## Test I Reasoning Ability

1. From a point, Rajneesh started walking towards east and walked 35 m . He then turned towards his right and walked 20 m and he again turned right and walked 35 m . Finally, he turned to his left and walked 20 m and reached his destination. Now, how far is he from his starting point?
(a) 50 m
(b) 55 m
(c) 20 m
(e) None of these
2. Rama remembers that she met her brother on Saturday, which was after the Xothey of a particular month. If the 1 st day of that month was Tuesday, then on which date did Rama meet her brother?
(a) 23rd
(b) 24th
(c) 25th
26th
(e) None of these
3. How many pairs of letters are there in the word FORGOTTEN have as many letters between them in the word as in the English alphabet?
(a) More than 3
(b) None
(c) 1
(d) 2
(e) 3
4. In a certain code language, (a) 'jen topee' means 'gold horning', (b) 'sao seng' means 'very good', (c) 'sao seng nus' means 'very and good'. Which of the following represents 'ald' in the language?
(a) nus
(b) seng
(c) topee
(d) Cannot be determined(e)None of these
5. Rajesh is tenth from one end and ninth the other end of a row of students. How many students are there in the row?
(a) 18
(b) 20
(c) 19
(d) 21
(e) None of these

(a) 20
(c) 52
(d) 12
(e) None of these

6. Manish remembers that his father had called him after the 16th but before the 21st of the month, while Suresh remembers that father had called after the 19th but before the 22nd. On which date had father called?
(a) 10th
(b) 17 th
(c) 20th
(d) 19th
(e) None of these
7. What will be the middle digit of the number that comes in the middle after arranging the following numbers in the descending order?
789, 723, 659, 595, 713, 785, 689
(a) 7
(b) 1
(c) 3
(e) 2
8. A school must have
(a) Building
(b) Students
(c) Hostel
(e) Telephone
9. If ' + ' means '", ' - ' means ' $\div$ ', ''’ means ' - ' and $\div$ means ' + ', thenthat will be the value of $12 \div 48-8$ ' $4+4=$ ?
(a) 8
(b) 4
(c) 20
(e) None of these
10. In certain code, CORPUS is written as EMTNWQ. How isfoDDER written in that code?
(a) VFMBGP
(b) VMGFBP
(c) 18 PFBGP
(d) VMFBGP
(e) None of these
11. If the second half of the following alphabet series is arranged in the reverse order, which letter will be nineth letter to the right of the ninth letter counting from the left end?
ABCDEFGHIJKLMNOPQRSTUWXYZ
(a) I
(b) F
(c) V
(d) W
12. Introducing Rajesh, Neha said, His brother's father is the only son of my grandfather. How is Neha related to Rajesh?
(a) Sister
(b) Daustater
(c) Mother
(d) Niece
(e) None of these
13. Four of the following fiveargatike in a certain way and so form a group. Which is the one that does not belong to the group?
(a) Kanpur
(c) Dispur
(d) Kolkata
(e) Jaipur
Chennai
14. Which of the following will come in place of the question mark (?) in the following letter series?

BXD, EUG, HRJ, ?
(a) LOM
(b) KON
(c) IOM
(d) Cannot be determined(e)None of these
16. Introducing Suman, Sarla said, 'Her mother is the only daughter of my mother.' How is Sarla related to Suman?
(a) Nephew
(b) Sister
(c) Cousin
(d) Grandmother
(e) None of these
17. Four of the following five are alike in a certain way and so form a group. Whieh is the one that does not belong to the group?
(a) 19
(b) 29
(c) 59
(e) 79
18. How many 9 s in the following number sequence are immediately preceded

23 and also followed by 3?
2935739239139363932934393793
(a) 1
(b) 2
(c) 3
(d) 4
(e) More than 4
19. Sudha's rank from the bottom of a class of 31 students is 11 t 8 . hat is her rank from the top?
(a) 21 st
(b) 22nd
(c)
(d) 19th
(e) 11th
20. As TELEVISION is related to NEWS, TELEPHONE s related to
(a) Communication
(b) Number
(e) Wire

(d) Dialing

Direction (Q 21-25): There are many fund incidents related to different walks of life. One of the features of the funny incidents is the punch line or a climax-which givgs the incident a sudden transformation or twist (into something unexpected). It is this punch line which makes the incident funny . ${ }^{\circ}$ each of the following questions an incident is described but the punch line is missingindicated by a blank. After each ingicent, two statements are given. Consider the incident, and decide which of the two statements fits as a punch line.

Answer 'Only I', if only btatement I fits; answer 'Only II’, if only statement II fits; answer 'Both with contrasting ideas', if both statements I and II fit but the ideas or the wavelength of approach in both the statements is different and contrasting; answer 'Both
with same idea', if both the statements I and II fit and the wavelength of approach in both the statements is more or less the same; and answer 'Neither', if you think that neither of the statements fits.
21. Seeing a boy in the class crying, the teacher asked, "Why are you crying." The boy replied,
I. I cry whenever I don't laugh.
II. I am crying because I have nothing else to do.
(a) Only I
(b)Both with same idea
(c)Neither I nor II
(d) Only II
(e) Both with contrasting ideas

22. Seeing a man smoking in the railway compartment, his co-passenger told hirki should stop smoking, otherwise you will get cancer." The smoker replied, "..."
I. Well, I am in-charge of the cancer detection centre of the city I live
II. I was detected for suffering from cancer twenty years back.
(a) Only I
(b) Only II
(c) Both with same idea
(d) Both with comtrasting ideas
(e) Neither
23. A man was advising his friend, "Remember, you should rever because..."
I. You will never become a robber.
II. That is the only way to avoid entering in business.
(a) Both with same idea
(b) Both with contrasting ideas
(c) Neither
(d) Only I
(e) Only II
24. On returning home from office one day, a,man said to his wife, "I am not going to office from tomorrow because..."
I. I have decided to swap our daiff routines.
II. I have been put under house afrest.
(a) Neither
(b) Only I
(c) Only II
(d) Both with same idea
25. A person, who consumed alcohol regularly, told his friend, "I don't take bath on Thursdays because..."
I. I take bath only when I am drunk.
II. It is a dry day.
(a) Both with contrasting ideas
(b) Both with same idea
(c) Only II
(e) Only I

Direction (Q 26-30): In each of these questions, a statement is given followed by chre corses of action. A course of action is a step or administrative decision to be taken for improvement, follow up, or further actionnregard to a problem or policy. On the basis of the information given in the statement, assume everything in the statement to betruednd decide which of the three given statements is true, which of the three given suggested courses of action logically follow(s) and which of the alternatives is the correct answer?
26. Statement: Drinking water supply to Navi Mumbai has been suspended further orders from the Maharashtra Pollution Control Board, following pollution of the Patalganga river, caused by the discharge of effluents from some chemical industries.
Course of action:
I. The industries responsible for discharging effluents into the river should be asked to close down immediately.
II. The river water should immediately be treated chemid before resuming supply.
III. The Pollution Control Board should check the netune of effluents being discharged into the river by industries at regular intervals.
(a) All follow
(b) None follow (c) Only I follows
(d) Only II and III follow (e) Only II follows
27. Statement: The vehicular traffic haS increased so much in the recent past that it takes at least two hours to travel between the city and the airport during peak hot

## Courses of action:

I. Non-airport bound vehiclessfould not be allowed to ply on the road connecting the city and the airport.
II. The load of vehicular traffic sliould be diverted through various link roads during peak hours.
III. The departure and arriva of flights should be regulated so as to avoid congestion during peak hours.
(a) All follow
(b)
and II follow
(c)Only I follows
(d) Only II follows
(e) None follow
$+1$
-
28. Statement: A devastating earthquake has ravaged the city, killing hundreds of people and rendering many more homeless.

Courses of action:
I. The entry of outsiders into the city should be stopped immediately.
II. The civic administration should immediately make alternate temporary housing arrangement for the victims.
III. The affected people should immediately be shifted to a safer place.
(a) Only I follows
(b) Only II and III follow
(c) Only III follows
(d) Either II or III follows
(e) None follow
29. Statement: Due to cancellation of a huge export order for not adhering to the frame, the company is likely to incur losses in the current financial year.
Courses of action:
I. The officer-in-charge of production should be immediately suspended.
II. The goods manufactured for the export order should be sold to another party.
III. The company should change its machinery to maintain the tme frame.
(a) All follow
(b)None follows
(c) Only and II follow (d) Only II follows
(e) None follow
30.Statement: The University Grants Commission has anmended that the primary level admission to government and governmentaided schools should be done purely by random selection and not by admission tests. This is necessary as the number of admission seekers are much more than the a ailbble seats.
Courses of action:
I. The government should set up an wapendent body to regulate that primary schools to follow the same practice as well.
II. The government should set up independent body to regulate the primary level admissions.
III. The schools should be asked tp-select students only from those who stay in the neighbouring areas of the school.
(a) None follows
(b)Only 1 and III follow
(e) Only I follows
(c)Only I and II follow
(d)Only II follows

31. If REACH is coded as 13579 and HOME is coded as 2468, how is ARCOHE coded as?
(a) 517489
(b) 571498
(c) 517498
(d) 517948
(e) 517894
32. If SETTLE is coded as 135593 and DOWN is coded as 2467 , how is DOELW coded as?
(a) 24639
(b) 24396
(c) 24369
(d) 24936
(e) 23469
33. If COUNTRY is coded as 1357924 and CODE is coded as 1368 , Oy is entry coded?
(a) 87294
(b) 87942
(c) 87924
(d) 87249
(e) 87429
34. If - means $\mathrm{x},+$ means $\div$, x means + and $\dot{\boldsymbol{\lambda}}$ mean
$4-14+7 \times 10 \div 3=$ ?
(a) 17
(b) 23
(c) 15
(d) 19
(e) None of these
35. If GRASP is coded as TIZHK, what will be coded as OVTZXB?
(a) LEGATE
(b) LEAGUE
(c) LEGACY
(d) LEDGER
(e) LGECRA
36. If per, gre, ger denotes 'roses are red', her, pre, hre, per denotes 'my house is big' włtatarés favourite mean?
(a) her
(b) pre
(c) per
(d) hre
(e) ger
37. If ner, gre, nre, ger denotes" our village is big' per nre, lre,pre ler del厄tes "a city has big buildings' and ter, gre, her, ger denotes'our principal is strict, what does 'village' denote?
(a) ner
(b) ger
(c) gre
(d) nre
(e) Ire
38. If 193 denote 'caste and religion' 798 denotes' belong which religion' and 2486 denote 'she belongs to me', what does 'which' mean?
(a) 8
(b) 7
(c) 9
(d) 2
(e) 1

39 .If 813 denotes 'how are you' 248 denotes 'you and me', 835 denotes 'are you mad', how does 'how' mean?
(a) 1
(b) 3
(c) 8
(d) 2
(e) 4
40.If 278 denotes 'Hindi is language' 9475 denotes 'she knew German language' and 814deriotes 'is she mad' , what does 'Hindi' mean?
(a) 2
(b) 8
(c) 7
(d) 4
(e) 9
41. If the word MARCH is written as HCRAM, then what doeshLBAC stand for?
(a) TABLE
(b) CABLE
(c) APRIL
(d) RANES (e) AUGUST
42. In a certain code, PROSE is written as PPOQE. HaN yould LIGHT be written in that code?
(a) LIGHT
(b) LGGHT
LGGFT
(d) JIEHR
(e) LKKME
43. In a certain code, ROAD is written as URDC. How is SWAN written in that code?
(a) VXDQ
(b) VZDQ (c)
VZCQ
(e) UVQD
44. In a certain code CHEMISTRY is written as NFIDITUSZ. How is BEANSTOCK written is that code?
(a) CFBOSLDPU
(b) CFBGSUPDL(c)OBFCSUPDL (d) OBFCSLDPU
(e) None of these
45. Four of the following fivearg atike in a certain way and so form a group. Which is the one that does not belong to the group?
(a) 131
151
(c) 181
(d) 171
(e) 161
46. If only the consonants in the word MEAT are changed in such a way that each of them becomester in the English alphabet and the remaining letters are kept unchanged, then how many meaningful words can tormed with the new set of letters using each letter only once in a word?
(a) None
(b) 2
(c) 3
(d) 1
(e) None of these
47. A, B, C, D and E when arranged in descending order of their weight (from top), A beeomes third, E is between D and A. C and D are not at the top. Who among them is the second?
(a) C
(b) B
(c) E
(e) None of these
(c) E
48. Four of the following five are alike in a certain way and so form a groupdbich is the one that does not belong to the group?
(a) Anxiety
(b) Anger
(c) Sorrow
(e) Feeling
49. Four of the following five are similar in relation to their posif1 in the English alphabet and hence form a group. Which one does not belong to the group?
(a) GIQ
(b) BDW
(c)
(d) FHS
50. I. 'A * B' means 'A is the sister of $B$ '.
II. 'AOB' means ' $B$ is the mother of $A$ '.
III. ' $A+B$ ' means ' $A$ is the father of $B$ ' IV. ' $A=B$ ' means ' $B$ is the father of Which of the following means ' M is the maternal uncle of N '?
(a) $\mathrm{M}=\mathrm{P}+\mathrm{Q} * \mathrm{~N}$
(b) $\mathrm{N}+\nrightarrow \mathrm{Q} * \mathrm{M}$
(c) $\mathrm{N}^{*} \mathrm{POQ}^{*} \mathrm{M}$
(d) $\mathrm{M}+\mathrm{Q}=\mathrm{PON}$
(e) None of these


## Test II Numerical Ability

51. If we write the numbers from 1 to 201, what is the sum of all the odd numbers?
(a) 99
(b) 101
(c) 103
(d) 200
(e) None of these
52. What is the difference between the largest and the smallest number written with all the four digits 7,3 ,
1 and 4 ?
(a) 7,645
(b) 2,222
(d) 2,032
(e) None of these
53. Find the least number which when added to 3,000 becomes a
(a) 17
(b) 13
(d) 21
(e) 22
(c) 27
54. The difference between the place values of 7 in the $5,74,873$ is
(a) 69,930
(b) 59,980
(d) 70,305
(e) 60,230
55. $106 \times 106+94 \times 94=$ ?
(a) 21,032
(b) 20,032
(d) 20,072
(e) 23,632
56. What is the total number of prinpenumbers less than 70 ?
(a) 17
(b) 18
(c) 19
(d) 20

57. If $x^{*} y=(x+2)^{2} \cdot(y-2)$, then the value of $7 * 5$ is
(a) 175
(b) 205
(c) 213
(d) 243
(e) 302
58. Find the greatest number of six digits, which on being divided by 6, 7, 8, 9 and 10 leaves $4,5,7$ and 8 as remainder, respectively.
(a) $9,97,920$
(b) $9,97,918$
(c) $9,98,918$
(d) $9,99,918$
(e) 3,20,133
59. A heap of stones can be made up into groups of 21. When made up into groups of 16, 20, 25 and 45 , there are 3 stones left in each case. How many stones at least can there be in the heap?
(a) 2,403
(b) 3,603
(d) 7,203
(e) 3,630
60. The number of half-pound packages of tea that can be weighted gut of a box that holds 10.5 lb of tea is
(a) 21
(b) 20
(d) 10
(e) 30
61. The population of a town was 54,000 in the last dengus. It has increased $2 / 3 \mathrm{rds}$ since then. Its present population is
(a) $1,08,000$
(b) 90,000
(d) 36,000
(e) 80,000
62. Find the average of square of naturablumbers till 7 .
(a) 19
(b) 20
(d) 17.5
(e) 18
(c) 18.5
63. A reduction of $20 \%$ in thepfice of apples would enable a purchaser to get 2 dozen more for Rs 5 . Find the reduced price per dozen.
(a) 50 paise
(d) 60 paise
(c) 40 paise
(d) 55 paise
(e) 50 paise
64. In a school, $20 \%$ of the scholars are children under 5 years. The number of girls above 5 years is 23 the number of boys above 5 years and amounts to 64 . Find the numer of scholars in the school.
(a) 250
(b) 300
(c) 350
(d) 200
(e) 400
65. Rs 120 is divided among A, B and C such that A's share is Rs 20 more than B's and R 20 less then C's. What is B's share?
(a) Rs 10
(b) Rs 15
(c) Rs 20
(d) Rs 25
(e) Rs35
66. A box containing Rs 180 consists of one rupee, 50 paise and 25 paise comp in the proportion of $2: 3: 4$. What is the number of 50 paise coins?
(a) 120
(b) 150
(c) 180
(d) 240
(e) 330
67. A reduction of $40 \%$ in the price of bananas would enable the to obtain 64 more for Rs 40 . What is the reduced price per dozen?
(a) Rs 2
(b) Rs 2.50
(d) Rs 3.50
(e) Rs 320
68. I lose $9 \%$ by selling pencils at the rate of 15 revpee. How many for a rupee must I sell them to gain $5 \%$ ?
(a) 12
(b) 13
(d) 15
(e) 16
69. I bought two calculators for Rs, 480 . $\Phi$ sold one at a loss of $15 \%$ and the other at a gain of $19 \%$ and then I found that both the calculators were sold at the serice. Find the cost of the calculator sold at a loss.
(a) Rs 225
(b) RS 250
(c) Rs 280
(d) Rs 300

70. When the rate of interest in a bank is reduced from $5 \%$ to $4 \%$ a man deposits Rs 2,000 and his annual income remains the same. Find the original deposit.
(a) Rs 9,500
(b) Rs 9,000
(c) Rs 8,000
(d) Rs 1,000
(e) Rs 8,500

71. A money lender finds that due to a fall in the rate of interest from $13 \%$ to $12 \%$ his yearly meome diminishes by Rs 104. What is his capital?
(a) Rs 20,000
(b) Rs 20,300
(c) Rs 20,500
(d) Rs 20,800
(e) Rs 30,000
72. Divide Rs 3,903 between A and B so that A's share at the end of 7 yearspryy equal B's share at the end of 9 years, compound interest being at $4 \%$.
(a) Rs 2,028 , Rs 1,875
(b) Rs 2,000 , Rs 1,805
(c) Rs 2,050 , Rs 1,900
(d) Rs 2,100, Rs 1,900
(e) None of these
73. A man borrows Rs 3,000 at $10 \%$ compound rate of interesAy the end of each year he pays back Rs 1,000 . How much amount should he pay at the end of the third year to clear all hiselaes?
(a) Rs 1,500
(b) Rs 1,550
(d) Rs 1,683
(e) Rs 2,500
74. What rate per cent does a man get for his prome when in discounting a bill due 10 months hence; he deducts $4 \%$ of the amount
of the bill?
(a) $5 \%$
(b) $6 \%$
(d) $4 \%$
(e) $8 \%$
75. A bill is discounted at $5 \%$ pe arymum If machine A can produce 1,000 packs in 4 hours and machine B can produce 1,000 packs in 5 hours, in how mapy hours can machines A and B, working together at these constant rates, produce 1,000 packs?
(a) 2 hours
( ( $)$ Hore than 2 hours
(c) Less than 2 hours
(d) 3 hours
e) Cannot be calculated
76. X can do a piece of work in 12 days and Y in 10 days, but with the help of Z they can fi nish the work in 4 days. Z alone can do the work in how many days?
(a) 10 days
(b) 12 days
(d) 19 days
(e) 16 days
(c) 15 days
77. Two places A and B are 162 km apart. A train leaves A for B and at the same time anothertrain leaves B for A. The two trains meet at the end of 6 hr . If the train bevelling from $A$ to $B$ travels $8 \mathrm{~km} / \mathrm{hr}$ faster than the other, find the speed of the two trains.
(a) $15 \mathrm{~km} / \mathrm{hr}$
(b) $16.5 \mathrm{~km} / \mathrm{hr}$
(c) $17.5 \mathrm{~km} / \mathrm{hr}$
(d) $18 \mathrm{~km} / \mathrm{hr}$
(e) $20 \mathrm{~km} / \mathrm{hr}$
78. Two trains 108 m and 112 m in length are running towards each other opayallel lines at a speed of $45 \mathrm{~km} / \mathrm{hr}$ and $54 \mathrm{~km} / \mathrm{hr}$, respectively. How long will it take them to cross each other after the, mge?
(a) 10 sec
(b) 8 sec
(d) 6 sec
(e) 12 sec
(c) 7 sec
79. The ratio between a two-digit number and the sum of the digits of that number is $4: 1$. If the digit in the units place is 3 more than the digit in the tens place, what is the number?
(a) 30
(b) 32
(d) 36
(e) 40
80. Find the value of $1+2+3+\ldots+210$.
(a) 21,255
(b) 22,155
(d) 22,255
(e) 23,302
81. Find the value of $1^{2}+2^{2}+3^{2}$ д
(a) 350
(b) 380
(c) 385
(d) 390

82. The denominator of a rational number is 3 more than its numerator. If the numerator is increased by 7 and the denominator is decreased by 2 , we obtain 2 . The rational number is
(a) 38
(b) 58
(c) 78
(d) 18
(e) 30
83. The LCM of 54,90 and a third number is 1,890 and their GCM is 18 . What is the third number?
(a) 36
(b) 126
(c) 108
(d) 180
(e) 200

84 Find the least number which on being divided by 5, 6, 8, 9, 12 leaves in each case a remainder 1, but when divided by 13 leaves no remainder.
(a) 3,595
(b) 3,600
(d) 3,602
(e) 4,302
85. Three men start together to travel the same way around a circulay track of 11 km circumference. Their speeds are 4,5 and 8 $\mathrm{km} / \mathrm{hr}$, respectively. When will they meet at the starting point?
(a) 11 hr
(b) 12 hr
(d) 220 hr
(e) 30 hr
(c) 22 hr

A boy save altogether?
(a) Rs 12
(b) Rs 12.50 (c) Rs 13
(d) Rs 13.44
(e) Rs 14
87. If 314 employees filled 6,594 papers in 10 minutes, what is the number of papers filled per minute by an average employee?
(a) 2.5
(c) 2.1
(d) 2

88. If the outer radius of a metal pipe is 2.84 in and the inner radius is 1.94 in , the thickness of the metal is
(a) 0.75 in
(b) 0.80 in
(c) 0.90 in
(d) 0.95 in
(e) 0.60 in
89. The average age of a husband, his wife and son 3 years ago was 27 years and that of his Nifg and son 5 years age was 20 years. What is the husband's present age?
(a) 32 years
(b) 35 years
(c) 37 years
(d) 40 years
(e) 45 years
90. Of the three numbers, second is twice the first and is also thrice the third. If the average of the three numbers is 44 , the largest numbers is
(a) 24
(b) 36
(c) 72
(d) 108
(e) 120
91. If $a, b, c, d$, $e$ are five consecutive odd integers, what is their average?
(a) $a+4$
(b) $a b c d e / 5$
(d) $a+8$
(e) $b+6$
92. The population of six villages is $803,900,1,100,1,023,945$ and 980 . What is the population of the seventh village if the average population of seven village is 1,000 ?
(a) 1,249
(b) 1,429
(d) 1,349
(e) 2,120
93. The average salary of 20 workers in office is Rs 1,900 per month. If the manager's salary is added, the average becomes Rs 2,000 per month. The manager's salary (in Rupees) is
(a) 24,000
(b) 25,250
(c) 45,600
(d) 25,000
(e) Ngne of these
94. The population of a town increases from 70,000 to 71,050 . What is the percentage increase?
(a) 1
(b) 2
(c) 2.5
(d) 1.5
(e) 3.5
95. Ram and Mohan appeared in an examination. If the difference in their marks is 60 and percentage difference in their marks is 30, find the full marks for which the examination has been held.
(a) 200
(b) 100
(c) 300
(d) 400
(e) 500
96. $25 \%$ of a number is 20 . What is $40 \%$ of that number?
(a) 30
(b) 32
(c) 35
(d) 31
(e) 36
97. The banker's gain on a bill due 1 year hence at $5 \%$ is Re 1. Theyrue discount is
(a) Rs 15
(b) Rs 20
(d) Rs 5
(e) Rs 30
98. Rs 1,900 is divided between A, B and C such that 's share is $3 / 2$ is $B$ 's share and B's share is $3 / 2$ of C's share. Find C's share?
(a) Rs 800
(b) Rs 420
(d) Rs 900
(e) Rs452
99. The number that must be added to eaderm of the ratio $25: 37$ to make it equal to the ratio $5: 7$ is
(a) 35
(b) 36
-
(c) 45
(d) 53
(e) 50
(c) Rs 25

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(a) $3 \%$
(b) $4 \%$
(c) $5 \%$

## Test III Clerical Aptitude

Direction (Q 101-130): In each of the question below a combination of name and address is give the first column at the left followed by four such combinations one each under the columns (a), (b), (c) and (d) the nunfter of that column which contains that combination is the answer. If all the combinations are different, the answer is (e).

| 101. | Harjinder Kaur VPO Jattpuraraikot Hubli 142032 | Harjinder Kaur VPO Jattpuraraikot Hubli 142031 | Harjinder Kaur VPO Jattpuraraikot Hubli 142032 | Uarjinder Kaur <br> VP Jattpuraraikot <br> Hubli 142032 | Harjinder Kaur VPO Jattpuraraikot Hubli 142012 | None |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 102. | Mohinder Singh Vill Bhumalpo Sidhwan Kaithal 142033 | Mohinder Singh Vill Bhumalpo Sidhwan Kaithal 142031 | Mohindesipgh <br> Bhum@pgsidhwan <br> Kaitma 142023 | Mohinder Singh Bhumalpo Sidhwan Kaithal 142033 | Mohinder Singh Vill Bhumalpo Sidhwan Kaithal 142033 | None |
| 103 | Charnjit Singh <br> Vill Bhumalpo <br> Deoband 142033 | Charnjit Singh Vill Bhumalpo Sidiwán Deoband 14203y | Charnjit Singh Vill Bhumalpo Sidhwan Deoband 142023 | Charnjit Singh <br> Vill Bhumalpo <br> Deoband 142033 | Charnjit Singh Bhumalpo Sidhwan Deoband 142033 | None |



| $\mathbf{1 0 9}$ | Gurcharan Singh <br> Nathowalraikot <br> Bhind 141108 | Gurcharan Singh <br> Nathowalraikot <br> Bhind 141111 | Gurcharan Singh <br> Nathowalraikot <br> Bhind 141109 | Gurcharan Singh <br> Nathowal <br> Bhind 141108 | None |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |


| 114 | Public School VPO Chhajjawalteh Mathura 142030 | Public School VPO Chhajjawalteh Mathura 142030 | Public School VPO Chhajjawalteh Mathura 142031 | Public School V Chhajjawalteh <br> Mathura 142030 | Public School y Chhajjawalteh Mathura 142029 | None |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 115 | Shamsher Singh VPO Pherurianteh Rai Kausa 142023 | Shamsher Singh VPO Pherurianteh Rai Kausa 142025 | Shamsher Singh Pherurianteh Rai Kausa 142047 | Shamsher Singh Pheruriantef Rai Kausa_1580:23 | Shamsher Singh Pherurianteh Rai Kausa 142021 | None |
| 116 | Kuldeep Singh VPO Pherur Ain.teh Rkt 142023 | Kuldeep Singh VPO Pherur Ain.teh Rkt 142023 | Kuldeep Singh VPO Pherur Ain.t Rkt 142021 | Quldeep Singh <br> Pherur Ain.teh Rkt 142023 | Kuldeep Singh VPO Pherur Ain. Rkt 142023 | None |
| 117 | Balour Singh <br> Kothe Ponajagraon Meerut 142026 | Balour Singh Kothe Ponajagraon Meerut 142012 | Balour Sing <br> Kothe Ponajggraon Meeru 142026 | Balour Singh Ponajagraon Meerut 142026 | Balour Singh <br> Kothe Ponajagraon <br> Meerut 142014 | None |
| 118 | S. Manna Singh Bassian Betjagraon Rewa 142026 | S. Manna Singh Bassian Betjagrao Rewa 142014 | s.Manna Singh Betjagraon Rewa 142026 | S. Manna Singh . Bassian Betjagraon Rewa 142026 | S. Manna Singh Bassian Betjagraon Rewa 142126 | None |
| 119 | Gurpreet Singh VPO Chakkarpatti Ropar 142023 | Gurpreet singh VPO Chnakkarpatti Ropar 142023 | Gurpreet Singh V Chakkarpatti Ropar 142023 | Gurpreet Singh VPO Chakkarpatti Ropar 112451 | Gurpreet Sandhu VPO Chakkarpatti Ropar 142023 | None |


| 120 | Mr. Gurmeet Singh . Hathurpatti Kathua 141108 | Mr. Gurmeet Singh . Hathurpatti Kathua 141147 | Gurmeet Singh Hathurpatti Kathua 142108 | Gurmeet Singh Hathurpatti Kathua 141108 | Gurmeet Bajwa Hathurpatti Kathua 141108 | None |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 121 | S. Paramjit Singh VPO Bassian Bet Via Deoghar 142023 | S. Paramjit Singh VPO Bassian Bet Via Deoghar 142021 | S. Paramjit Singh VPO Bassian Bet Via Deoghar 142025 |  | S. Paramjit Singh VPO Bassian Bet Via Deoghar 142023 | None |
| 122 | Hari Singh VPO Chakkarjgnmallah Cuttack 142023 | Hari Singh VPO Chakkarjgnmallah Cuttack 142017 | Hari Singh V Chakkarjgnmallah Cuttack 142023 | Hyti Singh V Chakkarjgnmallah Cuttack 142073 | Hari Singh V Hakkargnmallah Cuttack 142023 | None |
| 123 | Smt Basant Kaur Vill. Rauwa Bidar 142026 | Smt Basant Kaur Vill. Rauwa Bidar 142026 | Smt Basant <br> Rauwa <br> Binar 42026 | Smt Basant Kaur Vill. Rauwa Bidar 142147 | S. Basant Singh Vill. Rauwa Bidar 142026 | None |
| 124 | Bir Singh S Rulda Singh <br> VPO Mandiani.raikot Sugavi 142023 | Bir Singh VPO Mandiani.ra Sugavi 142023 | Bir Singh S Rulda Singh VPO Mandiani.raikot Sugavi 142024 | Bir Singh S Rulda Singh VPO Mandiani.raikot Sugavi 142023 | Bir Singh S Rulda Singh V Mandiani.raikot Sugavi 142023 | None |


| 125 | Smt Sham Kaur Vill. Rauwal Mandi 142026 | Smt Sham Kaur Vill. Rauwal Mandi 142014 | Smt Sham Kaur Vill. Rauwal Mandi 142026 | Smt Sham Kaur V Rauwal <br> Mandi 142026 | S Sham Singh Yill. Rauwal Mandi 142026 | None |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 126. | Major Singh Buttar S/o Dilbara Singh 278nr Kakkar Mariage Palace Ooty 142 | Major Singh Buttar S/o Dilbara Singh <br> 2 nr Kakkar Mariage Palace Ooty 142026 | Major Singh Buttar S/o Dilbara Singh 278nr Kakkar Mariage Palace Ooty 142023 | Major Singh Buttar S/o Dilban Stirgh 128nr Kakkar Maniage-palace | Major Singh Buttar Dilbara Singh 278nr Kakkar Mariage Palace Ooty 142026 | None |
| 127 | Gurmail Singh Patti Bada Near Police Kittur 142026 | Gurmail Singh Patti Bada Near Police Kittur 142023 | Gurmail Singh Patti Bada Kittur 142026 | Gurmail Singh <br> Patti Bada Near <br> Police <br> Kittur 142026 | Gurmail Kaur Patti Bada Near Police Kittur 142026 | None |
| 128 | Sh Gurcharan Singh Vill Galib Kalanpatti Jagroan 141001 | Sh Gurcharan Singh Vill Galib Kalanpatti Jagroan 141001 | Sh Gujcharan Singh *Vill Galib Kalanpatti Vagroán 141012 | Sh Gurcharan Singh Galib Kalanpatti Jagroan 141001 | Gurcharan Singh Vill Galib Jagroan 141001 | None |
| 129 | Gursharan Singh VPO Sidhwan Betpin Dholpur 140105 | Gursharan Singh VPO Sidhwam Betpin Dholpur 14ON0 | Gursharan Singh Sidhwan Betpin Dholpur 140105 | Gursharan Singh V Sidhwan Betpin Dholpur 140105 | Gursharan Singh VPO Sidhwan Betpin Dholpur 140105 | None |


| 130 | Balwinder Singh Sivia <br> Kothe Nanaksaragwar <br> Badal 142026 | Balwinder Singh Sivia <br> Kothe Nanaksaragwar <br> Badal 142124 | Balwinder Singh Sivia <br> Kothe Nanaksaragwar <br> Badal 142026 | Balwinder Singh <br> Kothe Nanaksaragwar <br> Badal 142026 | Balwinder Singh Sivia <br> Yanaksaragwar | None |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Badal 142026 |  |  |  |  |  |  |

Direction (Q131-135): In each question below five words are given. Which of them will come at the fourth place if all of them are arranged alphabetically as in a dictionary?
131.
(a) agent
(b) agitator
(d) agonist
(e) agape
(c) aggregate
132.
(a) dabble
(b) dactyl
(d) dacoit
(e) damnable
(c) daisy
133.
(a) percussion
(b) perceptive
(d) peregrine
(e) perforce
134.
(a) gauge
(b) gasket
(d) gazette
(e) gauze
135. (a) callow
(b) callous
(d) callus
(e) caliber

Direction (Q136-140): The numbers ineaclpquestion below are to be codified as per the following letter codes:


You have to find out whichofthe answer (a), (b), (c) or (d) has the correct coded form of the given letters and indicate it on your answer sheet. If none is correct coded form mark (e), i.e., none of these, as answer and indicate it on your answer sheet.
136. 452871
(a) FABDEI
(b) FEHIJC
(d) FEHBCI
(e) none of these
(c) FABCDI
137. 980245
(a) ABJHFE
(b) ABCDEF
(c) ABIJDC
138. 143025
(a) ABCDEF
(b) IJEFAB
(d) $I J A B C D$
(e) none of these
139. 652480
(a) DABEFI
(b) DEABCI
(d) DEIABC
(e) none of these
140. 012345
(a) ABCDEF
(b) JIHGFE
(d) DCABIJ
(e) none of these

Direction (Q141-145): The numbers in each question below are to be codified as per the following letter codes:

| Numbers | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 8 | 9 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Codes P | E | F | G | H | I | J | Q | R | W |  |

You have to find out which of the answer (a), (b), (c) or (d) has the correct coded form of the giyen Jetters and indicate it on your answer sheet. If none is correct coded form mark (e), i.e., none of these, as answer and indicate it your answer sheet.
141. 108976
(a) JPEFGH
(b) JIHGPE
(c) JQWPEF
(d) JQRWPE
(e) none of these
142. 543089
(a) FGHQRW
(b) FPEFGH
(c) FWRPIJ
143. 123540
(a) PEFGHI
(d) HIJPEF
(b) EFPJIR
144. 652480
(a) EFPGHI
(b) EFWRQP (c) EFIGRQ
(d) EFIJRW
(e) none of the
145. 897650
(a) RWPEFI
(b) RURPFFQ
(c) RWJQPE
(d) RWIJGH
(e) nope of these


Direction (Q 146-150): The news item in each question below is to be classified into one of the following five areas.
146. Environmental pollution and diabetes may be linked
(a) Politics
(b) Science and Health (c) Sports
(d) Social issues
(e) Economics and Commerce

147 Hopes of rate cut drive up auto stocks
(a) Politics
(b) Science and Health (c) Sports
(d) Social issues
(e) Economics and Commerce

148 Hockey team in a stinker
(a) Politics
(b) Science and Health
(c)

149. Rakesh Roshan will direct another Krissh film
(a) Politics
(b) Science and Health (c)
Sports
(d) Miscellaneous
(e) Economics and Commerce
150. Benazir Bhutto Assassinated
(a) Political and Diplomatic
(b) Sciene and Health (c) Sports
(d) Miscellaneous
(e) Economics and Commerce

## Test IV English Language

Directions (Q 151-160): In this section, you have three short passages. After each passage you witinind several questions based on the passage. First, read Passage I, and answer the questions based on it. Then go on to the other passages.

Passage I
Each novel is a world by itself. It deals with the characters of varied types and temperaments. As a reader goes through the pages of a novel, he feels that he is moving on a familiar ground. When one reads the novels of Sarat Chandra or Prem Chand, one feels that one is moving about the villages of India. The writers like Sivasankar Pillai, pamalal Patel and Birendra Kumar Bhattacharya can take their readers to the hard but compassionate world. Similarly, Walter Scott) and Bankim Chandra bring a reader face to face with the gorgeous realities of history.
151. Each novel constitutes a world by itself because it tells us a dongstory.
(a) it tells us a long story
(b)
different men and women, inhabit it.
(c) it tells stories about villages.
(d) it teachesusbistory
(e) None of these
152. When a reader goes through the pages of a nover
(a) he feels that he is moving on a knownsyound.
(b) he develops a sort of imaginary ex ursion.
(c) he has a feeling of nostalgia.
(d) he feels that he is restricted a funiliar ground.
(e) None of these
153. The Author is of the opinion that
(a) the novel reading is a grdat pleasure.
(b) the novel today is most popular form of literature.
(c) Walter Scott and Bankim Chandra are great novelists.
(d) only Walter fedtt could expose the reality of history.
(e) None of these

## Passage II

It has long been known that when exposed to light under suitable conditions of temperature andmojsture, the green parts of plants use carbon dioxide from the atmosphere and release oxygen to it. These exchanges are the opposite of those which occur in respiration. The process is called photosynthesis. In photosynthesis, carbohydrates are synthesize carbon dioxide and water by the chloroplasts of plant cells in the presence of light. Oxygen is the product of the reaction Pr each molecule of carbon dioxide used, one molecule of oxygen is released. A summary chemical equation for photosynthesis

$$
6 \mathrm{CO}_{2}+6 \mathrm{H}_{2} \mathrm{O}
$$

$$
\mathrm{C}_{6} \mathrm{H}_{12} \Phi_{6}^{6}\left(\mathrm{KO}_{2}\right.
$$

154. The combination of carbon dioxide and water to form sugar results in an excess of
(a) water
(b) carbon
(c) oxygen
(d) chlorophyll
155. A process that is the opposite of photosynthesis is
(a) decomposition
(b)
(c) synthesization
(d)
diffusion
(e) transpiration
156. In photosynthesis, water
(a) must be present
(b) is stored as chemical energy
(c) is produced in carbohydrate
(d) interrupts the chemical reaction
(e) gets liberated
157. The title below that best expressed the ideas in this passage is
(a) A Chemical Equation
(b) The Parts of Vascular Plants
(c) The Process of Phgrasynthesis
(d) The production of sugar
(e) Oxygen Formation

Passage III
Ants seems to be able to be everything but think. When an individual ant is subjected to any kind of intelligence test it generally comes out of it rather badly. An ant has very little individuality and is not beset by any anti-social rges or desires as men and women so often are; there are no counterparts of police in an ant's nest because there would be nothing for them to do. Any food an ant find it shared, and it will unhesitatingly sacrifice its life if the nest is threatened. All the work it does for the community. The amazing industry and selflessness of ant has excited the admiration of man since the time of Solomef.
158. The individual ant generally comes out of the intelligence test badly becaus
(a) it is bad at taking tests.
(b) it is not used to tests.
(c) it is not equipped to think.
(d) it has examination fear.
(e) None of these
159. There is no police in an ant's nest because
(a) they are friendly creatures by nature.
(b) they never harm other ants, or create probere
(c) they do nothing at all/all day long
(d) they are harmful creatures.
(e) None of these
160. Ants are different from the human benos because unlike the human beings they
(a) are peace loving and genérouß
(b) have minds of their
(c) are anti-social
(d) have their own firdstries.
(e) None of thes

Direction (161-165): In these questions, some of the sentences have errors and some have none. Find out which part of a sentence (a), (b), (c) or (d) has an error and select your answer accordingly. If there is no error, then mark your answern (e):
161. You should avoid (a)/ to travel (b)/ in the (c)/ rush hour (d)/ No error(e).
162. There is (a)/ only one of his novels (b)/ that are (c)/ interesting (d)/ No error(e).
163. He denied (a)/ to have (b)/ been (c)/ there.(d)/ No error(e).
164. Knowledge of (a)/ at least two languages (b)/ are required (c)/ to pass the examination. (d)/ No error(e).
165. The members of the Opposition Party in the Parliament (a)/ shout upon the minister (b)/ if he makes (c)/ a wrong statement. (d)/ No error(e).

Direction (166-170): Choose the word opposite in meaning to the given word.
166. ABUNDANT
(a) short
(b) limited
(c) petty
(d) meager
(e) fixed
167. HARASS
(a) reward
(c) flatter
(b) praise
168. CHARMING
(a) insolent
(c) repulsive
169. GRUESOME
(a) attractive
(c) gracious
170. DESPIRE
170. DESPIRE $\begin{aligned} & \text { (a) appease }\end{aligned}$
(c) admire

(d) handicapped
(e) beautiful
(e) insult
(b) beneficial
(d) amicable
(e) graceful
(b) flatter
(d) appreciate
(e) gentle

Direction (171-175): Four alternatives are given for the idiom/phrase underlined in the sentence. Chome be alternative which best expresses the meaning of the idiom/phrase.
171. The student is on the verge of breakdown.
(a) on the brink of
(b) at the outset of
(c) in the midst of
(d) at the risk of
(e) None of these
172. My repeated attempts to get refund from the civic authorities were of on avaih
(a) unsuccessful
(b) postponed
(c) useless
(d) delayed
(e) None of thes
173. He was progressing by leaps and bounds because of his hardwork
(a) rapidly
(b) slowly
(c) peacefully
(d) strongly
174. To emerge out of thin air means to
(a) appear suddenly
(b) descend gradu@1)
(c) fall down quickly
(d) enter from pare
(e) None of these
175. The news of the accident came as a bolt fremere blue.
(a) something unexpected
(b) something unpleasant
(c) something horrible
(d) semething unexpected and unpleasant
(e) None of these

Direction (Q 176-185): In the following passage, some of the words have been left out. First read the passage over and try to understand what it is about. Then fill in the blanks with the help of the alternatives given.

In India, from times immemorial, there ...(176)... been a common spiritual outlook on ...(177)... th which various races and religions ...(178)... made contributions. Thus a subtle but ...(179)... thread of unity has been runing ...(180)... through the infinite multiplicity of our ...(181).... For an analytical description of Indians ...(182)... cultural heritage, in the light of ...(183)... definition give above, it would be ...(184) ... to trace her cultural history of ...(185)... thousand years
176.
(a) rather
(b) have
(c) has
(d) had
(e) having
177. (a) manner
(b) life
(c) happiness
(d) behaviour
(e) way
178.
(a) have
(b) has
(c) are
(d) is
179. (a) genuine
(c) strong
(b) serious
180. (a) out
(c) in
181.
(a) life
(c) future
182.
(a) sole
(c) common
183. (a) the
(c) new
184. (a) important
(c) required
185. (a) many
(c) vivid
(d) sincere
(b) on
(d) all (e) under
(b) fortun
(d) hope
(b) special
(e) spirit
.

(b) necessary
(d) useful
(e) crucial
(b) more
(d) several
(e) some

Direction (Q 186-190): Sentences are given with blanks to be filled in with appropriate word(s). Five alternatives are suggested for each question. Choose the correct alternative out of (a), (b), (c), (d) and (e).
186. I complimented him $\qquad$ his success in the examination.
(a) at
(b) on
(c) about
(d) for
(e) of
187. Security arrangements have been tightened up in all $\qquad$ areas.
(a) sensible
(b) sensual
(c) sensitive
(d) sensational (e) reasonable
188. The dramatist must cater $\qquad$ the taste of the audience.
(a) to
(b) over
(c) into
(d) for
189. Suitable steps are taken to bring $\qquad$ the cost of living.
(a) up
(b) over
(c) on
(d) down


If I had worked hard, I $\qquad$ very high mates in the examination.
(a) scored
(b) wouldsgove
(d) wauluhave scored
(e) will score

Direction (Q 191-195): Choose the word which is most nearly the same in meaning as the word or group of words given in capitals in each question.
191.
PUERILE
(a) childish
(b) considerate
(c) cowardly
(d) abusive
(e) scurrilous
192. ABDICATE
(a) renounce
(b) accept
(c) win
(d) lose heart


Direction (Q 196-200): In the following questions, there are six sentences marked $S_{1}, S_{6}, P, Q, R$, and $S$. The position of $S_{1}$ and $S_{6}$ are fixed. Your are required to choose one of the five alternatives given below every passage which would be the most logical sequence of the sentences in the passage
196. $\mathrm{S}_{1}$ : We do not know whether the machines are the masters or we are.
$\mathrm{S}_{6}$ : And if they don't get their meals when they expect them, they will just refuse to work.
P: $\quad$ They must be given or rather 'fed' with coal and given petrol to drink fromame 8 time.
Q: Already man spends most of his time looking after and waiting upon thepr.
R : Yet he has grown so dependent on them that they have almost becomethe hasters now.
S: It is very true that they were made for the sole purpose of being mah's servants.
The proper sequence should be:
(a) RSQP (b)
(b) RSPQ
(c)


SRQP
(e) RPSQ
197. $\mathrm{S}_{1}$ : The 'age of computers' is considered to have begun in 946 '
$\mathrm{S}_{6}$ : And now it is difficult to find a field where computers are hot used.
P: Those early computers were huge and heavy affair $\zeta$ with problems of speed and size.
Q: It was only with the introduction of electronics the computers really came of age.
R: But computers were in use long before that. $\square$
S: They had several rotating shafts and gearymirch almost always doomed them to slow operation.
The proper sequence should be:
(a) RPQS
(b)
PRSQ ${ }^{\text {人 (c) }}$
RPSQ
(D) PRQS
(e) SPQR
198. $\mathrm{S}_{1}$ : Plastic containers are being $\mu \mathrm{se}$ more and more to package soft drinks, milk, oil, fruit juices, ketchup, etc.
$\mathrm{S}_{6}$ : Yet as plastics do not decompese by bacteria or naturally in the air, they are a big threat to the environment.
P: Most people think that 垍 is is the right thing to do, as it is economical.
Q: Plastic containers arespap and light.
R: It is easier to transport materials packaged in them than in glass bottles.
S: They also invo the least transport costs.
The proper sequenceshould be:
(a) PQRS
(b) PQSR
(c)
QRSP
QSPR
(e) SPQR
199. $\mathrm{S}_{1}$ : A farmer was taking the grist to the mill in sacks.
$\mathrm{S}_{6}$ : But the farmer saw that he was none other than the nobleman.
P: It was too heavy for him to lift.
Q: On the way the horse stumbled, and one of the sacks fell to the ground.
R: Presently he saw a rider coming towards him.
S: He stood waiting till he found some body to help him.
The proper sequence should be:
(a) QPRS
(b) PRQS
(c) PSQR
(d)
QPSR
(e)
200. $\mathrm{S}_{1}$ : He could not rise.
$\mathrm{S}_{6}$ : It was colder than usual.
P: All at once, in the distance, he heard an elephant trumeet.
Q: He tried again with all his might, but to no use.
R: The next moment he was on his feet.
S: He stepped into the river.
The proper sequence should be:
(a) QPRS
(c) QPSR


| Answer Keys |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1. (b) | 35. (c) | 69. (c) | 103.(c) | 137. ( x | 171.(a) |
| 2. (c) | 36. (d) | 70. (d) | 104.(a) | 138. | 172.(c) |
| 3. (d) | 37. (a) | 71. (a) | 105.(a) | 139.() | 173.(a) |
| 4. (d) | 38. (b) | 72. (d) | 106.(b) | 140.(c) | 174.(a) |
| 5. (a) | 39. (a) | 73. (a) | 107.(e) | 141.(b) | 175.(d) |
| 6. (d) | 40. (a) | 74. (d) | 108.(a) | 142.(d) | 176.(c) |
| 7. (d) | 41. (b) | 75. (c) | 109.(d) | 143.(a) | 177.(b) |
| 8. (a) | 42. (c) | 76. (c) | 110.(b) | 144.(e) | 178.(a) |
| 9. (e) | 43. (b) | 77. (b) | 111.(c) | 145.(c) | 179.(c) |
| 10. (d) | 44. (c) | 78. (d) | 112.(a) | 146.(b) | 180.(c) |
| 11. (d) | 45. (e) | 79. (b) | 113.(b) | 147.(e) | 181.(c) |
| 12. (a) | 46. (e) | 80. (c) | 114.(\%) | 148.(c) | 182.(c) |
| 13. (d) | 47. (a) | 81. (b) | 14.5.(e) | 149.(d) | 183.(a) |
| 14. (c) | 48. (e) | 82. (b) | 119.(a) | 150.(a) | 184.(b) |
| 15. (a) | 49. (c) | 83. (c) | 17.(b) | 151.(b) | 185.(d) |
| 16. (c) | 50. (c) | 84. (c) | 118.(c) | 152.(a) | 186.(b) |
| 17. (d) | 51. (d) | 85. (d) | 119.(a) | 153.(a) | 187.(c) |
| 18. (b) | 52. (a) | 86. (d) | 120.(c) | 154.(b) | 188.(a) |
| 19. (c) | 53. (c) | 87. (c) | 121.(d) | 155.(d) | 189.(d) |
| 20. (b) | 54. (a) | 88. (c) | 122.(e) | 156.(a) | 190.(d) |
| 21. (e) | 55. (d) | 89. (d) | 123.(a) | 157.(b) | 191.(a) |
| 22. (c) | 56. (c) | 90. | 124.(e) | 158.(c) | 192.(a) |
| 23. (c) | 57. (d) |  | 125.(c) | 159.(b) | 193.(b) |
| 24. (e) | 58. (b) | (a) | 126.(b) | 160.(a) | 194.(a) |
| 25. (b) | 59. (d) | (d) | 127.(d) | 161.(a) | 195.(d) |
| 26. (d) | 60. (a) | 94. (d) | 128.(c) | 162.(b) | 196.(d) |
| 27. (d) | 61. (b) | 95. (a) | 129.(a) | 163.(a) | 197.(c) |
| 28. (b) | 62. (b) | 96. (b) | 130.(c) | 164.(b) | 198.(b) |
| 29. (d) | 63. (a) | 97. (b) | 131.(b) | 165.(a) | 199.(d) |
| 30. (a) | 64. (d) | 98. (c) | 132.(c) | 166.(d) | 200.(a) |
| 31. (c) | 65. (c) | 99. (a) | 133.(d) | 167.(d) |  |
| 32. (b) | 66. (c) | 100.(b) | 134.(e) | 168.(c) |  |
| 33. (c) | 67.10 | 101.(b) | 135.(a) | 169.(c) |  |
| 34. (c) | 68. (b) | 102.(d) | 136.(d) | 170.(c) |  |

