2) 24 hrs
(3) 7 days (4) 1 year

96. The earth takes one year to complete one rotation on its axis.

- (1) False, as per the passage
(2) True, as per the passage
(3) True, but not mentioned in the passage
(4) Maybe false, but not mentioned in the passage

97. Name the continents on the earth's surface.

- (1) 7 Continents
(2) Atlantic, Pacific, Arctic, Antarctic and Indian
(3) North America, South America, Europe, Asia, Africa, Australia and Antarctica
(4) 5 Continents

98. According to the passage, how many days are combined to form a year ?

- (1) 365 days (2) 363 days
(3) 367 days (4) 364 days

99. Which other planet supports life form on its surface ?

- (1) Venus
(2) None that we know
(3) Jupiter
(4) Moon

100. How much of the earth's surface is covered by oceans ?

- (1) 70% (2) 30%
(3) 10% (4) 2%

GENERAL INTELLIGENCE

Directions (101-103) : In a class of 150 students 55 speaks English; 65 speak Telugu and 30 speak neither English nor Telugu.

101. How many students speak both English and Telugu ?

- (1) 40 (2) 20
(3) 60 (4) 80

102. How many students speak only Telugu ?

- (1) 40 (2) 25
(3) 30 (4) 65

103. How many students speak at least one of the two languages from English and Telugu ?

- (1) 145
(2) 120
(3) 175
(4) 110

Directions (104-106) : In a class of 160 students, it was found that 65 play cricket, 70 play Hockey and 90 play Football. 30 play Cricket and Hockey, 40 play Cricket and Football, 35 play Hockey and Football and 15 play none of the of these three games.

104. How many play all the three games ?

- (1) 30 (2) 25
(3) 45 (4) 50

105. If 10 students who play only Hockey now start playing Cricket also; and 10 students who play only Football stop playing Football and start playing Cricket how many will play Cricket and Hockey ?

- (1) 20 (2) 30
(3) 40 (4) 60

106. How many students play exactly one game ?

- (1) 80 (2) 70
(3) 60 (4) 90

Directions (107-110) : In a survey of 150 readers it has been found that 75 read newspaper A, 90 read newspaper B and 70 read newspaper C. 40 read A and B; 35 read B and C; 30 read A and C and 10 read all the three.

107. How many respondents read none of the newspaper ?

- (1) 10 (2) 20
(3) 30 (4) 40

108. How many read exactly two newspaper ?

- (1) 55 (2) 45
(3) 65 (4) 75

109. How many read exactly one newspaper ?

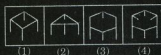
- (1) 45 (2) 55
(3) 65 (4) 75

110. How many read neither A nor B ?

- (1) 25 (2) 35
(3) 45 (4) 55

Directions (111-116) : Find the one out out.

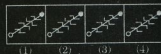
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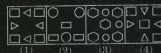
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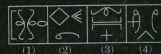
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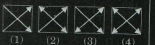
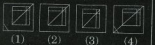
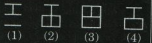
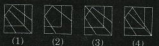
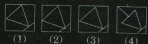
115.



116.



Directions (117-122): Identify the figure from the given options that completes the problem figure.



123. Find the next number in the series : 2, 5, 8, 11,

- (1) 15 (2) 12
(3) 14 (4) 17

124. Find the next number in the series

- 10, 19, 28, 37, 46, 55, 64, 73, 82,

- (1) 94 (2) 93
(3) 89 (4) 91

125. Find the next number in the series

- 25, 225, 625,

- (1) 1320
(2) 1225
(3) 1435
(4) 1525

126. Find the next number in the series

- 13, 24, 35, 46, 57,

- (1) 69 (2) 67
(3) 87 (4) 68

127. Find the missing term in the following series :

- 1, 2, 5, 9, 19, 37, ?

- (1) 73 (2) 75
(3) 76 (4) 78

128. Find the next number in the series : 1, 2, 2, 4, 8, 32,

- (1) 256 (2) 266
(3) 276 (4) 286

129. A number series is given with one term missing. Choose the correct alternative that will continue the same pattern and replace the question mark in the given series ?

- 3, 15, 35, ?, 99, 143

- (1) 63
(2) 69
(3) 77
(4) 81

130. If '+' means ' \times ', ' \times ' means ' \div ', ' \div ' means '+' and ' \div ' means ' \times ', then find the value of

- $15 - 3 + 10 \times 5 \div 5$

- (1) 52 (2) 48
(3) 22 (4) 5

131. If '+' means ' \times ', ' \times ' means ' \div ', ' \div ' means '+', ' \div ' means ' \times ', then find the value of

- $5 + 4 - 18 \times 3$

- (1) 23 (2) 6
(3) 26 (4) 14

132. If A stands for +, B stands for -, C stands for \times . What is the value of $(10 C 4) A (4 C 4) B 6 = ?$

- (1) 46
(2) 50
(3) 56
(4) 60

133. Given interchanges : signs + with - and numbers 7 with 3, then which of the following alternatives is correct ?

- (1) $3 - 7 + 4 = 7$
(2) $3 - 7 + 5 = 5$
(3) $3 - 7 + 2 = 7$
(4) $3 + 7 - 4 = 9$

134. Complete the following equation with the correct arithmetical signs, (+, \times , -, \div)

- $(16 \div 4) 4 = 5$
(1) +, \div (2) \times , +
(3) \div , - (4) -, -

135. If + means \div , - means \times , \div means +, and \times means - then

- $10 \times 5 \div 3 - 2 + 3 = ?$

- (1) 7 (2) 5
(3) $-2 \frac{6}{16}$ (4) $17 \frac{2}{3}$

136. A two-digit number is such that the product of the digits is 8. When 18 is added to the two digit number, then the digits are reversed. What would be that number ?

- (1) 18 (2) 24
(3) 42 (4) 81

137. In a soap company soap is manufactured with 11 parts. For making one soap you will get 1 part as scrap. At the end of the day you have 251 such scraps. From that how many soaps can be manufactured ?

- (1) 25 (2) 30
(3) 35 (4) 40

138. A frog jumps 3 feet and comes back 2 feet in a day. In how many days it will come out of 30 feet-deep well ?

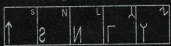
- (1) 22 days
(2) 26 days
(3) 28 days
(4) 32 days

139. In a certain code language "CALCULATOR" is coded as "ACCLLUTARO", how is "COMPUTER" coded ?
 (1) OCMPTURE
 (2) COPMUTRE
 (3) OCPMUTRE
 (4) OCPMTURE
140. In a certain code "SPORT" is written as "TRPTU", how would "GAMES" be written in that same code ?
 (1) HCNGT
 (2) HBOGT
 (3) HCNFU
 (4) IBOFU

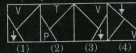
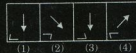
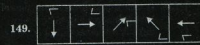
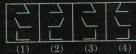
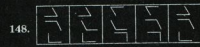
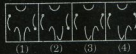
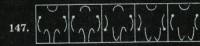
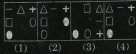
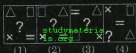
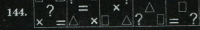
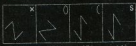
141. In a certain code "ROMANTIC" is written as "MORNACIT", how is "MARRIAGE" written in that same code ?
 (1) MARRIAGE
 (2) RAMRIEGA
 (3) RAMIRAGE
 (4) RAMIREGA
142. In a certain code "SUPER" is coded as "TTQDS" how is "HERO" coded ?
 (1) DISN
 (2) NISG
 (3) GISN
 (4) IDSN

Directions (143-150) : Select a figure from amongst the Answer Figures which will continue the same series as established by the five Problem Figures.

143. Problem Figures



Answer Figures



151. A set of instructions given to the computer in a particular sequence is known as which of the following ?
 (1) Hardware (2) Software
 (3) Machine (4) Program
152. A byte is a combination of how many bits ?
 (1) Eight (2) Six
 (3) Five (4) Four
153. Which of the following is an input device ?
 (1) Printer (2) Monitor
 (3) Keyboard (4) Speakers
154. Which of the following program converts entire program into machine language ?
 (1) Compiler (2) Interpreter
 (3) Commander (4) Simulator
155. What is Windows XP ?
 (1) Output device
 (2) Input device
 (3) Storage unit
 (4) Operating system
156. What is the full form of LAN?
 (1) Large area network
 (2) Local area network
 (3) Least area network
 (4) Low area network
157. What is the function of the shortcut key 'Alt and E' ?
 (1) Edit options in current program
 (2) File Menu Options in Current Program
 (3) Copy the content
 (4) Delete the selected item
158. In a program flow charts decision point is denoted by which of the following symbols ?
 (1) Circle (2) Rectangle
 (3) Diamond (4) Parallelogram
159. CPU has been typically constructed by a single integrated unit called as which of the following ?
 (1) Storage unit
 (2) Microprocessor
 (3) Control Unit
 (4) Register
160. What was the technology used in Second Generation Computers ?
 (1) Vacuum tubes

- (2) Transistors
(3) Artificial intelligence
(4) Integrated circuit
- 161.** Where did 'Alexander the Great' die?
(1) Babylon (2) Elatea
(3) Greece (4) Persia
- 162.** Where was Gautam Buddha born?
(1) Magadha (2) Lumbini
(3) Varanasi (4) Kosala
- 163.** Who was the grandfather of Shah Jahan?
(1) Humayun (2) Akbar
(3) Babar (4) Jahangir
- 164.** The rule of which of the following empires is termed as 'Golden Age of India' in the Indian history?
(1) Maurya (2) Mughal
(3) Gupta (4) Maratha
- 165.** Who established Mauryan Empire?
(1) Ashoka (2) Bindusara
(3) Ghandragupta
(4) Chanakya
- 166.** Who founded Maratha Empire?
(1) Shivaji (2) Ashoka
(3) Baji Rao (4) Tipu Sultan
- 167.** Who is known as Tiger of Mysore?
(1) Sher Shah Suri
(2) Tipu Sultan
(3) Babur
(4) Bahadur Khan
- 168.** When was the Dutch East India Company established?
(1) 1605 (2) 1602
(3) 1604 (4) 1603
- 169.** Line of Actual Control (LAC) is the effective border between which of the following two countries?
(1) India and People's Republic of China
(2) India and Pakistan
(3) India and Sri Lanka
(4) India and Bangladesh
- 170.** Which is the largest ocean in the world?
(1) Pacific Ocean
(2) Atlantic Ocean
(3) Indian Ocean
(4) Southern Ocean
- 171.** Which is the biggest delta in the world?
(1) The Sunderbans
(2) Mississippi delta
- (3) Niger
(4) Pearl river
- 172.** Name the country which is called as 'Land of Rising Sun'?
(1) China (2) Japan
(3) Egypt (4) Myanmar
- 173.** Name the plateau which occupies most of southern India?
(1) Deccan Plateau
(2) Bhander Plateau
(3) Chota Nagpur Plateau
(4) Baghelkhand Plateau
- 174.** Name the plateau which spreads across Madhya Pradesh, Rajasthan and Gujarat?
(1) Deccan Plateau
(2) Malwa Plateau
(3) Central Plateau
(4) Bhander Plateau
- 175.** When was Rowlatt Act passed?
(1) 1920 (2) 1919
(3) 1921 (4) 1922
- 176.** What is the minimum age for attaining the right to vote in India?
(1) 21 years (2) 22 years
(3) 18 years (4) 25 years
- 177.** When was the Right to Information Act passed by Indian Parliament?
(1) 2004 (2) 2005
(3) 2006 (4) 2001
- 178.** Theosophical Society was formed in which year?
(1) 1872 (2) 1875
(3) 1870 (4) 1880
- 179.** When was Right of Children to free and compulsory Education Act passed by Indian Parliament?
(1) 2008 (2) 2009
(3) 2007 (4) 2006
- 180.** How many spokes are there in Ashok Chakra in Indian National Flag?
(1) 23 (2) 24
(3) 27 (4) 25
- 181.** Which is the first Indian State formed on linguistic basis?
(1) Assam
(2) West Bengal
(3) Andhra Pradesh
(4) Tamil Nadu
- 182.** Who wrote the Preamble to the Constitution of India?
(1) Mahatma Gandhi
(2) Sarojini Naidu
- (3) Jawaharlal Nehru
(4) Dr. Rajendra Prasad
- 183.** When was the Reserve Bank of India established?
(1) 1932 (2) 1935
(3) 1936 (4) 1945
- 184.** What is the maximum number of members elected to Lok Sabha from Union Territories of India?
(1) 20 (2) 22
(3) 25 (4) 28
- 185.** Which of the following festivals is mainly celebrated by Sikhs?
(1) Durga Puja
(2) Gurunanak Jayanti
(3) Ganesha Puja
(4) Pongal
- 186.** Which of the following is the classical Indian dance form of Kerala?
(1) Bharatanatyam
(2) Kathakali
(3) Yakshagana
(4) Kathak
- 187.** Which of the following is an Indo Dravidian language?
(1) Oriya (2) Gujarati
(3) Tamil (4) Assamese
- 188.** Where is the statue of Gomateshwara (Lord Bahubali) located?
(1) Shravanabelagola
(2) Bijapur
(3) Mysore (4) Hampi
- 189.** Ajanta Cave temple is dedicated to which of the following gods?
(1) Lord Vishnu
(2) Lord Mahavira
(3) Lord Buddha
(4) Lord Rama
- 190.** 'Mile Sur Mera Tumhara' was sung by which of the following classical singers?
(1) Pandit Ravi Shankar
(2) Dr. Balamuralikrishna
(3) Tansen
(4) Pandit Bhimsen Joshi
- 191.** Rabindranath Tagore, the famous poet belongs to which of the following states?
(1) Maharashtra
(2) Punjab
(3) Karnataka
(4) West Bengal
- 192.** Viswanathan Anand is a champion in which of the following games?