## Test-I <br> Reasoning Ability

1. In a certain code language 'TERMINAL' is written as 'NSFUMBOJ' and 'TOWERS' is written as 'XPUTSF'. How is 'MATE' written in that code?
1) FUBN
2) UFNB
3) BNFU
4) BNDS
5) None of these
2. The positions of how many digits in the number 5314687 will remain unchanged after the digits are rearranged in ascending order within the number?
1) None
2) One
3) Two
4) Three
5) More than three
3. What should come in place of question mark (?) in the following series?
AC EG IK MO ?
1) $P R$
2) QS
3) $O R$
4) PS
5) None of these
4. 'ERID' is related to 'DIRE' in the same way as 'RIPE' is related to
1) EPIR
2) PERI
3) EPRI
4) PEIR
5) IPRE
5. How many meaningful English words can be made with the third, fifth, seventh and ninth letters of the word DOWNGRADED, using each letter only once in each word?
1) None
2) One
3) Two
4) Three
5) More than three

Directions (Q. 6-10): In each question below, a group of digits/symbols is given followed by four combinations of letters numbered 1), 2), 3) and 4). You have to find out which of the combinations 1), 2), 3) and 4) correctly represents the group of digits/symbols based on the following coding system and the conditions that follow and mark the number of that combination as your answer. If none of the four correctly represents the group of digits/symbols, mark 5), ie 'None of these' as the answer.
 Letter code: B E P A K D F H Q I R J UM V T Conditions:
(i) If the first unit in the group is an even digit and the last unit is a symbol, both these are to be coded as the code for the symbol.
(ii) If the first unit in the group is an odd digit and the last unit is an even digit, their codes are to be interchanged.
(iii) If both the first and the last units in the group are symbols both these are to be coded as ' X '.
6. @91\$26

1) JEFHRP
2) PEFHRP
3) XEFHRX
4) PEFHRJ
5) None of these
7. 387\#C9
1) KMDTAE
2) KDMATE
3)EDMTAK
3) KDMTAK
4) None of these
8. 4@312 $\delta$
1) VPKFRV
2) VPKFRI
3) XPKFRX
4) IPKFRV
5) None of these
9. $\% 4187$
1) QIFDMU
2) UIFDMQ
3) XIFDMX
4) UIFDMU
5) None of these
10. 912486
1) EFRIVJ
2) JFRIVE
3)EFRIVE
3) XFRIVX
4) None of these

Directions (Q. 11-15): In the following questions, the symbols $\delta, \%, \quad, \$$ and $\mathbb{C}$ are used with the following meaning as illustrated below :
' $\mathrm{P} \% \mathrm{Q}$ ' means ' P is not smaller than Q '.
' $P \quad Q$ ' means ' $P$ is neither greater than nor equal to $Q$ '.
' $P \delta Q$ ' means ' $P$ is neither smaller than nor equal to $Q$ '.
' $\mathrm{P} \$ \mathrm{Q}$ ' means ' P is neither greater than nor smaller than Q'.
' $P$ © $Q$ ' means ' $P$ is not greater than $Q$ '.
Now, in each of the following questions assuming the given statements to be true, find which of the two conclusions I and II given below them is/are definitely true. Give answer

1) if only conclusion I is true.
2) if only conclusion II is true.
3) if either conclusion I or II is true.
4) if neither conclusion I nor II is true.
5) if both conclusions I and II are true.
11. Statements: D \$ T, T \% M, M J

Conclusions: I. J $\delta \mathrm{D}$
II. M © D
12. Statements: $B \quad K, K \$ N, N \% R$

Conclusions: I. R \$ K
II. R K
13. Statements: H \% F, F W, W \$ E

Conclusions: I. E $\delta \mathrm{F}$
II. $\mathrm{H} \delta \mathrm{W}$
14. Statements: $Z \delta D, \quad D \subset K, \quad K \delta M$

Conclusions: I. M D
II. $\mathrm{Z} \delta \mathrm{K}$
15. Statements: $\mathrm{W} \subset \mathrm{B}, \mathrm{N} \delta \mathrm{B}, \quad \mathrm{N} \subset \mathrm{F}$

Conclusions: I. F $\delta$ B
II. W N

Directions (Q. 16-20): Study the following information carefully and answer the questions given below :
$\mathrm{P}, \mathrm{T}, \mathrm{V}, \mathrm{R}, \mathrm{M}, \mathrm{D}, \mathrm{K}$ and W are sitting around a circular table facing the centre. V is second to the left of T . T is fourth to the right of M . D and P are not immediate neighbours ofT. $D$ is third to the right of $P$. W is not an immediate neighbour of P . P is to the immediate left of K .
16. Who is second to the left of $K$ ?

1) $P$
2) $R$
3) M
4) W
5) Data inadequate
17. Who is on the immediate left of $V$ ?
1) D
2) $M$
3) W
4) Data inadequate
5) None of these
18. Who is third to the right of V ?
1) $T$
2) $K$
3) $P$
4) M
5) None of these
19. What is R 's position with respect to V ?
1) Third to the right
2) Fifth to the right
3) Third to the left
4) Second to the left
5) Fourth to the left
20. Four of the following five are alike in a certain way based on their positions in the above seating arrangement and so form a group. Which of the following does not belong to that group?
1) DW
2) TP
3) RD
4) KR

Directions (Q. 21-25): Each of the questions below consists of a question and two statements numbered I and II given below it. You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and give answer

1) if the data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question.
2) if the data in statement II alone are sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question.
3) if the data either in statement I alone or in statement II alone are sufficient to answer the question.
4) if the data given in both the statements I and II together are not sufficient to answer the question.
5) if the data in both the statements I and II together are necessary to answer the question.
21. Towards which direction is Village $M$ from Village $T$ ?
I. Village $P$ is to the south of Village $M$ and Village $P$ is to the west of Village T.
II. Village K is to the east of Village M and Village K is to the north of Village T.
22. On which day in July was definitely Mohan's mother's birthday?
I. Mohan correctly remembers that his mother's birthday is before eighteenth but after twelfth July.
II. Mohan's sister correctly remembers that their mother's birthday is after fifteenth but before nineteenth July.
23. How is D related to M ?
I. K and D are the only sisters of R .
II. M is married to R 's father.
24. How is 'near' written in a code language?
I. 'go near the tree' is written as 'sa na pa ta' in that code language.
II. 'tree is near home' is written as 'ja pa da sa' in that code language.
25. Among A, B, C, D and E, each having scored different marks in an exam, who has scored the lowest marks?
I. D has scored more marks than only three of them.
II. A has scored more marks than only E.

Directions (Q. 26-30): Study the following information carefully and answer the given questions.

A word and number arrangement machine when given an input line of words and numbers rearranges them following a particular rule in each step. The following is an illustration of input and rearrangement. (All the numbers are two-digit numbers.)

Input: pink for 2572 white jar 1296
Step I: 96 pink for 2572 white jar 12
Step II: 96 for pink 2572 white jar 12
Step III: 96 for 72 pink 25 white jar 12
Step IV: 96 for 72 jar pink 25 white 12
Step V: 96 for 72 jar 25 pink white 12
Step VI: 96 for 72 jar 25 pink 12 white
And step VI is the last step of the rearrangement.
As per the rules followed in the above steps, find out in each of the following questions the appropriate step for the given input. (All the numbers are two-digit numbers.)
26. Input: 16 power failure 6153 new cost 27

How many steps will be required to complete the rearrangement?

1) Six
2) Seven
3) Five
4) Four
5) None of these
27. Step II of an Input: 84 ask quit these 3912 old 51

Which of the following will definitely be the input?

1) quit these 3912 old 84 ask 51
2) quit these 3912 old 5184 ask
3) quit 84 these ask 3912 old 51
4) Cannot be determined
5) None of these
28. Step III of an Input: 63 bed 58 never go home 4628 How many more steps will be required to complete the rearrangement?
1) Four
2) Three
3) Five
4) Six
5) None of these
29. Input: rows 25 columns 3946 fear star 72

Which of the following steps will be the last but one?

1) V
2) VI
3) VII
4) VIII
5) None of these
30. Input: ordinary 47 tablet 36 dry 9132 handle

Which of the following will be step VI of the rearrangement?

1) 91 dry 47 handle 3632 ordinary tablet
2) 91 dry 47 handle 36 ordinary 32 tablet
3) 91 dry 47 handle 36 ordinary tablet 32
4) There will be no such step.
5) None of these

Directions (Q. 31-35): Study the following information carefully and answer the questions given below :

A, B, C, D, E, F and G are seven members of a club. Each of them likes one day of the week, viz Monday, Tuesday, Wednesday, Thursday, Friday, Saturday and Sunday, not necessarily in the same order. Each of them owns a different car, viz Swift, Alto, Figo, Beat, SX4, Estillo and Optra, not necessarily in the same order.

C likes Wednesday and his favourite car is neither SX4 nor Optra. E does not like Monday and his favourite car is Beat. The favourite car of the one who likes Friday is Figo. The one whose favourite car is Estillo likes Tuesday. D likes Saturday and D's favourite car is not SX4. G's favourite car is Alto. F likes Thursday. B does not like Estillo.
31. Who among the following likes Tuesday?

1) A
2) $B$
3)D
3) Data inadequate
4) None of these
32. Whose favourite car is Figo?
1) A
2) $B$
3) C
4) None of these
33. Who among the following likes Sunday?
1) A
2) C
3) F
4) E
5) Data inadequate
34. Whose favourite car is SX4?
1)B
2) $A$
3) F
4) D
5) None of these
35. Which of the following combinations is correct?
1) F-Thursday-Estillo
2) C-Wednesday- Alto
3) D-Saturday-Beat
4) G-Monday-Swift
5) All are incorrect

Directions ( $Q$. 36-40): In each question below are two statements followed by two conclusions numbered I and II. You have to take the two given statements to be true even if they seem to be at variance with commonly known facts. Read all the conditions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts and give answer

1) if only conclusion I follows.
2) if only conclusion II follows.
3) if either conclusion I or II follows.
4) if neither conclusion I nor II follows.
5) if both conclusions I and II follow.
36. Statements: Some trees are bushes.

All flowers are bushes.
Conclusions: I. At least some bushes are trees.
II. At least some flowers are trees
37. Statements: All colours are paints.

No paint is a brush.
Conclusions: I. At least some brushes are colours.
II. No brush is a colour.
38. Statements: Some chemicals are organics.

All organics are fertilisers.
Conclusions: I. At least some fertilizers are chemicals.
II. All fertilizers are organics.
39. Statements: No air is solid.

Some solids are liquids.
Conclusions: I. No liquid is air.
II. Some air is definitely not liquid.
40. Statements: All gems are diamonds.

All diamonds are rocks.
Conclusions: I. At least some rocks are gems.
II. All gems are rocks.

Directions (Q.41-50): In each of the questions given below which one of the five answer figures on the right should come after the problem figures on the left, if the sequence were continued?



## Test-II English Language

Directions (Q. 51-55): In each of these questions, two sentences (I) and (II) are given. Each sentence has a blank in it. Five words 1), 2), 3), 4) and 5) are suggested. Out of these, only one fits at both the places in the context of each sentence. Number of that word is the answer.
51. I. Boats take more time going against the $\qquad$ of the river.
II. She keeps herself abreast of $\qquad$ events.

1) low
2) latest
3) water
4) all
5) current
52. I. While trying to open the door, the $\qquad$ broke.
II. It is not difficult to $\qquad$ tricky situations.
1) handle
2) knob
3) bracket
4) overcome
5) win
53. I. This course teaches you not to $\qquad$ to temptations.
II. We hope to increase our $\qquad$ of rice this year.
1) succumb
2) produce
3 ) yield
3) share
4) submit
54. I. When you play your radio at high $\qquad$ it disturbs others.
II. We have just received a latest $\qquad$ of this encyclopedia.
1) edition
2) volume
3) channel
4) frequency
5) pitch
55. I. It helps to rinse one's mouth early morning with a $\qquad$ of salt and water.
II. You can always refer to this reference material to find the $\qquad$ to these problems.
1) mixture
2) answers
3) liquid
4) fix
5) solution

Directions ( Q .56 -60): In each question below a sentence with four words printed in bold type is given. These are numbered as 1), 2), 3) and 4). One of these four words printed in bold may be either wrongly spelt or inappropriate in the context of the sentence. Find out the word which is wrongly spelt or inappropriate, if any. The number of that word is your answer. If all the words printed in bold are correctly spelt and also appropriate in the context of the sentence, mark 5) ie 'All correct' as your answer.
56. Solving the energy challange requires behaviour change

1) 2) 

and new technological approaches. All correct
3) 4) 5)
57. The first thing that catches your eye in this building is
1)
2)
the flour with laser lights. All correct
3)
4)
5)
58. The services sector has contributed significantly to the
1)
2)
3)
economic grow. All correct
4) 5)
59. IT Companies have been allotted landing in this area to
1)
2)
develop and start their operations. All correct
3)
4)
5)
60. Other then the regular incentives, the government is
1)
2)
3)
offering land sites at concessional rates. All correct
4)
5)

Directions (Q. 61-65): Which of the phrases 1), 2), 3) and 4) given below should replace the phrase given in bold in the following sentence to make the sentence grammatically correct. If the sentence is correct as it is and No correction is required, mark 5) as the answer.
61. In terms with seating capacity, it is the third largest stadium in India.

1) On terms with
2) As far as
3) In respective to terms with
4) In terms of
5) No correction required
62. That actor can double for the star if needed be.
1) if need
2) if need be
3) while it is needed
4) whenever needed be
5) No correction required
63. The 1982 Asian Games brought about a major change in India.
1) brought after
2) bring after
3) best resulted
4) bring around
5) No correction required
64. Tourism surely has suffered given the huge social unrest in the country.
1) giving the huge
2) because to
3) as the huge
4) taken the huge
5) No correction required
65. Combining the ongoing crisis in Europe, the data does make a case for a pause in rate hike.
1) Together
2) Apart with
3) Combined with
4) Combination of
5) No correction required

Directions (Q. 66-80): Read the following passage to answer the given questions based on it. Some words/phrases are printed in bold to help you locate them while answering some of the questions.

The e-waste (Management and Handling) Rules, 2011, notified by the Ministry of Environment and Forests, have the potential to turn a growing problem into a developmental opportunity. With almost half-a-year to go before the rules take effect, there is enough time to create the necessary infrastructure for collection, dismantling and recycling of electronic waste. The focus must be on sincere and efficient implementation. Only decisive action can reduce the pollution and health costs associated with India's hazardous waste recycling industry. If India can achieve a transformation, it will be creating a whole new employment sector that provides good wages and working conditions for tens of thousands. The legacy response of the States to even the basic law on urban waste, the Municipal Solid Wastes (Management and Handling) Rules has been one of indifference; many cities continue to simply burn the garbage or dump it in lakes. With the emphasis now on segregation of waste at source and recovery of materials, it should be feasible to implement both sets of rules efficiently. A welcome feature of the new ewaste rules is the emphasis on extended producer responsibility. In other words, producers must take responsibility for the disposal of end-of-life products. For this provision to work, they must ensure that consumers who sell scrap get some form of financial incentive.

The e-waste rules, which derive from those pertaining to hazardous waste, are scheduled to come into force on May 1, 2012. Sound as they are, the task of scientifically disposing a few hundred thousand tonnes of trash electronics annually depends heavily on a system of oversight by State Pollutions Control Boards (PCBs). Unfortunately, most PCBs remain unaccountable and often lack the resources for active enforcement. It must be pointed out that, although agencies handling e-waste must obtain environmental clearances and be authorised and registered by the PCBs even under the

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Hazardous Wastes (Management, Handling and Transboundary Movement) Rules 2008, there has been little practical impact. Over 95 per cent of electronic waste is collected and recycled by the informal sector. The way forward is for the PCBs to be made accountable for enforcement of the e-waste rules and the levy of penalties under environmental laws. Clearly, the first order priority is to create a system that will absorb the 80,000 -strong workforce in the informal sector into the proposed scheme for scientific recycling. Facilities must be created to upgrade the skills of these workers through training and their occupational health must be ensured.

Recycling of e-waste is one of the biggest challenges today. In such a time, when globalisation and information technology are growing at a pace which could only be imagined few years back, e-waste and its hazards have become more prominent over a period of time and should be given immediate attention.
66. What, according to the passage, is important now for ewaste management?

1) Making rules
2) Reviewing rules
3) Implementing rules
4) Notifying rules
5) Amending rules
67. Which of the following can be one of the by-products of effective e-waste management?
1) India can guide other countries in doing so.
2) It will promote international understanding.
3) It will promote national integration.
4) It will create a new employment sector.
5) It will further empower judiciary.
68. Which of the following rules has not been indicated in the passage?
1) e-waste Rules 2011
2) Pollution Check Rules
3) Hazardous Wastes Rules, 2008
4) Municipal Solid Wastes Rules
5) All these have been indicated
69. "Both sets of rules" is being referred to which of the following?
1) Solid wastes and hazardous wastes
2) e-waste and hazardous waste
3) Solid waste and e-waste
4) e-waste and e-production
5) Solid waste and recycling waste
70. e-waste rules have been derived from those pertaining to
1) Hazardous waste
2) PC waste
3) Computer waste
4) Municipal solid waste
5) National waste
71. Which of the following will help implement "both sets of rules"?
1) Employment opportunities
2) International collaboration
3) Financial incentive
4) Segregation of waste at source
5) Health costs
72. e-waste Rules came / come into force from
1) 2008
2) 2009
3) 2010
4) 2011
5) 2012
73. Which of the following best explains the meaning of the phrase "which could only be imagined few years back" as used in the passage?
1) It was doomed.
2) It took us few years.
3) It took us back by few years.
4) Imagination is better than IT.
5) None of these
74. Which of the following is true in the context of the passage?
1) No city dumps its waste in lakes.
2) Some cities burn garbage.
3) PCBs have adequate resources for active enforcement.
4) e-waste was a much bigger challenge in the past.
5) None of these
75. Which of the following is not true in the context of the passage?
1) Some form of financial incentive is recommended for the producers.
2) Some financial incentive is recommended for the consumers.
3) e-waste will be a few hundred thousand tonnes.
4) The agencies handling e-waste have to obtain environmental clearances.
5) Those involved in e-waste management would need to upgrade their skills.
Directions (Q. 76-78): Choose the word which is most nearly the same in meaning of the word printed in bold, as used in the passage.
76. Clearance
1) Cleaning
2) Permission
3) Sale
4) Remedy
5) Clarity
77. Turn
1) Throw
2) Chance
3) Send
4) Transform
5) Rotate
78. Potential
1) Intelligence
2) Aptitude
3) Possibility
4) Portion
5) Will

Directions (Q. 79-80): Choose the word which is most opposite in meaning of the word printed in bold as used in the passage.
79. Feasible

1) Unattended
2) Physical
3) Practical
4) Unviabie
5) Wasteful
80. Indifference
1) Interest
2) Difference
3) Ignorance
4) Rule-bound
5) Insignificance

Directions (Q. 81-90): 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. Mark the number of the part with error as your answer. If there is no error, mark 5).
81. 1) If you have made a mistake / 2) while filling up the form / 3) you should be informed / 4) the Income Tax department immediately. / 5) No error
82. 1) Reading newspapers will / 2) help you / 3) in understand banking / 4) and business concepts. / 5) No error
83. 1) Government departments should / 2) share information with / 3) one another so that / 4) they records are up-todate. / 5) No error
84. 1) The bank will decide / 2) unless Ashok is / 3) eligible for a loan / 4) based on his monthly salary. / 5) No error
85. 1) The power supplying in $/ 2$ ) many states has been $/ 3$ ) badly affected because / 4) of the shortage of coal. / 5) No error
86. 1) The government has many/2) new schemes for people / 3) who want to start / 4) businesses in rural areas. / 5) No error
87. 1) The rate of interest / 2) offered by banks to / 3) customers who had savings bank accounts / 4) was decided by RBI early. / 5) No error
88. 1) To provide more such facility / 2) to its workers, the company / 3) is planning to build / 4) schools and parks in the township. / 5) No error
89. 1) Every year this IT company / 2) conducts training programmes / 3) for employees so that / 4) they learn new skills. / 5) No error
90. 1) According to newspaper reports, / 2) there is more internet users / 3) in small towns / 4) than in metros. / 5) No error
Directions (Q. 91-100): 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.

Today, countries all over the world are experiencing many natural disasters like floods and earthquakes.

In 2011, the United Nations conducted a (91) on the natural disasters that occurred (92) 1975 to 2007. Their report said that the (93) of natural disasters has increased tremendously (94) we do not respect the environment and (95) unsafe cities. Some countries like Japan are also (96) in the areas where earthquakes often take place. (97) countries cope with these natural disasters efficiently (98) making technological developments. So, Japan invests in (99) buildings which earthquakes will not destroy (100).

We cannot avoid challenges but must face up to them.
91. 1) war
2) discovery
3) study
4) experiment
5) test
92. 1) earlier
2) before
4) from
93. 1) loss
4) examples
94. 1) therefore
4) accordingly
95. 1) live
4) constructs
96. 1) located
4) put
97. 1) When
4) Neighbouring
5) throughout
2) time
5) number
2) because
5) simply
2) travel
5) crowded
8. 1) for
4) try
99. 1) designing
4) damaging
100. 1) finally
4) luckily
2) situate
5) nearby
2) These
5) Any
2) is
5) by
2) drawing
3) buying
5) falling
2) noisily
5) easily

## Test-III

Numerical Ability
Directions (Q. 101-115): What should come in place of question mark (?) in the following questions?
101. $\frac{5}{8} \times 2 \frac{3}{5} \div \frac{4}{9}=$ ?

1) $2 \frac{13}{27}$
2) $1 \frac{11}{27}$
3) $2 \frac{23}{32}$
4) $3 \frac{21}{32}$
5) None of these
102. $10.8 \times 5.5 \times 8.4=$ ?
1) 458.69
2) 489.96
3) 498.96
4) 485.69
5) None of these
103. $45 \div 5-0.5=$ ?
1) 10
2) 12
3) 9.5
4) 8.5
5) None of these
104. $3.5 \times(60 \div 2.5)=$ ?
1) 62
2) 96
3) 74
4) 88
5) None of these
105. $(4 \times 4 \times 4 \times 4 \times 4 \times 4)^{5} \times(4 \times 4 \times 4)^{8} \div(4)^{3}=(64)^{?}$
1) 17
2) 10
3) 16
4) 11
5) None of these
106. $5 \times ?=8484 \div 4$
1) 444.2
2) 424.2
3) 442.2
4) 422.2
5) None of these
107. $7059-2350+1936=$ ? $\times 50$
1) 123.6
2) 132.3
3) 132.6
4) 123.9
5) None of these
$108.16 \%$ of $550 \div ? \%$ of $500=2.5$
6) 5.64
7) 8.11
8) 7.04
9) 6.08
10) None of these

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109. $8648-7652=? \times 40$

1) 24.7
2) 28.9
3) 27.4
4) 25.9
5) None of these
110. $22 \%$ of $364-$ ? $=23$
1) 50.02
2) 57.08
3) 53.16
4) 59.14
5) None of these
111. $683.46-227.39-341.85=$ ?
1) 114.22
2) 141.22
3) 144.22
4) 112.22
5) None of these
112. $3 \frac{2}{3}+2 \frac{3}{4}+1 \frac{1}{2}=$ ?
1) $8 \frac{11}{12}$
2) $10 \frac{12}{13}$
3) $7 \frac{11}{12}$
4) $9 \frac{11}{13}$
5) None of these
113. $\sqrt{?}-5=\sqrt{2209}$
1) $\sqrt{2704}$
2) $(52)^{2}$
3) $\sqrt{52}$
4) 52
5) None of these
114. $14.5 \%$ of $608=$ ?
1) 88.16
2) 86.18
3) 81.68
4) 86.88
5) None of these
115. $840 \div 40 \div 0.5=$ ?
1) 8.5
2) 21
3) 10.5
4) 42
5) None of these

Directions (Q. 116-120): What approximate value should come in place of question mark (?) in the following questions? (Note: You are not expected to calculate the exact value.)
116. $750.0003 \div 19.999=$ ?

1) 49
2) 18
3) 22
4) 45
5) 38
117. $6888.009-487.999-87.989=$ ?
1) 6000
2) 6570
3) 6430
4) 6200
5) 6310
118. $(9.5)^{2}=$ ?
1) 75
2) 90
3) 125
4) 110
5) 80
119. $19.003 \times 22.998-280.010=$ ?
1) 220
2) 110
3) 160
4) 90
5) 200
120. $5454 \div 54 \div 5=$ ?
1) 15
2) 25
3) 30
4) 20
5) 10

Directions (Q. 121-125): What should come in place of question mark (?) in the following number series?
121. $10000 \quad 2000 \quad 400 \quad 80 \quad 16$

1) 0.38
2) 0.45
3) 0.64
4) $0.54 \quad$ 5) None of these
122.2 $\quad 10 \quad 42 \quad 170 \quad$ ? $2730 \quad 10922$
$\begin{array}{lll}\text { 1) } 588 & \text { 2) } 658 & \text { 3) } 596\end{array}$
5) 682 5) None of these
123. $600 \quad 519 \quad$ ? $406 \quad 370 \quad 345 \quad 329$
1) 435
2) 455
3) 425
4) $445 \quad$ 5) None of these
124.5 ? $\quad 15 \quad 75 \quad 525 \quad 4725 \quad 51975$
5) 6
6) 10
7) 8
8) 5
9) None of these
125.3 $3 \quad 6 \quad 12 \quad 24 \quad 48 \quad 96 \quad$ ?
10) 192
11) 182
12) 186
13) 198
14) None of these
126. Three women and 18 children together take two days to complete a piece of work. How many days will nine children alone take to complete the piece of work if six women alone can complete the piece of work in three days?
1) Nine
2) Seven
3) Five
4) six
5) None of these
127. What will come in place of both question marks (?) in the following question?
$\frac{(?)^{1.8}}{32}=\frac{16}{(?)^{1.2}}$
1) 16
2) 64
3) 2
4) 4
5) 8
128. Out of the fractions $\frac{5}{7}, \frac{4}{9}, \frac{6}{11}, \frac{2}{5}$ and $\frac{3}{4}$, what is the difference between the largest and the smallest fraction?
1) $\frac{6}{13}$
2) $\frac{11}{18}$
3) $\frac{7}{18}$
4) $\frac{11}{20}$
5) None of these
129. The average weight of 21 boys was recorded as 64 kg . If the weight of the teacher was added, the average increased by one kg. What was the teacher's weight?
1) 86 kg
2) 64 kg
3) 72 kg
4) 98 kg
5) None of these
130. The perimetre of a square is twice the perimetre of a rectangle. If the perimetre of the square is 72 cm and the length of the rectangle is 12 cm , what is the difference between the breadth of the rectangle and the side of the square?
1) 9 cm
2) 12 cm
3) 18 cm
4) 3 cm
5) None of these
131. Find the average of the following set of scores. $253,124,255,534,836,375,101,443,760$
1) 427
2) 413
3) 441
4) 490
5) None of these
132. Raj sold an item for ₹ 6,384 and incurred a loss of $30 \%$. At what price should he have sold the item to have gained a profit of $30 \%$ ?
1) ₹ 14,656
2)₹ 11,856
2) $₹ 13,544$
3) Cannot be determined
4) None of these
133. What would be the simple interest accrued in four years on a principle of $₹ 18,440$ at the rate of 15 pcpa ?
1)₹ 11,075
2) ₹ 12,250
3) $₹ 11,500$
4)₹ 12,985
4) None of these
134. A truck covers a distance of 640 km in 10 hr . A car covers the same distance in 8 hr . What is the ratio of the speed of the truck to that of the car?
1) $3: 4$
2) $1: 2$
3) $5: 6$
4) $6: 7$
5) None of these
135. The ratio of Sita's, Riya's and Kunal's monthly income is $84: 76: 89$. If Riya's annual income is $₹ 4,56,000$, what is the sum of Sita's and Kunal's annual incomes? (In some cases monthly income is used while in others annual income is used.)
1)₹ $11,95,000$
2) $₹ 9,83,500$
3) $₹ 11,30,000$
4) ₹ $10,38,000$
5) None of these
136. The sum of $15 \%$ of a positive number and $20 \%$ of the same number is 126 . What is one-third of that number?
1) 360
2) 1080
3) 120
4) 40
5) None of these
137. Nandita scored $80 \%$ marks in five subjects together viz Hindi, Science, Maths, English and Sanskrit, wherein the maximum marks of each subject were 105. How many marks did Nandita score in Science if she scored 89 marks in Hindi, 92 marks in Sanskrit, 98 marks in Maths and 81 marks in English?
1) 60
2) 75
3) 65
4) 70
5) None of these
138. At present, Anil's age is 1.5 times the age of Purvi. Eight years hence, the ratio of the ages of Anil and Purvi will be $25: 18$. What is Purvi's present age?
1) 50 year
2) 28 year
3) 42 year
4) 36 year
5) None of these
139. The average of four consecutive numbers $\mathrm{A}, \mathrm{B}, \mathrm{C}$ and D is 49.5 . What is the product of B and D ?
1) 2499
2) 2352
3) 2450
4) 2550
5) None of these
140. Faisal walks 325 metres every day. How many kilometres will he walk in four weeks?
1) 6.2 km
2) 9.1 km
3) 8.6 km
4) 7.8 km
5) None of these
141. Niraj incurred a loss of 55 per cent on selling an article for ₹9,549. What was the cost price of the article?
1) $₹ 27,700$
2) $₹ 25,600$
3) $₹ 21,220$
4) $₹ 29,000$
5) None of these
142. What is the difference between the compound interest and simple interest accrued on an amount of $₹ 16,200$ at the end of three years at the rate of $25 \%$ ? (Rounded off to two digits after decimal.)
1)₹ 3213.44
2) ₹ 3302.42
3) $₹ 3495.28$
4) ₹ 3290.63
5) None of these
143. A 280 -metres-long train crosses a platform thrice its length in 6 minutes 40 seconds. What is the speed of the

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train?

1) $3.2 \mathrm{~m} / \mathrm{s}$
2) $1.4 \mathrm{~m} / \mathrm{s}$
3) $2.8 \mathrm{~m} / \mathrm{s}$
4) Cannot be determined
5) None of these
144. The area of a rectangle is equal to the area of a circle with circumference equal to 39.6 m . What is the length of the rectangle if its breadth is 4.5 metres?
1) 33.52 m
2) 21.63 m
3) 31.77 m
4) 27.72 m
5) None of these
145. In how many different ways can the letters of the word 'VENTURE' be arranged?
1) 840
2) 5040
3) 1260
4) 2520
5) None of these
146. In order to pass in an exam, a student is required to get 780 marks out of the aggregate marks. Sonu got 728 marks and was declared failed by 5 per cent. What are the maximum aggregate marks a student can get in the examination?
1) 1040
2) 1100
3) 1000
4) Cannot be determined
5) None of these
147. What would be the measure of the diagonal of a square whose area is equal to 882 sq cm ?
1) 38 cm
2) 32 cm
3) 42 cm
4) 48 cm
5) None of these
148. A man riding a bicycle completes one lap of a circular field along its circumference at the speed of $14.4 \mathrm{~km} / \mathrm{hr}$ in 1 minute 28 seconds. What is the area of the field?
1) 7958 sq mt
2) 9856 sq mt
3) 8842 sq mt
4) Cannot be determined
5) None of these
149. Harish, Dilip and Asha start running around a circular stadium and complete one round in 27 seconds, 9 seconds and 36 seconds respectively. In how much time will they meet again at the starting point?
1) 1 min 48 sec
2) 2 min 36 sec
3) 3 min 11 sec
4) 2 min 25 sec
5) None of these
150. On children's day sweets were to be equally distributed among 300 children. But on that particular day 50 children remained absent. Hence each child got one sweet extra. How many sweets were distributed?
1) 1450
2) 1700
3) 1500
4) 1650
5) Cannot be determined

## Test-IV

## General Awareness

## (With special reference to Banking Industry)

151. Which of the following is NOT a function of a commercial bank?
1) Providing project finance
2) Settlement of payments on behalf of the customers
3) Deciding policy rates like CRR, SLR and Repo Rates
4) Issuing credit/debit/ATM cards
5) Providing services such as locker facilities, remittances
152. The Election Commission of India is giving training to the electoral officers of which of the following countries in its neighbourhood?
1) Nepal
2) Pakistan
3) China
4) Bangladesh
5) Bhutan
153. What is money laundering?
1) Conversion of assets into cash
2) Conversion of Money which is illegally obtained
3) Conversion of cash into gold
4) Conversion of gold into cash
5) Conversion of gold into foreign currency
154. As per news reports in various newspapers and journals, 'IAEA' Governors approved the safety plan so that it can be implemented by all the countries willing to adopt it. IAEA is an agency/organisation working in the area of
1) Nuclear Energy
2) World Trade
3) International Banking
4) Defence
5) Social Welfare
155. Which of the following is not a salient feature of debit card?
1) No bad debts to banks and no suits for recovery
2) No interest earning for banks
3) Works like a normal withdrawal slip
4) 45 days credit is given to the card holder
5) All the above
156. Shanti Swarup Bhatnagar Award is given for excellence in the field of
1) Literature
2) Music
3) Sports
4) Science and Technology
5) Social service
157. Funding of which of the following is not a lending for infrastructure sector?
1) Highway project
2) Construction of Educational Institution
3) Construction of Hospital
4) Laying of petroleum pipelines
5) Higher Studies
158. Raag Darbari is a famous book written in Hindi by
1) Amarkant
2) Shrilal Shukla
3) Nirmal Verrna
4) Harivansh Rai Bachchan
5) Malti Joshi
159. Which of the following is a measure taken by the Reserve Bank of India to control inflation in our country?
1) Increasing the $C R R$
2) Increasing the SLR
3) Contraction of supply of currency
4) Raising Repo / Reverse Repo Rate
5) Decreasing the SLR
160. Leila Lopes who was crowned Miss Universe recently is a citizen of
1) USA
2) Britain
3) Brazil
4) India
5) Angola
161. What type of loan is granted by banks for purchase of white goods?
1) Consumption loan
2) Mortgage loan
3) Consumer durables loan
4) Home loan
5) None of these
162. Helle Thorning Schmidt is the first Woman Prime Minister of
1) Norway
2) Brazil
3) Denmark
4) Argentina
5) None of these
163. What is a stale cheque?
1) A cheque issued without drawer's signature
2) A cheque with only signature of the drawer
3) A cheque which has completed six months from its date of issue
4) A six months post-dated cheque
5) Any one of these
164. The 34th General Assembly of the International Organisation for Standardisation (ISO) was organised recently in
1) London
2) New Delhi
3) Vienna
4) Milan
5) Stockholm
165. Ram has been nominated in the Savings account of Sita. Ram requests the bank authorities to allow him to operate Sita's account as she is unwell. What will the bank do?
1) Bank will allow Ram to operate the account as he is the nominee.
2) As nomination will come into effect only after death of the depositor, Bank will not allow.
3) As Ram is the husband of Sita in addition to being the nominee, the Bank should allow.
4) Out of pity for Sita and on account of long term relationship, the Bank may allow.
5) Bank can take a promissory note from Ram and allow him to operate the account.
166. Who among the following is the author of the book Last Man in the Tower?
1) Vikram Seth
2) Kiran Desai
3) Shobha De
4) Chetan Bhagat 5) Aravind Adiga
167. Which of the following is 'material alteration' of a negotiable instrument?
1) Converting an order cheque to bearer cheque
2) Converting a bearer cheque to order cheque
3) Crossing of an uncrossed cheque
4) Writing an amount on a blank cheque
5) Putting a signature on the back of a cheque
168. Which of the following days was proclaimed "International Literacy Day" by UNESCO?
1) 8th September
2) 18 th September
3) 18 th October
4) 8th October
5) 28 th November

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169. What do you understand by the term 'Mortgage'?
1) Sale of a movable security in the event of default by the borrower
2) Registration of charge with the Registrar of Companies
3) Making the security of immovable property available as a cover for a home loan by the borrower
4) Registration of charge with the Regional Transport Authority
5) Returning of the security to borrower by the bank on receipt of full payment
170. Which of the following honorary ranks is given to MS Dhoni in the Territorial Army?
1) Major General
2) Sergeant
3) Major
4) Lieutenant Colonel
5) Colonel
171. Which of the following constitutes the largest percentage of Retail loans in India?
1) Auto loans
2) Personal loans
3) Personal overdrafts
4) Consumer loans
5) Home loans
172. Which of the following is a food crop?
1) Jute
2) Jatropha
3) Jowar
4) Cotton
5) Tobacco
173. Credit risk to the bank is high in which of the following cards?
1) Debit cards
2) Credit cards
3) ATM cards
4) All the above
5) None of these
174. Who among the following is NOT a Sports person?
1) Sania Mirza
2) Azim H Premji
3) Leander Paes
4) Ricky Ponting
5) Rahul Dravid
175. Depreciation of an asset occurs due to
1) Fire in the unit
2) Theft
3) Labour trouble
4) Wear and tear
5) None of these
176. Which of the following international events is associated with the game of car racing?
1) Twenty- 20
2) FIFA World Cup
3) Dubai Open
4) Singapore Grand Prix
5) Grand Master
177. Which of the following is NOT a source of funds of a commercial bank?
1) Capital
2) Borrowings from RBI
3) Call money borrowings
4) Deposits
5) Cash reserves with RBI
178. Who among the following is a Golf player and represents India in International events?
1) Mahesh Bhupati
2) Pankaj Advani
3) Jeev Milkha Singh
4) Vijendra Singh
5) Zaheer Khan
179. Which of the following is a Credit Card Association?
1) India Card
2) Master Card
3) SBI Cards
4) Citi Bank Cards
5) BOB Card
180. Which of the following Indian companies makes tractors?
1) Maruti Suzuki
2) Ford Motors
3) Ashok Leyland
4) Mahindra Gujarat
5) Tata Motors
181. Which of the following is not an electronic banking delivery channel?
1) Mobile Vans
2) Mobile Phone Banking
3) Internet Banking
4) Tele Banking
5) ATM
182. Who among the following women is a Minister in Union Cabinet?
1) M Vijaya Shanthi
2) Priya Dutt
3) Sonia Gandhi
4) Sushma Swaraj
5) Ambika Soni
183. The rate at which the domestic currency can be converted into foreign currency and vice versa is known as
1) Exchange rate
2) MIBOR
3) Inter-bank Call money rate
4) Base rate
5) LIBOR
184. Which of the following is NOT a major IT company in India?
1) CMC Ltd
2) Raymonds
3) HCL Technologies
4) Infosys Technologies
5) Tata Consultancy Services
185. Which of the following institutions is an asset reconstruction company?
1) CIBIL
2) DICGC
3) BCSBI
4) ARCIL
5) IRDA
186. Which of the following terms is used in the field of Economics?
1) Biosphere
2) Exchange Rate
3) Equator
4) Harmonic Tremor
5) Lignite
187. Crossing on a cheque can be cancelled by the $\qquad$ of the cheque under his full signature.
1) payee
2) drawee
3) endorser
4) holder
5) drawer
188. Who among the following is the President of a country at present?
1) Ban Ki Moom
2) Pascal Lany
3) Margaret Chan
4) Dmitry Medvedev
5) Kaushik Basu
189. Which of the following categories of advance accounts is not an NPA?
1) Standard account
2) Substandard account
3) Doubtful account
4) Loss account
5) All the above
190. Who among the following is the Cabinet Secretary of Govt of India at present?
1) Ajit Kumar Seth
2) Ranjan Mathai
3) Shiv Shankar Menori
4) RK Singh
5) None of these
191. Which of the following terms is used in the game of Cricket?
1) Leg-Bye
2) Smash
3) Kidney Punch
4) Deuce
5) Love
192. Which of the following is a metal?
1) Chlorine
2) Zinc
3) Neon
4) Iodine
5) Hydrogen
193. Which of the following is the name of India's Space launching vehicle?
1) Edusat
2) G-SAT
3) PSLV
4) Kalpana 1
5) HT PB
194. Who among the following is the author of the famous Russian Classic book The Mother?
1) Maxim Gorky
2) Vladimir Nabokov
3) Leo Tolstoy
4) Edgar Allan Poe
5) Nikita Khruschev
195. Which of the following is NOT a game?
1) Billiards
2) Polo
3) Bridge
4) Wrestling
5) Olympic
196. Which of the following is the name of a Chinese food equally popular in India?
1) Chopsticks
2) Sumo
3) Chowmein
4) Fengshui
5) Kanji
197. Which of the following films is directed by Karan Johar?
1) Wake up Sid
2) Chandni Bar
3) My Name is Khan
4) Fashion
5) Ra One
198. Which of the following awards has been given to Brajesh Mishra in 2011?
1) Padma Vibhushan
2) Bharat Ratna
3) Rajiv Gandhi Khel Ratna
4) Padma Shri
5) Man of the Year 2011
199. Which of the following is the Capital of Madhya Pradesh?
1) Indore
2) Lucknow
3) Dehradun
4) Bhopal
5) Raipur
200. Kabul is a town in
1) Pakistan
2) Nepal
3) Bhutan
4) Bangladesh
5) Afghanistan

## Test-V <br> Computer Knowledge

201. The smallest unit of information a computer can understand and process is known as a
1) digit
2) byte
3) megabyte
4) kilobyte
5) bit
202. Compatibility, with regard to computers, refers to
1) the software doing the right job for the user
2) it being versatile enough to handle the job
3) the software being able to run on the computer
4) software running with only other previously installed software
5) software permanently available in the computer
203. A $\qquad$ uses pressure as a user presses it with a stylus to send signals.
1) touchpad
2) TrackPoint
3) graphics tablet
4) trackpad
5) keyboard
204. The justification that aligns text on both margins of a document in Word is
1) Justify
2) Bold
3) Center
4) Right
5) Balanced
205. A partially completed workbook that contains formulas and formatting, but no data is called a
1) prototype
2) template
3) model
4) function
5) None of these
206. A byte can represent any number between 0 and
1) 2
2) 255
3) 256
4) 1024
5) 1025
207. Connectivity for a new computer means
1) allowing a printer to be connected to it
2) having a modem and/or network connection to communicate with other computers
3) connecting the software to the hardware of the system
4) connecting a mouse a keyboard and a printer - all essential hardware pieces for the average user
5) software permanently available in the computer
208. A $\qquad$ is used to read handwritten or printed text
to make a digital image that is stored in memory.
1) printer
2) laser beam
3) scanner
4) touchpad
5) keyboard
209. The shortcut key $\mathrm{Ctrl}+\mathrm{F}$ in Word is used for
1) To view document in full view
2) To open the Formula dialog box
3) To save the file
4) To open the Find and Replace dialog box
5) None of these
210. Each cell in a Microsoft Office Excel document is referred to by its cell address, which is the
1) cell's column label
2) cell's column label and worksheet tab name
3) cell's row label
4) cell's row and column labels
5) cell's contents
211. The most widely used code that represents each character as a unique 8 -bit code is
1) ASCII
2) Unicode
3) binary numbering system
4) EBCDIC
5) ACSII
212. Operating systems and utility programs are in a class of software known as
1) application software
2) sequential software
3) software suites
4) BIOS software
5) system software
213. OCR stands for
1) Optical Coding Recognizer
2) Ostensibly Characterised Reader
3) Original Code Reader
4) Original Character Reader
5) Optical Character Recognition
214. The Open, Print, and Save buttons are all located on the
1) status bar
2) Formatting toolbar
3) Standard toolbar
4) title bar
5) Status and title bars
215. To copy a cell, you would drag the cell border while simultaneously holding down the Ctrl key when
1) You have one or more cells to copy.
2) Only some of the cells are visible in the window.
3) You don't want to refer to absolute references.
4) The distance between cells is short and they are both visible in the window.
5) None of these
216. The permanently etched program in ROM that automatically begins executing the computer's instructions is the
1) BIOS
2) ROM
3) CMOS
4) RAM
5) None of these
217. Information stored in RAM is considered volatile, which means it is
1) stored there permanently.
2) not held permanently, only temporarily.
$3)$ stored when the electricity is shut off.
3) stored permanently in the CPU device.
4) None of these
218. The display size of a monitor is measured
1) zig-zag
2) horizontally
3) vertically
4) from center to the furthest corner
5) diagonally
219. The name of a Microsoft Office Word document is displayed in both the $\qquad$ and the taskbar.
1) menu bar
2) taskbar
3) Formatting toolbar
4) Standard toolbar
5) title bar
220. Excel is designed to provide visual cues to the relationships between the cells that provide values to the formulas or the cells that depend on the formulas by
1) Bolding the cell references to match the colour coding of the borders around the referenced worksheet cells.
2) Highlighting the cell references.
3) Colour coding the cell references in the formula to match the borders around the referenced worksheet cells.
4) Bolding the cell references.
5) None of these
221. A limitation of software that digitizes voice data is that it

1 ) is prohibitively expensive.
2) must be trained to recognize individual voices.
3) can only be used on high-end computers.
4) cannot be used on laptop computers.
5) cannot be used on desktop computers
222. External devices such as printers, keyboards and modems are known as

1) add-on devices.
2) peripherals.
3) extra hardware devices.
4) PC expansion slot add-ons.
5) special-buys
223. The higher the resolution of a monitor, the
1) larger the pixels
2) less clear the screen is
3) further apart the pixels
4) closer together the pixels
5) None of these
224. To select a Word, you click it
1) once
2) twice
3) three times
4) four times
5) None of these
225. This Excel feature includes functions to calculate an Average, Minimum, Maximum and Count.
1) Format
2) Number
3) AutoSum
4) Calculate
5) MIN
225. For a computer to recognize and understand analog data, it must first be
1) sent to a mainframe for interpretation
2) analyzed by the ALU of the CPU
3) decoded
4) analyzed for viruses
5) digitized
227. Expansion cards are inserted into
1) slots
2) peripheral devices
3) the CPU
4) the back of the computer
5) pegs
228. Which type of software is distributed free but requires the users to pay some amount for further use?
1) freeware
2) shareware
3) rentalware
4) public-domain software
5) abandonware
229. Using Print Preview is useful when you want to
1) Colour the document
2) Save the document
3) Delete the document
4) Copy the document
5) View how the document will appear when printed
230. What does a Web site address uniquely specify?
1) Web browser
2) Web site
3) PDA
4) Storage
5) Hard-disk
231. A pixel is a
1) picture element or dot on a screen.
2) point of ink on a laser-printed page.
3) point of ink on an ink-jet printed page.
4) light beam used as an input device.
5) None of these
232. The most common pointing input device is the
1) trackball
2) touchpad
3) touchscreen
4) mouse
5) scanner
233. The file that is created through word processing is a
1) database file
2) storage file
3) worksheet file
4) document file 5) graphical file
234. Web pages are saved in ___ format.
1) http://
2) HTML
3) DOC
4) URL
5) None of these
235. What are the two parts of an E-mail address?
1) User name and street address
2) Legal name and phone number
3) User name and domain name
4) Initials and password
5) login name and password
236. If employees reside in different parts of the country and need to meet monthly, useful computer technology would be
1) video-display software 2) video digitizing
2) vidcioconferencing
3) video scanning.
4) None of these
237. The wheel located between the two standard buttons on a mouse is used to
1) click in Web pages
2) shut down
3) click and select items
4) jump to different Web pages
5) scroll
238. Which type of software is used in the design of products, structures, civil engineering, drawings and maps?
1) CAD programs
2) desktop programs
3) drawing programs
4) painting-programs
5) video/audio-progratns
239. Advanced word processing features include all except creation of
1) alternate headers and footers.
2) columns
3) detailed architectural drawings
4) stylesheets
5) None of these
240. The computer that hosts your e-mail account is known as $\mathrm{a}(\mathrm{n})$
1) Host
2) E-mail client
3) E-mail server
4) Listserv
5) None of these
241. $\qquad$ can interpret voice data into words that can be understood by the computer
1) Speech input hardware
2) Talking software
3) Word recognition software
4) Speech recognition software
5) Adobe reader
242. A touchpad responds to
1) light
2) pressure
3) clicking
4) the sense of heat from fingertips
5) None of these
243. What is the term for calculations used within spreadsheets?
1) analyses
2) ranges
3) formulas
4) recalculations 5) values
244. This is a set of values that you want to chart in Excel.
1) Object
2) Numbers
3) Data Mart
4) Formulas
5) Data series
245. Before you can begin using e-mail, you must have a(n)
1) Browser
2) Modem
3) Server
4) Scanner
5) Account
246. Until a computer can recognise handwriting, an input device must
1) store the information in secondary storage
2) optimise the information
3) digitise the information
4) show the information on a screen
5) become an output device also
247.The pointing device that comes built into a laptop computer can be any except a
6) mouse
7) trackball
8) touchpad
9) pointing stick
10) None of these
248. The button that displays the window over the entire screen is
1) scroll box
2) Downsize
3) Restore Down
4) Minimize
5) Maximize
249. The .xls extension is used for $\qquad$ files.
1) Windows
2) Access
3) PowerPoint
4) Word
5) Excel
250. Which of the following are tasks that may be completed when configuring your e-mail client?
1) Provide the IP address of your ISP's mail server
2) Provide the name of your e-mail account
3) Specify that mail is to be deleted from the host computer after it is downloaded to your computer.
4) All of these
5) None of these

## Answers and explanations

1. 3; As,

and


Similarly,
So,

2. 3; 5 5:3 $114: 6$
$\begin{array}{l:lll:lll}1 & 3 & 5 & 6 & 7 & 8\end{array}$
So, position of two digits, ie 3 and 6 , remains unchanged after the digits are rearranged in ascending order within the number.
3. 2 ;


So, Q S should come in the place of question mark.
4. 1; ERID $\rightarrow$ DIRE. Alphabets are written in reverse order. Thus, RIPE $\rightarrow$ EPIR
5. 2; The third, fifth, seventh and ninth letters are W, G, A and E respectively.
Only one meaningful word can be formed using these letters which is WAGE.

| 6. 4; | @ | 9 | 1 | $\$$ | 2 | 6 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\downarrow$ | $\downarrow$ | $\downarrow$ | $\downarrow$ | $\downarrow$ | $\downarrow$ |  |
|  | P | E | F | H | R | J |  |
| 7. | $5 ;$ | 3 | 8 | 7 | $\#$ | $\mathbb{C}$ | 9 |
|  | $\downarrow$ | $\downarrow$ | $\downarrow$ | $\downarrow$ | $\downarrow$ | $\downarrow$ |  |
|  | K | D | M | T | P | E |  |
| 8. | $1 ;$ | 4 | $@$ | 3 | 1 | 2 | $\delta$ |
|  | $\downarrow$ | $\downarrow$ | $\downarrow$ | $\downarrow$ | $\downarrow$ | $\downarrow$ |  |
|  | V | P | K | F | R | V |  |

(Condition (i) applies.)
9. 3 ; $\begin{array}{ccccccc} & \% & 4 & 1 & 8 & 7 & \\ & \downarrow & \downarrow & \downarrow & \downarrow & \downarrow & \downarrow \\ & \mathrm{X} & \mathrm{I} & \mathrm{F} & \mathrm{D} & \mathrm{M} & \mathrm{X}\end{array}$
(Condition (iii) applies.)
10.2; $\begin{array}{rllllll} & 9 & 1 & 2 & 4 & \delta & 6 \\ & \downarrow & \downarrow & \downarrow & \downarrow & \downarrow & \downarrow \\ & \text { J } & \text { F } & \mathrm{R} & \mathrm{I} & \mathrm{V} & \mathrm{E}\end{array}$
(Condition (ii) applies.)
11. 2; $\mathrm{D}=\mathrm{T} . .$. .(i); $\mathrm{T} \geq \mathrm{M} . .$. (ii) $; \mathrm{M}<\mathrm{J}$....(iii)

Combining all the three, we have, $\mathrm{D}=\mathrm{T} \geq \mathrm{M}<\mathrm{J} \Rightarrow$ No relationship between D and J can be established. Hence conclusion I is not true. Again, combining (i) and (ii), we get, $\mathrm{D}=\mathrm{T} \geq \mathrm{M} \Rightarrow \mathrm{D} \geq \mathrm{M} \Rightarrow \mathrm{M} \leq \mathrm{D}$. Therefore, conclusion II is not true.
12. 3; $\mathrm{B}<\mathrm{K}$....(i); $\mathrm{K}=\mathrm{N}$....(ii) $\mathrm{N} \geq \mathrm{R}$....(iii)

Combining (ii) and (iii), we get $K=N \geq R \Rightarrow R \geq K$. Therefore neither conclusion I nor conclusion II is true. But both are exhaustive. Hence either conclusion I $(\mathrm{R}=\mathrm{K})$
or conclusion II $(\mathrm{R}<\mathrm{K})$ is true.
13. 1; $\mathrm{H} \geq$ F....(i); $\mathrm{F}<\mathrm{W}$....(ii); $\mathrm{W}=\mathrm{E}$....(iii)

Combining (ii) and (iii), we get $\mathrm{F}<\mathrm{W}=\mathrm{E} \Rightarrow \mathrm{F}<\mathrm{E} \Rightarrow \mathrm{E}>$ F. Hence conclusion I is true. Again, combining (i) and (ii), we have, $\mathrm{H} \geq \mathrm{F}<\mathrm{W} \Rightarrow$ No relationship between H and W can be determined. Therefore conclusion II is not true.
14. 4; $\mathrm{Z}>\mathrm{D}$....(i); $\mathrm{D} \leq \mathrm{K}$....(ii); $\mathrm{K}>\mathrm{M}$....(iii)

Combining (ii) and (iii), we have $\mathrm{D} \leq \mathrm{K}>\mathrm{M} \Rightarrow$ No relationship between D and M can be determined. Hence conclusion I doesnot follow. Again, combining (i) and (ii), we get, $\mathrm{Z}>\mathrm{D} \leq \mathrm{K} \Rightarrow$ No relationship between Z and K can be determined. Therefore conclusion II is not true.
15. 5; $\mathrm{W} \leq \mathrm{B} \ldots$.(i); $\mathrm{N}>\mathrm{B} ; \ldots$. (ii); $\mathrm{N} \leq \mathrm{F}$....(iii)

Combining (ii) and (iii), we have $\mathrm{B}<\mathrm{N} \leq \mathrm{F} \Rightarrow \mathrm{B}<\mathrm{F} \Rightarrow \mathrm{F}>$ B. Therefore conclusion I is true. Again, combining (i) and (ii), we get, $\mathrm{W} \leq \mathrm{B}<\mathrm{N} \Rightarrow \mathrm{W}<\mathrm{N}$. Hence conclusion II is also true.
(16-20):

16. 2
17. 1
18. 5; R
19. 1
20. 4
(21-25):
21. 3; From I. M

## P T

Thus, it can be found that $M$ is to the north-west of $T$. So, I alone is sufficient to answer the question.
From II. M K
T
Thus, it can be deduced that M is to the north-west of T . So, II alone is also sufficient to answer the question. Thus, the answer can be found by using either of the statements alone.
22. 4; From I. Possible dates of birthday of Mohan's mother are 13th, 14th, 15 th, 16 th or 17 th of July
Thus, I alone is not sufficient to answer the question.
From II. Possible dates of birthday of Mohan's mother are 16 th, 17 th or 18 th of July.
Thus, II alone is also not sufficient to answer the question. Now, even after combining I and II, it is found that Mohan's mother's birthday is either on 16 th or 17 th July.
Thus, the answer cannot be found even after combining both the statements. Hence, option (4) follows.
23. 5; From I. It is clear that $K, D$ and $R$ are siblings while $K$ and D are females. But no relation can be found between D and M.

From II. It can be found that R's father is certainly the father of $K$ and D as well. Since $M$ is married to R's father, it means $M$ is the mother of $R$.
Thus, after combining I and II, we can definitely say that $M$ is the mother of D. So, both statements I and II are required to answer.
24. 4; From I. go near the tree $\rightarrow$ sa na pa ta

Thus, code for 'near' cannot be found.
From II. tree is near home $\rightarrow$ ja pa da sa
Again, code for 'near' cannot be found.
After combining I and II, it is found that the code for 'near' can be either 'sa' or 'pa'.

Thus, the answer cannot be found even after combining both the statements.
25. 2; From I. $->\mathrm{D}>--$ is obtained if all of them are arranged in descending order of the marks scored. But we cannot say who among them scored the lowest marks.
From II. It is clear that E has scored the lowest marks. Thus, II alone is sufficient to answer to the question.
(26-30): In the first step, the largest number goes to the left most position, pushing the rest of the line rightward. In the next step, the word that comes first in the alphabetical order occupies the second position from the left, pushing the rest of the line rightward. Thus the numbers and words gets arranged alternately till all the numbers are placed in the descending order and the words in the alphabetical order.
26. 1; Input: 16 power failure 6153 new cost 27

Step I: 6116 power failure 53 new cost 27
Step II: 61 cost 16 power failure 53 new 27
Step III: 61 cost 5316 power failure new 27
Step IV: 61 cost 53 failure 16 power new 27
Step V: 61 cost 53 failure 2716 power new
Step VI: 61 cost 53 failure 27 new 16 power
27. 4; We cannot move backwards.
28. 1; Step III: 63 bed 58 never go home 4628

Step IV: 63 bed 58 go never home 4628
Step V: 63 bed 58 go 46 never home 28
Step VI: 63 bed 58 to 46 home never 28
Step VII: 63 bed 58 go 46 home 28 never
This is the final step. Thus, four more steps are required to complete the rearrangement.
29. 5; Step IV will be the last but one step.

Input: rows 25 columns 3946 fear star 72
Step I: 72 rows 25 columns 3946 fear star
Step II: 72 columns rows 253946 fear star
Step III: 72 columns 46 rows 2539 fear star
Step IV: 72 columns 46 fear rows 2539 star Step V: 72 columns 46 fear 39 rows 25 star This is the final step.
30. 2; Input: ordinary 47 tablet 36 dry 9132 handle Step I: 91 ordinary 47 tablet 36 dry 32 handle Step II: 91 dry ordinary 47 tablet 3632 handle Step III: 91 dry 47 ordinary tablet 3632 handle Step IV: 91 dry 47 handle ordinary tablet 3632 Step V: 91 dry 47 handle 36 ordinary tablet 32 Step VI: 91 dry 47 handle 36 ordinary 32 tablet
(31-35): On the basis of information given in the question, we can have the following table:

| Member | Day | Car |
| :---: | :---: | :---: |
| A | Tuesday | Estillo |
| B | Friday | Figo |
| C | Wednesday | Swift |
| D | Saturday | Optra |
| E | Sunday | Beat |
| F | Thursday | SX4 |
| G | Monday | Alto |
| 31. 1 32.2 | 33. 4 | 34. 3 | 35. 5.

36. 1; Some trees are bushes (I) $\rightarrow$ conversion $\rightarrow$ Some bushes are trees. It means 'At least some bushes are trees'. Hence, conclusion I follows. But conclusion II does not follow because A + I = No conclusion.
37. 2; All colours are paints (A) + No paint is a brush $(\mathrm{E})=\mathrm{A}+\mathrm{E}$
$=\mathrm{E}=$ No colour is brush $\rightarrow$ conversion $\rightarrow$ No brush is a colour. Hence, conclusion II follows. But conclusion I does not follow.
38. 1; Some chemicals are organics (I) + All organics are fertilizers $(\mathrm{A})=\mathrm{I}+\mathrm{A}=\mathrm{I}=$ Some chemicals are fertilizers. It means 'At least some fertilizers are chemicals'. Hence, conclusion I follows but conclusion II does not follow.
39. 4; No air is solid (E) + Some solids are liquids $(\mathrm{I})=\mathrm{E}+\mathrm{I}=\mathrm{O}$ $=$ Some liquids are not air. But in conclusion II, it is given 'definitely'. So, neither conclusion I nor II follows.
40. 5; All gems are diamonds (A) + All diamond are rocks (A) $\Rightarrow$ $\mathrm{A}+\mathrm{A}=\mathrm{A}=$ All gems are rocks. Thus, conclusion II follows. Now, All gems are rock $(\mathrm{A}) \rightarrow$ conversion $\rightarrow$. Some rocks are gems (I). It means 'At least some rocks are gems'. Hence, both conclusions I and II follow.
41.4
41. 2; The movement of elements in each step is as follows.

42. 5; In subsequent figures, $1,2,3,4$, and 5 curves are inverted.
43. 4
44. 5; The movement of elements in each step is as follows:

45. 4; From (1) $\rightarrow$ (2), top-left element shifts to middle right, top-right element moves half step ACW, top-middle element moves half step CW and is replaced by a new element. Also, middle-left element shifts to lower right position. Same pattern will follow from (5) to the next element.
46. 2 ; In subsequent figures, $8,6,5,6$ elements are added. So, in answer figure, five more line segments will be added to figure number (5).
47. 4
49.4
48. 2; In each subsequent step, the design rotates through $45^{\circ} \mathrm{ACW}$ and half leaf is added.
49. 5
50. 1
51. 3
52. 2
53. 5
54. 1; The correct spelling is - challenge
55. 3; The correct spelling is - floor
56. 4; Replace 'grow' by 'growth'.
57. 2; Replace 'landing' by 'land'.
58. 1; Replace 'then' by 'than'.

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61. 4
62. 2
63. 5
64. 5
65. 3
66. 4
67. 2
68. 5
69. 4
70. 5
71. 5
72. 2
73. $2 \quad 77.4$
74. 2
75. 4
76. 3; 'you should inform'
77. 3; 'in understanding' or 'to understand'.
83.4; Replace 'they' by 'their'.
78. 2; Replace 'unless' by 'whether' or 'if'.
79. 1; Replace 'supplying' by 'supply'.
80. 2; 'for the people'.
81. 4; Replace 'early' by 'earlier'.
82. 1; Replace 'facility' by 'facilities'.
89.5
83. 2; Replace 'is' by 'are'.
84. 3
85. 4
86. 5
87. 2
88. 3
89. 1
90. 2
91. 5
92. 1
93. 4; $\frac{5}{8} \times \frac{13}{5} \times \frac{9}{4}=\frac{117}{32}=3 \frac{21}{32}$
94. $2: ?=10.8 \times 5.5 \times 8.4=498.96$
95. $4 ; \quad ?=\frac{45}{5}-0.5=9-0.5=8.5$
96. $5 ; \quad ?=3.5 \times 24=84$
97. 1 ; $(64 \times 64)^{5} \times(4 \times 4 \times 4)^{8} \div(64)^{1}=(64)^{?}$

Or, $64^{5} \times 64^{5} \times 64^{8} \div(64)=(64)^{?}$
Or, $64^{5+5+8-1}=64^{\text {? }}$
? $=17$
106. $2 ; \quad ?=\frac{8484}{4 \times 5}=424.2$
107. $5 ; \quad ?=\frac{6645}{50}=132.9$
108. $3 ; 88 \div ? \%$ of $500=2.5$
or, $88=2.5 \times ? \%$ of 500
or, $\frac{88}{2.5}=? \%$ of 500
or, $35.2=\frac{500}{100} \times$ ?
or, $?=\frac{35.2 \times 100}{500}=7.04$
109. $5 ; \quad ?=\frac{996}{40}=24.9$
110. $2 ; \quad ?=80.08-23=57.08$
111. 1
112. $3 ;(3+2+1)+\left(\frac{2}{3}+\frac{3}{4}+\frac{1}{2}\right)$
$=6+\frac{8+9+6}{12}=6+\frac{23}{12}=7 \frac{11}{12}$
113. $2 ; \sqrt{?}=47+5=52$
or, ? $=(52)^{2}=2704$
114. $1 ; ?=14.5 \%$ of $608=88.16$
115. $4 ; \quad ?=\frac{840}{40 \times 0.5}=42$
116. $5 ; \quad ?=\frac{750}{20}=37.5$
117. 5
118. 2
119. 3
120. 4
121. 3; The pattern of the series is as follows:
$10000 \div 5=2000$
$2000 \div 5=400$
$400 \div 5=80$
$80 \div 5=16$
$16 \div 5=3.2$
$3.2 \div 5=\mathbf{0 . 6 4}$
122. 4; The pattern of the series is as follows:
$2 \times 4+2=10$
$10 \times 4+2=42$
$42 \times 4+2=170$
$170 \times 4+2=\mathbf{6 8 2}$
123. 2 ; The pattern of the series is as follows:
$600-9^{2}=600-81=519$
$519-8^{2}=519-64=455$
$455-7^{2}=455-49=406$
$406-6^{2}=406-36=370$
124. 5 ; The pattern of the series is as follows:
$5 \times 1=5$
$5 \times 3=15$
$15 \times 5=75$
$75 \times 7=525$
$525 \times 9=4725$
125. 1 ; The pattern of the series is as follows:
$3 \times 2=6$
$6 \times 2=12$
$12 \times 2=24$
$24 \times 2=48$
$48 \times 2=96$
$96 \times 2=192$
126. 4; Six women alone can complete the work in three days. Then, three women alone can complete the work in six days.
$\because 3$ women and 18 children together can complete the work in 2 days.
3 women can complete the work in 6 days.
$\therefore 18$ children can complete the work in $\frac{6 \times 2}{6-2}$ days $=3$
days. So, 9 children will complete the work in 6 days.
127. $5 ; \quad ?^{1.8} \times ?^{1.2}=32 \times 16$
or, $?^{1.8+1.2}=512 \quad$ or, $?^{3}=512=8^{3}$
$\therefore$ ? $=8$
128. $5 ; \quad \frac{5}{7}=0.71 ; \quad \frac{4}{9}=0.44 ; \quad \frac{6}{11}=0.545 ; \quad \frac{2}{5}=0.4 ; \quad \frac{3}{4}=0.75$

Largest fraction $=\frac{3}{4}$
Smallest fraction $=\frac{2}{5}$
Difference $=\frac{3}{4}-\frac{2}{5}=\frac{15-8}{20}=\frac{7}{20}$
129. 1; Total weight of 21 boys $=(64 \times 21=) 1344 \mathrm{~kg}$

Total weight along with the teacher $=(65 \times 22=) 1430 \mathrm{~kg}$
Teacher's weight $=(1430-1344=) 86 \mathrm{~kg}$
130.2; Perimetre of square $=72 \mathrm{~cm}$

Perimetre of rectangle $=\left(\frac{72}{2}=\right) 36 \mathrm{~cm}$
$\therefore$ Side of the square $=\frac{72}{4}=18 \mathrm{~cm}$

Perimeter of rectangle $=2(1+b)$
or, $2(12+b)=36$
or, $\mathrm{b}=18-12=6 \mathrm{~cm}$
Difference $=(18-6=) 12 \mathrm{~cm}$
131. 5; Average

$$
\begin{aligned}
& =\frac{253+124+255+534+836+375+101+443+760}{9} \\
& =\frac{3681}{9}=409
\end{aligned}
$$

132. 2 ; Cost price of the item $=6384 \times \frac{100}{70}$

SP of item with $30 \%$ profit $=6384 \times \frac{100}{70} \times \frac{130}{100}=₹ 11856$
133. 5; $\quad \mathrm{SI}=\frac{\mathrm{P} \times \mathrm{r} \times \mathrm{t}}{100}=\frac{18440 \times 15 \times 4}{100}=₹ 11064$
134. 5 ; Speed of the truck $=\frac{640}{10}=64 \mathrm{~km} / \mathrm{hr}$

Speed of the car $=\frac{640}{8}=80 \mathrm{~km} / \mathrm{hr}$
Ratio $=\frac{64}{80}=\frac{4}{5}=4: 5$
135. 4; Ratio of monthly income and ratio of annual income will be the same,
ie $84: 76: 89$
$\therefore$ Sum of Sita's and Kunal's annual income

$$
=\frac{456000}{76} \times(84+89)=₹ 1038000
$$

136. 3 ; Let the number be x .
$\therefore(15 \%+20 \%)$ of $\mathrm{x}=126$
$\therefore \mathrm{x}=\frac{126 \times 100}{35}=360$
$\therefore$ required answer $=360 \times \frac{1}{3}=120$
137. 1; Total marks scored by Nandita $=525 \times \frac{80}{100}=420$

Score in science $=420-(89+92+98+81)$

$$
=420-360=60
$$

138. 2; Let Purvi's present age be x years.

Anil's present age $=1.5 \mathrm{x}$ years.
Age after eight years $=\frac{1.5 x+8}{x+8}=\frac{25}{18}$
or, $27 x+144=25 x+200$
or, $2 x=56$
$\therefore \mathrm{x}=28$
139. 1; Let $\mathrm{A}=\mathrm{x}, \mathrm{B}=\mathrm{x}+1, \mathrm{C}=\mathrm{x}+2, \mathrm{D}=\mathrm{x}+3$
$\therefore \mathrm{x}+\mathrm{x}+1+\mathrm{x}+2+\mathrm{x}+3=198$
or, $4 x+6=198$
or, $x=48$
$\therefore B=49, D=51$
$\therefore$ Product of B and D $=49 \times 51=2499$
140. 2; Total days in four weeks $=28$

Total distance walked by Faisal $=28 \times 325$

$$
=9100 \mathrm{~m}=9.1 \mathrm{~km}
$$

141. 3; Cost price $=\frac{9549}{45} \times 100=₹ 21220$
142.4; Quicker Method: Difference between CI and SI in three years
$=\frac{\operatorname{Sum} \times \mathrm{r}^{2}(300+\mathrm{r})}{100^{3}}=\frac{16200 \times 25^{2}(300+25)}{100^{3}}$
$=\frac{16200 \times 625(325)}{1000000}=3290.625$
142. 3; Total distance covered by train $=280+3 \times 280=1120 \mathrm{~m}$ Total time $=6 \times 60+40=400$ seconds
Speed $=\frac{1120}{400}=2.8 \mathrm{~m} / \mathrm{sec}$
143. 4; Circumference of the circle $=39.6 \mathrm{~m}$
or, $2 \pi \mathrm{r}=39.6 \mathrm{~m}$
or, $r=\frac{39.6 \times 7}{22 \times 2}=6.3 \mathrm{~m}$
$\therefore$ Area of circle $=\pi \mathrm{r}^{2}=\frac{22}{7} \times 6.3 \times 6.3=124.74 \mathrm{~m}^{2}$
$\therefore$ Area of the rectangle $=124.74$
$\therefore$ Length of the rectangle $=\frac{124.74}{4.5}=27.72 \mathrm{~m}$
144. 4; There are 7 letters in the given word VENTURE in which E comes twice.
$\therefore$ Total number of ways $=\frac{\boxed{7}}{\lfloor 2}=7 \times 6 \times 5 \times 4 \times 3=2520$
145. $1 ; 5 \%$ of maximum aggregate marks $=780-728=52$

Maximum aggregate marks $=\frac{52}{5} \times 100=1040$
147. 3; Diagonal of square $=\sqrt{2 \times \text { area }}$

$$
=\sqrt{2 \times 882}=\sqrt{1764}=42 \mathrm{~cm}
$$

148. $2 ; \quad 14.4 \mathrm{~km} / \mathrm{hr}=\left(14.4 \times \frac{5}{8}=\right) 4 \mathrm{~m} / \mathrm{s}$

Total time $=(60+28=) 88 \mathrm{~s}$
Total distance $=4 \times 88=352 \mathrm{~m}$
Circumference $=352 \mathrm{~m}$
or, $2 \pi \mathrm{r}=352 \mathrm{~m}$
or, $2 \times \frac{22}{7} \times r=352 \mathrm{~m}$
or, $\mathrm{r}=\frac{352 \times 7}{22 \times 2}=56 \mathrm{~m}$
Now, area of circle $=\pi \mathrm{r}^{2}=\frac{22}{7} \times 56 \times 56=9856 \mathrm{~m}^{2}$
149. 1; LCM of 27,9 and 36 will be 108 .
$\therefore$ They will meet again at the starting point after $108 \mathrm{~s}=$ 1 min 48 s.
150. 3 ; Total children present $=250$.

Each child got one sweet extra.
$\therefore$ extra sweets distributed $=250$
$\therefore$ Share of each child $=\frac{250}{50}=5$

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These 250 sweets were distributed among 50 children. $\therefore$ Total sweets $=300 \times 5=1500$
Alternative Method:
Let the number of sweets be x .
Now, according to the question,

$$
\frac{x}{250}-\frac{x}{300}=1
$$

These 250 sweets were distributed among 50 children.
$\therefore$ Total sweets $=300 \times 5=1500$
Alternative Method:
Let the number of sweets be x .
Now, according to the question,
$\frac{\mathrm{x}}{250}-\frac{\mathrm{x}}{300}=1$
$\therefore \frac{\mathrm{x}}{5}-\frac{\mathrm{x}}{6}=50$
$\therefore \frac{6 \mathrm{x}-5 \mathrm{x}}{30}=50$
$\therefore \mathrm{x}=30 \times 50=1500$
$\mathbf{1 5 2 . 5}$
151. 3

| 156. 4 |
| :--- |
| 161. 3 |

$$
\therefore \frac{x}{5}-\frac{x}{6}=50
$$

$$
\therefore \frac{6 x-5 x}{30}=50
$$

$$
\therefore \mathrm{x}=30 \times 50=1500
$$

151. 3
152. 4
153. 3
154. $5 \quad 153.2$ 157. 5 158. 2 162. 3 163. 3
155. 1
156. 4
157. 2
158. 4
159. 5 165. 2

| 166. 5 | 167. 1 | 168. 1 | 169. 3 | 170. 4 |
| :---: | :---: | :---: | :---: | :---: |
| 171. 5 | 172. 3 | 173. 2 | 174. 2 | 175. 4 |
| 176. 4 | 177. 5 | 178. 3 | 179. 2 | 180. 4 |
| 181. 1 | 182. 5 | 183. 1 | 184. 2 | 185. 4 |
| 186. 2 | 187. 2 | 188. 4 | 189. 1 | 190. 1 |
| 191. 1 | 192. 2 | 193. 3 | 194. 1 | 195. 5 |
| 196. 3 | 197. 3 | 198. 1 | 199. 4 | 200. 5 |
| 201. 5 | 202. 2 | 203. 1 | 204. 1 | 205. 2 |
| 206. 2 | 207. 2 | 208. 3 | 209. 4 | 210. 2 |
| 211. 1 | 212. 5 | 213. 5 | 214. 2 | 215. 1 |
| 216. 4 | 217. 2 | 218. 2 | 219. 5 | 220. 2 |
| 221. 2 | 222. 2 | 223. 4 | 224. 2 | 225. 4 |
| 226. 1 | 227. 1 | 228. 2 | 229. 5 | 230. 1 |
| 231. 1 | 232. 4 | 233. 4 | 234. 2 | 235. 3 |
| 236. 3 | 237. 5 | 238. 1 | 239. 1 | 240. 2 |
| 241. 4 | 242. 2 | 243. 3 | 244. 5 | 245. 5 |
| 246. 2 | 247. 1 | 248. 5 | 249. 5 | 250. 1 |

