

NICL Officers Generalist Model Paper

Reasoning Ability

1. If 'spoon' is called 'plate', 'plate' is called 'knife', 'knife' is called 'jug', 'jug' is called 'glass', 'glass' is called 'saucer' and 'saucer' is called 'spoon', by what do we cut fruit?
 - a) Spoon
 - b) **Jug**
 - c) Glass
 - d) Saucer
 - e) None of these
2. Geeta is senior to Shilpa but not Deepa. Gayatri is junior to Deepa. None is senior to Fatima. Who is most junior?
 - a) Shilpa
 - b) Geeta
 - c) Gayatri
 - d) **Data inadequate**
 - e) None of these
3. 'Captain' is related to 'Team' in the same way as 'Director' is related to which of the following?
 - a) Supervisor
 - b) Employee
 - c) **Organization**
 - d) Union
 - e) Customer
4. Four of the following five are alike in a certain way and hence form a group. Which is one that does not belong to that group?
 - a) Sister
 - b) **Child**
 - c) Uncle
 - d) Cousin
 - e) Nephew
5. Pointing to a photograph of Hari, Vijay said, "The father of his sister is the husband of my wife's mother." How is Vijay related to Hari?
 - a) Brother
 - b) **Brother in law**
 - c) Uncle
 - d) Data Inadequate
 - e) None of these
6. Sachin is sitting to the immediate left of Meena but not next to Bharti. Praveen is sitting to the right of Bharti. If the four friends are sitting in a circle, who is sitting to the immediate right of Meena?
 - a) Praveen
 - b) **Bharti**
 - c) Sachin
 - d) Meena
 - e) Cannot be determined

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7. How many three letter meaningful English words can be formed from the word NOTE beginning with 'T' and without repeating any letter within that word?
a) **Three**
b) One
c) Two
d) None
e) None of these
8. If 'A' is substituted by 26, 'B' by 25 and so on upto 'Z'. What will be the sum of the numbers substituted for the word 'WAXY'?
a) 33
b) **35**
c) 37
d) 73
e) None of these
9. If 'X' means '+', '+, means '÷', '÷' means '×' and '×' means 'X', what will be the value of the following expression?
 $5 \times 7 \times 9 + 3 \div 2$
a) **36**
b) 315
c) 48
d) 44
e) None of these
10. In a certain code, COIMBATORE is written as DPJNCBUPSF. How is INDORE written in that code?
a) JOENQF
b) JMCPQD
c) **JOEPSF**
d) HMCNQD
e) None of these

Directions (Q. 11-15): Study the following arrangement and answer the questions give below.

A \$ B # 9 G 3 D K * M ? C Q 2 X 7 P 5 U 8 I 4 Y Ø J

11. Which of the following will be the fifteenth element from the left and if all the numbers are arranged in descending order from left to right, keeping their position of the other elements in the arrangement unchanged?
a) 5 b) 4 c) **7** d) 8 e) None of these
12. How many elements in the above arrangement are both immediately preceded and immediately followed by a number?
a) One b) Two c) Three d) **Five** e) None of these
13. How many letters in the above arrangement are immediately followed by a symbol?
a) Two b) **Five** c) Four d) Three e) None of these
14. Four of the following five are alike in a certain way based on their position in the above arrangement and so form a group. Which is the one that does not belong to that group?

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- a) G\$M b) K9Q c) ?DS7 d) 2MU e) **PCI**

15. Which of the following will be eighth to the left of the twelfth from the left end of the arrangement?

- a) # b) 7 c) U d) 9 e) None of these

Directions (Q. 16-20): Read the following information carefully and answer the questions given below.

Six executives Akash, Bipasha, Deepak, Jyoti, Kartik and Priya have to advertise four products, i.e. Soap, watches, computers and chocolates on 3 different channels i.e. go, one and spice either alone or in pairs. An executive can visit only one channel and advertise only one product. Not more than two executives can advertise on a channel.

- (i) Bipasha and Jyoti both visit the same channel but advertise different product
- (ii) Akash who visits 'Go' advertises neither soap nor computers
- (iii) Kartik does not advertise chocolates
- (iv) No girl advertises soap
- (v) The two executives who advertise chocolates visit spice

16. Who advertises watches?

- a) Deepak
- b) Kartik
- c) **Akash**
- d) Priya
- e) None of these

17. Which channel does Kartik visit?

- a) **Go**
- b) Spice
- c) One
- d) Cannot be determined
- e) None of these

18. Which of the following channel product pairs is definitely incorrect?

- a) Go-watch
- b) One-computer
- c) Go-soap
- d) **One-soap**
- e) One-watch

19. What will Jyoti advertise?

- a) Chocolates
- b) Watches
- c) **Computers or watches**
- d) Cannot be determined
- e) None of these

20. If Bipasha advertises computers which of the following must be true?

- a) Jyoti advertises soap
- b) **Jyoti advertises watches**
- c) Kartik advertises computers

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- d) Kartik works for spice
e) None of these
21. How many pairs of letters are there in the word ANSWER each of which has as many letters between them in the word as there are in the English language?
a) One
b) **Two**
c) Four
d) Three
e) None of these
22. Four of the following are alike in a certain way and hence form a group. Which is the one which does not belong to that group?
a) 3 b) 5 c) 11 d) 13 e) **9**
23. Rupa and Saroj want to attend a seminar together between 9 am to 5 pm on Friday. Saroj cannot leave till after her lunch break which begins at 1.30 pm. Rupa is free after her meeting which ends at noon. For how many hours can two of them attend the seminar?
a) 3-1/2 h
b) 2-1/2 h
c) 4-1/2 h
d) **Cannot be determined**
e) None of these
24. Out of 38 families in a housing society, 5 subscribe to Hindu newspapers alone, 12 subscribe to both Hindi and Marathi newspapers. Find the number of Marathi newspaper subscribers.
a) 9
b) 21
c) 17
d) Cannot be determined
e) **None of these**
25. If all the letters in the word MERCIFUL are rearranged in alphabetical order and substituted by the alphabet preceding them in the English alphabet what will be the new arrangement of letters?
a) BDHEKLQT
b) **BDEHKLQT**
c) BDEHLKQT
d) BDEJMLQT
e) None of these

Directions (Q. 26-30): In each question, below are two statements followed by two conclusions numbered I and II. You have to take two given statements to be true even if they seem to be at variance from commonly known facts and then decide which of the given conclusions logically follows from the two statements disregarding commonly known facts.

Give Answer

- (a) If only conclusion I follows
(b) If only conclusion II follows
(c) If either conclusion I or II follows
(d) If neither conclusion I nor II follows
(e) If both conclusion I and II follow

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26. Statements: Some papers are plastics.
All papers are clothes.
Conclusions: I. Some plastics are clothes.
II. Atleast some plastics are papers.
27. Statements: Some sweets are salt.
No salt is spice.
Conclusions: I. Some sweets are spice.
II. No spice is sweet.
28. Statements: Some pencils are lead.
All lead are ink.
Conclusions: I. Some ink are definitely pencils.
II. All ink being lead is a possibility.
29. Statements: Some ovens are refrigerators.
Some refrigerators are Acs.
Conclusions: I. Atleast some Acs are ovens.
II. No AC is oven.
30. Statements: All panels are birds.
All birds are clouds.
Conclusions: I. Some planes being clouds is a possibility.
II. Atleast some clouds are birds.

Directions (Q. 31-35): In each of the questions below consists of a question and two statement I and II given below it. You have to decide whether the data provided in the statements are sufficient to answer the question.

31. On which day in April is Subham's birthday?
Statements: I. Subham was born exactly 28 years after his mother was born.
II. His mother will be 55 years 4 months and 5 days on August 18 this year.
- (a) I alone is sufficient while II alone is not sufficient
(b) II alone is sufficient while I alone is not sufficient
(c) Either I or II is sufficient
(d) Neither I nor II is sufficient
(e) **Both I and II are sufficient**
32. Among A, B, C, D, E and F, who is the heaviest?
Statements: I. A and D are heavier than B, E and F but none of them is the heaviest.
II. A is heavier than D but lighter than C.
- (a) **I alone is sufficient while II alone is not sufficient**
(b) II alone is sufficient while I alone is not sufficient
(c) Either I or II is sufficient
(d) Neither I nor II is sufficient
(e) Both I and II are sufficient
33. In which year was Rahul born?
Statements: I. Rahul at present is 25 years younger to his mother.
II. Rahul's brother, who was born in 1964, is 35 years younger to his mother.
- (a) I alone is sufficient while II alone is not sufficient

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- (b) II alone is sufficient while I alone is not sufficient
- (c) Either I or II is sufficient
- (d) Neither I nor II is sufficient
- (e) **Both I and II are sufficient**

34. What will be the total weight of 10 poles, each of the same weight?

Statements: I. One-fourth of the weight of each pole is 5 kg.

II. The total weight of three poles is 20 km more than the total weight of two poles.

- (a) I alone is sufficient while II alone is not sufficient
- (b) II alone is sufficient while I alone is not sufficient
- (c) **Either I or II is sufficient**
- (d) Neither I nor II is sufficient
- (e) Both I and II are sufficient

35. How many children does M have?

Statements: I. H is the only daughter of X who is wife of M.

II. K and J are brothers of M.

- (a) I alone is sufficient while II alone is not sufficient
- (b) II alone is sufficient while I alone is not sufficient
- (c) Either I or II is sufficient
- (d) **Neither I nor II is sufficient**
- (e) Both I and II are sufficient

36. Vincent has a paper route. Each morning, he delivers 37 newspapers to customers in his neighbourhood. It takes Vincent 50 minutes to deliver all the papers. If Vincent is sick or has other plans, his friend Thomas, who lives on the same street, will sometimes deliver the paper for him

- a) Vincent and Thomas live in the same neighbourhood
- b) It takes Thomas more than 50 minutes to deliver the papers
- c) It is dark outside when Vincent begins his deliveries
- d) Thomas would like to have his own paper route.
- e) **None of these**

37. AZ, CX, FU, ?

- a) **IR**
- b) IV
- c) JQ
- d) KP
- e) None of these

38. A is B's sister. C is B's mother. D is C's father. E is D's mother. Then, how is A related to D?

- a) Grandfather
- b) Grandmother
- c) Daughter
- d) **Granddaughter**
- e) None of these

39. Clock : Time :: Thermometer : ?

- a) Heat
- b) Radiation
- c) Energy
- d) Temperature
- e) None of these

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40. A group of 1200 persons consisting of captains and soldiers is travelling in a train. For every 15 soldiers there is one captain. The number of captain in the group is?
a) 70 b) 75 c) 80 d) 85 e) **None of these**

Quantitative Aptitude

Directions (Q. 41-55): What should come in place of the question mark (?) in the following questions?

41. $998711 \div 362 \div 74563 \div 8526 \div 66156 = ?$
a) **849104** b) 849014 c) 849284 d) 981416 e) None of these
42. $\sqrt{11236} \times \sqrt{8649} = ?$
a) 9888 b) 10044 c) **9858** d) 9646 e) None of these
43. $2.5 \times 4.8 \div ? = 30$
a) 1.4 b) 0.2 c) 1.2 d) **0.4** e) None of these
44. $16.23 \times 12.9 + 17.32 = ?$
a) 294.0036 b) 490.4706 c) **226.687** d) 432.795 e) None of these
45. $(73)^2 \div (41)^2 + (29)^2 = ?$
a) 4344 b) 4321 c) **4489** d) 4649 e) None of these
46. $(6)^3 \times (9)^2 \div 18 = ?$
a) 1458 b) **972** c) 8748 d) 162 e) None of these
47. $\sqrt[3]{941192} = ?$
a) 101 b) **98** c) 96 d) 99 e) None of these
48. $999 \times 99 \times 9 = ?$
a) 891009 b) 890019 c) 890190 d) **890109** e) None of these
49. $7410 + ? \div 3652 \div 1479 = 11820$
a) 9451 b) 9527 c) 9441 d) **9541** e) None of these
50. $32\% \text{ of } 860 \times ? = 61920$
a) 252 b) 255 c) 215 d) 205 e) **None of these**
51. $963 \times 874 = ?$
a) 840788 b) 843588 c) 839736 d) 842536 e) **None of these**
52. $\sqrt{12544} \div 64 \times ? = 43.75$
a) 30 b) 15 c) **25** d) 40 e) None of these
53. $444 \div (16 \times 1.5) = ?$
a) 41.625 b) 222 c) **18.5** d) 185 e) None of these
54. $(16)^9 \div (16)^4 \times (16)^3 = (16)^?$
a) 6.75 b) **8** c) 10 d) 12 e) None of these

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55. $0.08 \times ? \times 2.5 = 1.12$
a) 6.5 b) 6.6 c) 5.5 d) **5.6** e) None of these
56. The population of a town is 198000. It increases by 7% in the 1st year and decreases by 5% in the 2nd year. What is the population of the town at the end of 2 years? What is the population of the town at the end of 2 years?
a) 211860 b) **201267** c) 222453 d) 198900 e) None of these
57. What should come in place of the question mark (?) in the following number series?
3 7 13 ? 31 43
a) 18 b) 19 c) 23 d) **21** e) None of these
58. If $x + y = 20$ and $xy = 84$; what is the value of $x^2 + y^2$?
a) **232** b) 400 c) 128 d) Cannot be determined e) None of these
59. In how many different ways can the letters of the word 'ABILITY' be arranged?
a) 5040 b) 720 c) 1260 d) 2420 e) **None of these**
60. The difference between a two digit number and the number obtained by interchanging two digits of the number is 9. The sum of the two digits of the number is 15. What is the product of two digits of two digit number?
a) 54 b) 72 c) **56** d) Can't be determined e) None of these
61. Vinita bought a watch with 24% discount on the selling price. If the watch cost her Rs.779. What is the original selling price of the watch?
a) Rs.1000 b) Rs.950 c) Rs.1040 d) Can't be determined e) **None of these**
62. Shyam invests an amount of Rs.5690 at the rate of 5% per annum for 3 years. What approximate amount of compound interest will be obtain at the end of 3 years?
a) Rs.854 b) Rs.799 c) Rs.843 d) Rs.787 e) **Rs.897**
63. Samantha, Jessica and Roseline begin to job around a circular stadium. They complete their revolutions in 84 s, 56 s and 63 s respectively. After how many seconds will they be together at the starting point?
a) 336 b) **504** c) 252 d) Can't be determined e) None of these
64. Asmita invests an amount of Rs.9535 at the rate of 4% per annum to obtain a total amount of Rs.11442 on simple interest after a certain period. For how many years did she invest the amount to obtain the total sum?
a) 10 years b) 2 years c) **5 years** d) 4 years e) None of these
65. The cost of 13 kg of sugar is Rs.195. The cost of 17 kg of rice is Rs.544 and the cost of 21 kg of wheat is Rs.336. What is the total cost of 21 kg of sugar, 26 kg of rice and 19 kg of wheat?
a) Rs.1461 b) Rs.1306 c) Rs.1500 d) Rs.1636 e) **None of these**
66. What approximate value should come in place of the question mark (?) in the following question?
 $\sqrt{876} \times 20.6 + 165.34 = ?$
a) 700 b) 686 c) **775** d) 846 e) 745
67. The product of two consecutive even numbers is 16128. Which is the larger number?
a) 132 b) **128** c) 124 d) 126 e) None of these

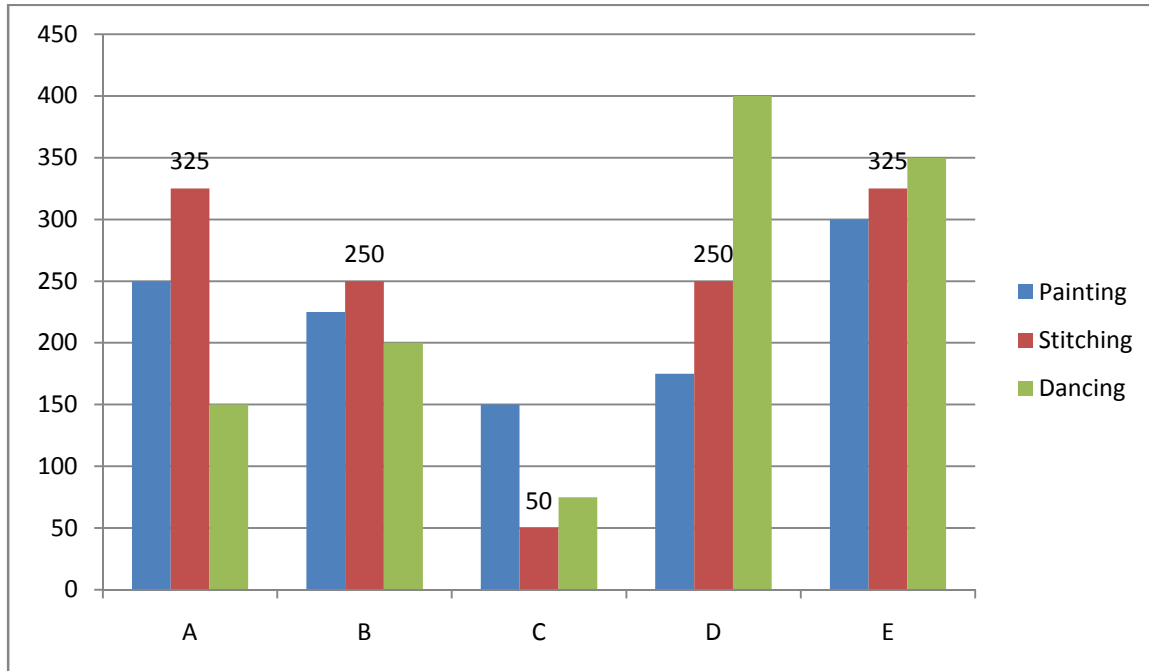
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68. A sum of money is to be divided equally amongst A, B and C in the respective ratio of 3 : 4 : 5 and another sum of money is to be divided between E and F equally. If F got Rs.1050 less than A, how much amount did B receive?
a) Rs.750 b) Rs.2000 c) Rs.1500 d) **Can't be determined** e) None of these
69. Find the average of the following sets of scores.
178, 863, 441, 626, 205, 349, 462, 820
a) 505 b) 441 c) 349 d) **493** e) None of these
70. The difference between 38% of a number and 24% of the same number is 135.10. What is 40% of that number?
a) 394 b) 370 c) 378 d) **386** e) None of these
71. 16 men can complete a piece of work in 8 days. In how many days can 12 men complete the same piece of work?
a) 10 b) $9\frac{1}{3}$ c) **$10\frac{2}{3}$** d) Can't be determined e) None of these
72. Kishan has some hens and some cows. If the total number of animal heads are 59 and the total number of feet are 190. How many cows does Kishan have?
a) **36** b) 32 c) 23 d) Can't be determined e) None of these
73. If the numerator of a fraction is increased by 200% and the denominator is increased by 160%, the resultant fraction is $\frac{7}{13}$. What is the original fraction?
a) **$\frac{7}{15}$** b) $\frac{2}{15}$ c) $\frac{8}{15}$ d) $\frac{5}{7}$ e) None of these
74. If 41^2 is added to the square of a number the answer, so obtained is 7457. What is the number?
a) **76** b) 63 c) 81 d) 82 e) None of these
75. What is the least number to be added to 4700 to make it a perfect square?
a) 74 b) 69 c) 76 d) **61** e) None of these

Directions (Q. 76-80): Study the graph carefully to answer the questions that follow:

Number of girls enrolled in different hobby classes in various institutes in a year

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76. What is the respective ratio of total number of girls enrolled in Painting in the Institutes A and C together to those enrolled in Stitching in the Institutes D and E together?
a) 5 : 4 b) 5 : 7 c) **16 : 23** d) 9 : 8 e) None of these
77. Number of girls enrolled in Stitching in Institute B forms approximately, what percent of the total number of girls enrolled in Stitching in all the Institutes together?
a) 29 b) **21** c) 33 d) 37 e) 45
78. What is the respective ratio of total number of girls enrolled in Painting, Stitching and Dancing from all the Institutes together?
a) **44 : 48 : 47** b) 43 : 47 : 48 c) 44 : 47 : 48 d) 47 : 48 : 44 e) None of these
79. Number of girls enrolled in Dancing in Institute A forms, what percent of total number of girls enrolled in all the hobby classes together in that institute? (Rounded off to two digits after decimal)
a) 23.87 b) 17.76 c) 31.23 d) 33.97 e) **20.69**
80. What is the total number of girls enrolled in Painting from all the institutes together?
a) 1150 b) 1200 c) 1275 d) **1100** e) None of these

General English

Directions (Q. 81-90): Read the following passage carefully and answer the questions given below it. Certain words are printed in **bold** to help you to locate them while answering some of the questions.

Once a thief named Kalu had planned to loot the king's treasury. At midnight, he went to the palace and began to drill a hole in the side wall of the treasury. The king, who was awake in his bedroom just above the treasury, came out to investigate the whirring sound. He was dressed in a simple nightdown and the thief could not recognize him. He asked Kalu who he was and what he was doing. The latter said,

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“Sir, I am a thief and intend to loot this treasury. I presume that you are also a thief and have come with the same intention. No matter, let us both go inside and we shall share the loot equally.” Both entered the treasury and divided all the money and the jewels equally between them.

Inside a locker they found three big diamond pieces. As the thief was puzzled as to how to divide the three pieces into two portions, the king suggested, “we have taken away everything else. Let us leave one diamond piece for the poor king and share the rest equally”. Kalu agreed and when he took his leave, the king asked for his name and address. As Kalu had taken a vow of telling only the truth, he gave the correct information.

The king took away his share of the loot and hid it in his room. Next morning he asked his Prime Minister to inspect the treasury as he had heard some strange sounds during the **previous** night. The Prime Minister saw to his horror that all the valuables were missing and only a single diamond was left, perhaps **inadvertently**, by the thief. He put the diamond in his own shirt pocket as its loss could be **ascribed** to the thief and nobody would suspect the Prime Minister.

The Prime Minister went back to the king. The king particularly enquired, “Do you mean that the thief has completely **denuded** the treasury of its valuables and not a single item has been left?” The Prime Minister confirmed it. The king asked the chief of police to bring in Kalu. When Kalu came he was unable to recognize the king as his **accomplice** of the previous night. The king asked him, “Are you the thief who has stolen everything from my treasury leaving nothing back?” Kalu confirmed it but said, “Sir, I did leave one diamond back in the locker as advised by an accomplice of mine and it should still be there.”

The Prime Minister interrupted saying, “Your Majesty, this thief is lying. There is nothing left in the locker”. The king asked the police chief to search the pockets of the Prime Minister, from where the missing diamond was recovered. The king told his courtiers, “Here is a Prime Minister, who is a liar and a thief and here is a thief who is a truthful gentleman.”

81. The king came out in the middle of the night in order to ...
 - a) help Kalu to break into the palace treasury
 - b) share the loot equally between Kalu and himself
 - c) **find out the source of and reason for the sound he had heard**
 - d) catch the thief who had come to steal his valuables
 - e) None of the above

82. Kalu could not recognize the king because ...
 - a) The king was wearing clothes like those of an ordinary person
 - b) **The king's clothes were covered by a simple nightdown**
 - c) Kalu had never seen the king before
 - d) Kalu had not seen the king descending from his bedroom
 - e) None of the above

83. Which of the following made the king suspect the Prime Minister? The Prime Minister's statement that ...
 - a) except for one piece of diamond all other valuables were stolen
 - b) **all the valuables without any exception were stolen from the treasury**
 - c) the thief was lying when he said he had left one diamond back in the locker
 - d) the search for the diamond did not yield any favourable result
 - e) None of the above

84. They decided to leave the diamond inside the locker because ...
 - A. they wanted some part of the wealth to be left for the Prime Minister
 - B. it was difficult for them to carry the third piece of diamond

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C. the total number of diamonds being odd, they had to leave out one piece to facilitate equal distribution.

a) None b) All the three c) Only A d) Only B e) **Only C**

85. Which of the following horrified the Prime Minister?

- a) **The valuables missing from the King's treasury**
- b) A piece of diamond left in the locker
- c) Certain strange sounds heard by the Prime Minister
- d) The fact that the king suspected him of stealth
- e) None of these

Directions (Q. 86-88): Choose the word which is most nearly by the **SAME** in meaning as the word given in **bold** as used in the passage.

86. Accomplice

- a) Co-traveller
- b) **Collaborator**
- c) Controller
- d) Coordinator
- e) Commuter

87. Ascribed

- a) **Attributed**
- b) Donated
- c) Attached
- d) Withdrew
- e) Connected

88. Denuded

- a) Uncovered
- b) **Stripped**
- c) Destroyed
- d) Discarded
- e) Abandoned

Directions (Q. 89 and 90): Choose the word which is most **OPPOSITE** in meaning of the word given in **bold** as used in the passage.

89. Inadvertently

- a) **Knowingly**
- b) Sensibly
- c) Indifferently
- d) Unwittingly
- e) Unscrupulously

90. Previous

- a) New
- b) Preceding
- c) Novel
- d) Modern
- e) **Subsequent**

Directions (Q. 91-95): Read each sentence to find out whether there is any grammatical error in it. The error, if any, will be in one part of the sentence. The number of that part is answer. If there is no error, mark (e) i.e. 'No error'. (Ignore errors of punctuation, if any)

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91. **In despite of his** (a) / being a small boy (b) / he offered to (c) / fight the giant. (d) / No error (e)
92. He was delighted (a) / **by the intelligent and brightness** (b) / of the scholars (c) / who used to visit him. (d) / No error (e)
93. We are happy that (a) / the audience responded well (b) / and gave all the speakers (c) / **a patiently listening**. (d) No error (e)
94. He received timely support (a) / from his elder brother (b) / **who is working abroad** (c) / for the last six years. (d) No error (e)
95. The notorious gang opened (a) / the door quietly and (b) / escaped in the dark with (c) / **whatever they would collect**. (d) / No error (e)

Directions (Q. 96-102): Which of the phrases (a), (b), (c) and (d) given below should replace the phrase given in **bold** in the following sentence to make the sentence grammatically meaningful and correct. If the sentence is correct as it is and 'No correct is required', mark (e) as the answer.

96. Most teenagers these days **prefer play** cricket to pursuing other hobbies.
a) preferably played
b) **prefer playing**
c) preferred to playing
d) prefer to play
e) No correction required
97. He cordially enquired how **was my helath**.
a) **my health was**
b) my health had
c) my health is
d) is my helath
e) No correction required
98. They had not **been sympathetic** to the poor.
a) being sympathetic
b) been sympathized by
c) sympathetic
d) been shown sympathy for
e) **No correction required**
99. It has become a fashion to talk about **exercise restraint** on anything and everything.
a) restraining exercises
b) exercising without restrain
c) exercise without restrain
d) **exercising restraint**
e) No correction required
100. The issues were so complicated that they **could hardly be resolved** in such a limited time.
a) were hardly to resolve
b) could resolve hardly
c) were being hardly resolved
d) were hardly resolving

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e) **No correction required**

101. He suffered only because of his **impolitely** behaviour.

- a) behaviour was impolite
- b) behaved impoliteness
- c) **impolite behavoir**
- d) behavioural impolite
- e) No correction required

102. We are quite sure that he **will have proved** his merit in any forthcoming competition.

- a) will have to prove
- b) will be prove
- c) **will prove**
- d) would be proven
- e) No correction required

Directions (Q. 103-107): Rearrange the following seven sentences (A), (B), (C), (D), (E), (F) and (G) in the proper sequence to form a meaningful paragraph, then answer the questions given below them.

- A. Japanese toys, for instance, are in great demand despite the heavy import duty.
- B. The toys that they produce are almost without exception of the poorest quality.
- C. Their manufacturers here need to be reminded of this.
- D. The two toy libraries in Mumbai also rely largely on foreign made toys.
- E. Not surprisingly, many parents prefer to buy the imported variety even though these are usually much more expensive.

103. Which of the following will be the **THIRD** sentence?

- a) **C**
- b) B
- c) D
- d) E
- e) G

104. Which of the following will be the **LAST** sentence?

- a) C
- b) B
- c) **D**
- d) E
- e) G

105. Which of the following will be the **FIRST** sentence?

- a) E
- b) G
- c) A
- d) **F**
- e) B

106. Which of the following will be the **FOURTH** sentence?

- a) B
- b) E
- c) C
- d) D
- e) **B**

107. Which of the following will be the **SIXTH** sentence?

- a) F
- b) E
- c) C
- d) D
- e) **B**

Directions (Q. 108-110): In each question below four words which are numbered (a), (b), (c) and (d) have been printed of which one may be wrongly spelt. The number of that is the answer. If all the four words are correctly spelt, mark (e) i.e., 'All correct', as the answer.

108. a) Frequently
b) Orientation
c) Aspiration
d) Consequence

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e) **All correct**

109. a) Effective
b) Information
c) Considerable
d) **Fluied**
e) All correct

110. a) Performance
b) Flexible
c) Evaluation
d) Behaviour
e) **All correct**

Directions (Q. 111-120): In the following passage, there are blanks, each of which has been numbered. These numbers are printed below the passage and against each, five words are suggested, one of which fits the blank appropriately. Find out the appropriate word in each case.

Any person with a grievance **(111)** a bank may himself or **(112)** an authorized representative **(113)** a complaint in **(114)** to the Banking Ombudsman within **(115)** jurisdiction the branch or bank is located. Before making a complaint to the ombudsman, the complainant should have made a representation to the bank named in the complaint and wither the bank should have rejected the same or not replied within a **(116)** of 2 months or the complainant is not **(117)** with the reply **(118)** by the bank. The complainant should be made not later **(119)** 1 year **(120)** the bank rejected the representation or sent its final reply.

111. a) **against** b) upon c) of d) with e) opposite
112. a) otherwise b) rather c) reliving d) **through** e) herself
113. a) write b) build c) fabricate d) made e) **make**
114. a) bringing b) lodging c) sending d) calling e) **writing**
115. a) **whose** b) fixed c) that d) which e) whom
116. a) area b) periphery c) distance d) time e) **period**
117. a) considered b) **satisfied** c) confirmed d) justified e) ratified
118. a) **given** b) prepared c) earmarked d) written e) send
119. a) but b) before c) **than** d) from e) over
120. a) later b) or more c) **after** d) once e) or so

Computer Knowlede

121. About pasting from the clip board
a) a part of the clip board contents can be pasted
b) **whole of the contents of clip board can be pasted**

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- c) sometimes '1' and sometimes '2'
d) '1' and '2'
e) None of these
122. One of the following statements is not true for BUFFERS command
a) Increasing numbers of BUFFERS can speed program execution, but only to a certain extent
b) The more buffers that exist the more sectors can be stored in memory; hence fewer accesses of disk are necessary
c) The BUFFERS command is used to establish the number of disk buffers set up by MS-DOS during booting
d) **All of the above**
e) None of the above
123. EPROM can be used for
a) erasing the contents of ROM
b) reconstructing the contents of ROM
c) **erasing and reconstructing the contents of ROM**
d) duplicating the ROM
e) None of these
124. Attributes can be defined for
a) **entity**
b) switch board
c) macro
d) pages
e) None of these
125. Where will we find the referential integrity command?
a) Tools
b) View
c) Format
d) Table
e) **None of these**
126. Anything that is typed in a worksheet appears
a) in the formula bar only
b) in the active cell only
c) **in both active cell and formula bar**
d) in the formula bar first and when we press ENTER it appears in active cell
e) None of the above
127. Which bar is usually located below the title bar that provides categorised options?
a) **Menu Bar**
b) Status Bar
c) Tool Bar
d) Scroll Bar
e) None of these
128. A pixel is
a) a computer program that draws picture
b) a picture stored in the secondary memory

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- c) **the smallest resolvable part of a picture**
d) a virus
e) None of these
129. How many types of cell references are available in Excel?
a) **3** b) 4 c) 8 d) 10 e) None of these
130. VIRUS stands for
a) Very Important Record User Searched
b) Verify Interchanged Result Until Source
c) **Vital Information Resources Under Seize**
d) Very Important Resource Under Search
e) None of these
131. Unlike filters queries can be saved as In a database
a) **objects**
b) filters
c) database
d) any of these
e) None of these
132. Table of contents can be prepared by using
a) macros
b) **heading as H1, H2, H3 and more in the document**
c) by table of contents in tools menu
d) 'b' and 'c'
e) None of these
133. Table in Word is a grid of rows and columns, with each cell can have
a) **text or graphics**
b) only text
c) only graphics
d) 'a' and 'b'
e) None of these
134. What is a database?
a) It is a collection of data arranged in rows
b) It is a collection of data arranged in columns
c) **It is a collection of data arranged in rows and columns**
d) All of these
e) None of these
135. Which switch should be used in the DIR command to view files in a directories?
a) /P b) /W c) /S d) /L e) None of these
136. When a key is pressed on the keyboard, which standard is used for converting the keystroke into the corresponding bits?
a) **ANSI**
b) ASCII
c) EBCDIC
d) ISO

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- e) None of these
137. External database is
- a) Database created in EXCEL
 - b) **Database created using DBMS package**
 - c) Database created in MS-Word
 - d) All of these
 - e) None of these
138. Which command we will give if we want to show the database objects with it's description?
- a) **Details**
 - b) Show
 - c) List
 - d) Any of these
 - e) None of these
139. Computers gather data. It means that they allow the users to ... data.
- a) present
 - b) **input**
 - c) output
 - d) store
 - e) None of these
140. C in CPU denotes ...
- a) **Central**
 - b) Common
 - c) Convenient
 - d) Computer
 - e) None of these
141. Which of the following uses a handheld operating system?
- a) supercomputer
 - b) personal computer
 - c) laptop
 - d) **PDA**
 - e) None of these
142. To display the contents of a folder in Windows Explorer you should _____
- a) **click on it**
 - b) Collapse it
 - c) Name it
 - d) give it a password
 - e) None of these
143. The CPU comprises of Control, Memory and _____ units
- a) Microprocessor
 - b) **Arithmetic/Logic**
 - c) Output
 - d) ROM

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144. _____ is the most important/powerful computer in a typical network
- a) Desktop
 - b) Network client
 - c) **Network server**
 - d) Network station
145. A(n) _____ appearing on a web page opens another document when clicked
- a) anchor
 - b) URL
 - c) **hyperlink**
 - d) reference
 - e) None of these
146. Which of the following refers to the rectangular area for displaying information and running programs?
- a) Desktop
 - b) Dialog box
 - c) Menu
 - d) **Widnow**
 - e) None of these
147. _____ is a windows utility program that locates and eliminates unnecessary fragments and rearranges filed and unused disk space to optimize operations
- a) Backup
 - b) Disk cleanup
 - c) **Disk defragmenter**
 - d) Restore
 - e) None of these
148. Which of the following refers to too much electricity and may cause a voltage surge?
- a) Anomaly
 - b) Shock
 - c) **Spike**
 - d) Virus
 - e) None of these
149. The software that is used to create text-based documents are referred to as _____
- a) DBMS
 - b) suites
 - c) spreadhseets
 - d) **word processors**
 - e) None of these
150. _____ devices convert human understandable data and programs into a form that the computer can process.
- a) Printing
 - b) Output
 - c) Solid state
 - d) **Input**

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- e) None of these
151. Allows users to upload files to an online site so they can be viewed and edited from another location
- a) General purpose applications
 - b) **Microsoft Outlook**
 - c) Web-hosted technology
 - d) Office Live
 - e) None of these
152. What feature adjusts the top and bottom margins so that the text is centered vertically on the printed page?
- a) **Vertical justifying**
 - b) Vertical adjusting
 - c) Dual centering
 - d) Horizontal centering
 - e) None of these
153. Which of these is not a means of personal communication on the internet?
- a) Chat
 - b) Instant messaging
 - c) **Instanotes**
 - d) Electronic mail
 - e) None of these
154. What is the overall term for creating editing, formatting, storing, retrieving and printing a text document?
- a) **Word processing**
 - b) Spreadsheet design
 - c) Web design
 - d) Database management
 - e) None of these
155. Fourth generation mobile technology provides enhanced capabilities allowing the transfer of both _____ data, including full-motion video, high-speed internet access, and video conferencing.
- a) video data and information
 - b) **voice and non-voice**
 - c) music and video
 - d) video and audio
 - e) None of these
156. _____ is a form of denial of service attack in which a hostile client repeatedly sends SYN packets to every port on the server using fake IP addresses.
- a) **Cybergaming crime**
 - b) Memory shaving
 - c) Syn flloading
 - d) Software piracy
 - e) None of these
157. Which of these is a point and draw device?

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- a) **Mouse**
 - b) Scanner
 - c) Printer
 - d) CD-ROM
 - e) None of these
158. A set of rules for telling the computer what operations to perform is called a
- a) procedural language
 - b) structures
 - c) natural language
 - d) **programming language**
 - e) None of these
159. A detailed written description of the programming cycle and the program, along with the test results and a printout of the program is called
- a) **documentation**
 - b) output
 - c) reporting
 - d) spec sheets
 - e) None of these
160. Forms that are used to organize business data into rows and columns are called
- a) transaction sheets
 - b) registers
 - c) business forms
 - d) **spread sheets**
 - e) None of these

General Awareness

161. Where does the cabbage store food?
- a) Root
 - b) **Leaves**
 - c) Stem
 - d) Fruit
162. The compound that has the least value for octane number is –
- a) **n-heptane**
 - b) 2-methyl heptane
 - c) Iso-octane
 - d) 2, 2-dimethyl Hexane
163. Which body is constituted by the President of India to advise on the decision of Central Resources between the centre and the state?
- a) Taxation Enquiry Commission
 - b) Tariff Commission
 - c) **Finance Commission**
 - d) Planning Commission
164. An increase in the quantity supplied suggests –
- a) **a rightward shift of the supply curve**
 - b) a leftward shift of the supply curve
 - c) a movement up along the supply curve
 - d) a movement down along the supply curve
165. Obsidian, Andesite, Gabbro and Perodite are –

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- a) Extrusive rock b) Metamorphic rocks c) **Intrusive rocks** d) Sedimentary rocks
166. Which of the following books is not written by Jawaharlal Nehru?
a) Glimpses of World History
b) Discovery of India
c) **My experiments with Truth**
d) An Autobiography
167. Coupling and repulsion are the two states of –
a) crossing over b) **linkage** c) chiasma d) mutation
168. The production, marketing, storage, advertisement and consumption of smokeless tobacco is banned in –
a) Meghalaya b) **Assam** c) Arunachal Pradesh d) Nagaland
169. Sir C.V. Raman was awarded Nobel Prize for his work on –
a) Sonometer b) **Light Scattering** c) Radio activity d) Cryogenics
170. Section of IPC, which deals with LGBT (Lesbian, Gay, Bisexual and Transgender) community is –
a) **377** b) 376 c) 370 d) None of these
171. The type of fruit obtained from a multicarpillary apocarpous gynoecium is –
a) **multiple** b) composite c) aggregate d) simple
172. Who among the following is the founder of the Azad Hind Fauj?
a) Chandrashekhar Azad
b) Lal Har Dayal
c) **Subhash Chandra Bose**
d) Vir Savarkar
173. The percentage of carbon in cast iron is –
a) **3 to 5** b) 0.1 to 0.25 c) 0.5 to 1.5 d) 6 to 8
174. The pair of compounds used as anaesthetic in medicines –
a) **Nitrogen dioxide, ether**
b) Ether, Ammonia
c) Nitrous oxide, Chloroform
d) Chlorogorm, Nitrogen dioxide
175. Which one of the following is used as secondary storage system in computer?
a) ROM b) RAM c) **Floppy** d) EPROM
176. Which of the following is not correct?
a) MSP - Minimum Support Price
b) NMA – National Monuments Authority
c) PIL – Public Interest Litigation
d) **NGT – National Growth Tribunal**
177. The plants, which grow under water stress conditions of deserts are –
a) Sciophytes b) Epiphytes c) **Xerophytes** d) Heliophytes

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190. The damage of the human body due to radiation (X-rays or Y-rays etc.) is measured in –
a) **Rads** b) Rems c) Roentgen d) Curie
191. The Constitution of India, describes India as –
a) **Union of States** b) A Federation c) A quasi-federal d) Unitary
192. Soil factors are otherwise known as –
a) Climatic factors
b) **Edaphic factors**
c) Biotic factors
d) Physiographic factors
193. The UNIX operating system is suitable for –
a) Single user
b) **Multi user**
c) Real Time Processing
d) Distributed Processing
194. Democratic Centralism is an important feature of a –
a) Socialist state
b) **Communist state**
c) Democratic state
d) Totalitarian state
195. The current spell of cold wave in the US has been a fall out of the –
a) political administration
b) **polar vortex**
c) biodiversity and habitats
d) climate and energy
196. The Minimum Support Price for Foodgrains was introduced in the year –
a) 1954 b) 1944 c) **1964** d) 1974
197. The site of birth (nativity) of Gautam Buddha is marked by –
a) a Peepal Tree
b) a monastery
c) **a Rummindei Pillar of Ashok Maurya**
d) a statue
198. The threshold frequency is the frequency below which –
a) photo current is constant
b) photo current increases with voltage
c) photo current decreases with voltage
d) **photo electric emission is not possible**
199. Stamens are fused with each other by their anthers and also with the petals in –
a) Euphorbiaceae
b) Leguminosae
c) Liliaceae
d) **Compositae**

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200. Transition ions absorb light in –
- a) **visible region**
 - b) infrared region
 - c) ultraviolet region
 - d) microwave region

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Answers:

1. Option B
Jug is to be used for cutting the fruits.
2. Option D
Geeta is senior to Shilpa but not Deepa
Deepa > Geeta > Shilpa
Given, Gayatri is junior to Deepa, from this it is not clear that Gayatri is junior to Geeta and Shilpa or senior, So, Data is not sufficient.
3. Option C
As captain leads the team same as director leads the organization.
4. Option B
Sex of child is not clear.
5. Option B
Hari's sister's father → Hari's father
Hari's father's wife → Hari's mother
Hari's mother's daughter → Hari's sister
Thus, Vijay's wife is the sister of Hari.
So, Vijay is brother-in-law of Hari.
6. Option B
Bharti is sitting to the immediate right of Meena.
7. Option A
Meaningful english words are TON, TEN, TOE.
8. Option B
 $W + A + X + Y = 4 + 26 + 3 + 2 = 35$
9. Option A
 $5 \times 7 \times 9 + 3 \div 2 = 5 \times 7 + 9 \div 3 \times 2$
 $= 5 \times 7 + 3 \times 2$
 $= 35 + 3 \times 2 = 38 \times 2 = 36$
10. Option C
11. Option C
According to the question, the arrangement is
A \$ B # 9 G 8 D K * M ? C Q 7 X 5 P 4 U 3 I 2 Y Ø 5
So, 7 has the 15th place from left.
12. Option D
There are five such pairs,
9G3, 2 × 7, 7P5, 5U8, 8I4
13. Option B
There letters are following
A \$ B # 9 G 3 D K * M ? C Q 2 X 7 P 5 U 8 I 4 Y Ø J
14. Option E
PCI does not belongs to group.
15. Option A
16. Option C
Akash
17. Option A
Go
18. Option D
One-Soap
19. Option C

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- Computers or watches
20. Option B
Jyoti advertises watches
21. Option B
Pair of such type are AE and NR
22. Option E
Only 9 is the perfect square
23. Option D
The time given by Rupa to seminar cannot be calculated because the time at which her meeting ends is not given.
24. Option E
Let the number of family takes Marathi newspapers, be x.
 $38 = 5 + 12 + x \Rightarrow 12$
 $38 = 5 + x \Rightarrow x = 33$
25. Option B
In alphabetical order \rightarrow CEFILMRU
On substituting the alphabet
Preceding them \rightarrow BDEHKLQT
26. Option E
Both conclusions are true.
27. Option C
Conclusions I and II are true in venn diagrams II and I respectively. So, answer (c) is correct.
28. Option E
Both conclusions I and II true.
29. Option C
Conclusions I and II are true in venn diagrams II and I respectively. So, answer (c) is correct.
30. Option B
Only conclusion II is true.
31. Option E
Clearly, the birthday of Subham's mother can be found out from II and then Subham's birthday can be determined using the fact given in I.
32. Option A
From I, we conclude that since none of A and D is the heaviest and each one of B, E and F is lighter than both A and D, so C is the heaviest.
33. Option E
From both I and II, we find that Rahul is $(35 - 25) = 10$ years older than his brother, who was born in 1964. So, Rahul was born in 1954.
34. Option C
From I, we conclude that weight of each pole = $(4 \times 5) = 20$ kg
So, total weight of 10 poles = $(20 \times 10) = 200$ kg
From II, we conclude that
Weight of each pole = $(\text{weight of 3 poles}) - (\text{weight of 2 poles}) = 20$ kg
35. Option D
From I, we conclude that H is the only daughter of M. But this does not indicate that M has no son. The information given in II is immaterial.
36. Option E
Darken circle moves anti-clockwise triangular, rest two diagrams move anti-clockwise and a new diagram also takes place.
37. Option A

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Starting from first figure, lines are 2 at left hand side then moves right hand side of corner then it becomes 3 at another side and remains 3 on that side but on another corner. Now, it will be 4. One line is at right hand side of square then moves anti-clockwise but remains one then shifts opposite and become two lines and moves once again. Now, it will be three but when shift at opposite hand of square.

38. Option B

Figure one is similar to figure five. So, figure two will be similar to answer figure.

39. Option A

One by one, a design moves anti-clockwise and another new design moves clockwise. First diagram anti-clockwise, second clockwise, third anti-clockwise ...

40. Option E

As figure one is related to figure five with left hand diagram and right hand diagram exchanges their place. Similarly, figure two to answer figure (5).

41. Option A

$$998711 \div 362 \div 74563 \div 8526 \div 66156 = 849104$$

42. Option C

$$\sqrt{11236} \times \sqrt{8649} = 106 \times 93 = 9858$$

43. Option D

$$2.5 \times 4.8 \div ? = 30$$

$$2.5 \times 4.8 / ? = 30$$

$$? = 25 \times 4.8 / 30 = 0.4$$

44. Option C

$$16.23 \times 12.9 \times 17.32 = 226.687$$

45. Option C

$$73^2 \div 41^2 + 29^2 = ?$$

$$(73 \div 41) (73 + 41) + 29^2 = ?$$

$$? = (32) (114) + 841 = 4489$$

46. Option B

$$6^3 \times 9^2 \div 18 = ?$$

$$? = 17496 \div 18 = 972$$

47. Option B

$$\sqrt[3]{941192} = ?$$

$$\sqrt[3]{98^3} = ?$$

$$? = 98$$

48. Option D

$$999 \times 99 \times 9 = ?$$

$$? = 890109$$

49. Option D

$$7410 + ? \div 3652 \div 1479 = 11820$$

$$? = (11820 + 3652 + 1479) \div 7410 = 9541$$

50. Option E

$$32\% \text{ of } 860 \times ? = 61920$$

$$32/100 \times 860 \times ? = 61920$$

$$? = 61920 \times 100 / 32 \times 860 = 225$$

51. Option E

$$963 \times 874 = ?$$

$$? = 841662$$

52. Option C

$$\sqrt{12544} \div 64 \times ? = 43.75$$

$$112 \div 64 \times ? = 43.75$$

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$$112/64 \times ? = 43.75$$

$$? = 43.75 \times 64 / 112 = 25$$

53. Option C

$$444 \div (16 \times 15) = ?$$

$$444 \div 24 = ?$$

$$? = 18.5$$

54. Option B

$$16^9 \div 16^4 \times 16^3 = 16^?$$

$$16^5 \times 16^3 = 16^?$$

$$16^8 = 16^?$$

$$? = 8$$

55. Option D

$$0.08 \times ? \times 2.5 = 1.12$$

$$? = 1.12 / 0.08 \times 2.5 = 5.6$$

56. Option B

$$\begin{aligned} \text{After two years, population} &= 198000 \left(1 + \frac{7}{100}\right)^2 \left(1 - \frac{5}{100}\right) \\ &= 198000 \frac{107}{100} \frac{95}{100} = 201267 \end{aligned}$$

57. Option D

58. Option A

$$\text{Given } x + y = 20$$

$$(x + y)^2 = 20^2$$

$$x^2 + y^2 + 2xy = 400$$

$$x^2 + y^2 = 400 - 2 \times 84$$

$$= 400 - 168 = 232$$

59. Option E

60. Option C

Let the digit of unit place be x .

So, the digit of tens place will be $(15 - x)$

$$[10(15 - x) + x] - [10x + (15 - x)] = 9$$

$$150 - 10x + x - 10x - 15 + x = 9$$

$$135 - 18x = 9$$

$$18x = 126$$

$$x = 7$$

Thus, the digits of the number are 7 and 8.

So, the multiple of digits = 56

61. Option E

Let the original selling price be Rs. x .

$$\text{Therefore, } 779 = x \left(1 - \frac{24}{100}\right)$$

$$779 = x \left(\frac{76}{100}\right)$$

$$x = 779 \times 100 / 76 = \text{Rs.}1025$$

62. Option E

63. Option B

64. Option C

Let she invests the money for x yr.

$$\text{Therefore, } (11442 - 9535) = 9535 \times 4 \times x / 100$$

$$190700 = 9535 \times 4 \times x$$

$$x = 190700 / 9535 \times 4 = 5 \text{ years}$$

65. Option E

$$\text{Total cost} = [195/13 \times 21 + 544/17 \times 26 + 336/21 \times 19]$$

$$= \text{Rs.}(315 + 832 + 304) = \text{Rs.}1451$$

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66. Option C

$$\begin{aligned}\sqrt{876} \times 20.6 + 165.34 &= ? \\ 29.6 \times 20.6 + 165.34 &= ? \\ ? &= 609.76 + 165.34 \\ &= 775.1 = 775\end{aligned}$$

67. Option B

Let these two consecutive even number be x and $x + 2$. Therefore, $x(x + 2) = 16128$

$$\begin{aligned}x^2 + 2x - 16128 &= 0 \\ x^2 + 128x - 126x &= 16128 = 0 \\ x(x + 128) - 126(x + 128) &= 0 \\ (x + 128)(x - 126) &= 0 \\ \text{Since, } x + 128 = 0 &\text{ is not possible} \\ \text{Therefore, } x - 126 &= 0 \\ x &= 126 \\ \text{So, the larger number} &= 128\end{aligned}$$

68. Option D

We cannot determined because the sum divided between E and F is not given.

69. Option D

$$\begin{aligned}\text{Average} &= 178 + 863 + 441 + 626 + 205 + 349 + 462 + 820 / 8 \\ 3944 / 8 &= 493\end{aligned}$$

70. Option D

Let the number be x .

$$\begin{aligned}\text{According to the question, } x \times 38/100 - x \times 24/100 &= 135.10 \\ x [38 - 24 / 100] &= 135.10 \\ x &= 135.10 \times 100 / 14 = 965 \\ \text{Now, } 40\% \text{ of } 965 &= 965 \times 40/100 = 386\end{aligned}$$

71. Option C

$$\begin{aligned}16 \text{ men can do a work in} &= 8 \text{ days} \\ 1 \text{ man can do a work in} &= 8 \times 16 \text{ days} \\ 12 \text{ men can do a work in} &= 8 \times 16 / 12 \text{ days} \\ &= 10\text{-}2/3 \text{ days}\end{aligned}$$

72. Option A

Let the number of hens be x .

$$\begin{aligned}\text{Therefore, the number of cows will be } (59 - x) \\ \text{According to the question, } x \times 2 + 4(59 - x) &= 190 \\ 2x &+ 236 - 4x = 190 \\ 2x &= 46 \\ x &= 23 \\ \text{So, the number of cows} &= 59 - 23 = 36\end{aligned}$$

73. Option A

Let the original fraction = x/y

$$\begin{aligned}\text{According to the question, } x + x - 200\% / y + y \times 160\% &= 7/13 \\ = x + 200x/100 / 160y / y + 160y/100 &= 7/13 \\ = 3x/2.6y &= 7/13 \\ = x/y &= 7/13 \times 26/30 = 7/15 \\ \text{Hence, the original fraction is } &7/15.\end{aligned}$$

74. Option A

Let the required number be x .

$$\text{Therefore, } x^2 + 41^2 = 7457$$

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$$x^2 = 7457 - 1681 = 5776$$

$$x = 76$$

75. Option D

Clearly, 4700 lies between the squares of 68 and 70. Therefore, its nearest square is 69^2 .

$$\text{So, the required number} = 69^2 - 4700$$

$$= 4761 - 4700 = 61$$

76. Option C

Total number of girls enrolled in Painting in the Institutes A and C together = $250 + 150 = 400$

Total number of girls enrolled in Stitching in the Institutes D and E together = $250 + 325 = 575$

Required ratio = $400 : 575 = 16 : 23$

77. Option B

Total number of girls enrolled in Stitching in all the Institutes together = $325 + 250 + 50 + 250 + 325 = 1200$

Number of girls enrolled in Stitching in Institute B = 250

Required percentage = $250/1200 \times 100 = 20.8 = 21\%$

78. Option A

Number of girls from all institutes enrolled in Painting $\rightarrow 250 + 225 + 150 + 175 + 300 = 1100$

Stitching $\rightarrow 1200$

Dancing $\rightarrow 150 + 200 + 75 + 400 + 350 = 1175$

Required ratio = $1100 : 1200 : 1175 = 44 : 48 : 47$

79. Option E

Total number of girls in the institute A = $250 + 325 + 150 = 725$

Number of girls enrolled in Dancing in the institute A = 150

Required percentage = $150/725 \times 100 = 20.69\%$

80. Option D

Total number of girls in Painting = 1100

81. Option C

82. Option B

83. Option B

84. Option E

85. Option A

86. Option B

87. Option A

88. Option B

89. Option A

90. Option E

91. Option A

In spite of Despite

92. Option B

Replace 'intelligent' with 'intelligence'

93. Option D

Replace 'patiently' (adverb) with 'patient' (adjective) because 'listening' is noun here.

94. Option C

Replace 'is' with 'has been' because of for + time

95. Option D

Replace 'would' with 'could' to make the sentence meaningful

96. Option B

97. Option A

98. Option E

99. Option D

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- 100. Option E
- 101. Option C
- 102. Option C
- 103. Option A
- 104. Option C
- 105. Option D
- 106. Option E
- 107. Option E
- 108. Option E
- 109. Option D
- 110. Option E
- 111. Option A
- 112. Option D
- 113. Option E
- 114. Option E
- 115. Option A
- 116. Option E
- 117. Option B
- 118. Option A
- 119. Option C
- 120. Option C
- 121. Option B
- 122. Option D
- 123. Option C
- 124. Option A
- 125. Option E
- 126. Option C
- 127. Option A
- 128. Option C
- 129. Option A
- 130. Option C
- 131. Option A
- 132. Option B
- 133. Option A
- 134. Option C
- 135. Option B
- 136. Option A
- 137. Option B
- 138. Option A
- 139. Option B
- 140. Option A
- 141. Option D
- 142. Option A
- 143. Option B
- 144. Option C
- 145. Option C
- 146. Option A
- 147. Option C
- 148. Option C
- 149. Option D
- 150. Option D

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- 151. Option B
- 152. Option A
- 153. Option C
- 154. Option A
- 155. Option B
- 156. Option A
- 157. Option A
- 158. Option D
- 159. Option A
- 160. Option D
- 161. Option B
- 162. Option A
- 163. Option C
- 164. Option A
- 165. Option C
- 166. Option C
- 167. Option B
- 168. Option B
- 169. Option B
- 170. Option A
- 171. Option A
- 172. Option C
- 173. Option A
- 174. Option A
- 175. Option C
- 176. Option D
- 177. Option C
- 178. Option B
- 179. Option C
- 180. Option D
- 181. Option C
- 182. Option A
- 183. Option C
- 184. Option A
- 185. Option D
- 186. Option B
- 187. Option B
- 188. Option A
- 189. Option C
- 190. Option A
- 191. Option A
- 192. Option B
- 193. Option B
- 194. Option B
- 195. Option B
- 196. Option C
- 197. Option C
- 198. Option D
- 199. Option D
- 200. Option A