## Test I Reasoning Ability

1. If SITUATION is coded as 345825467 and BOSS is coded as 1433 , how is TSNQAIU is coded?
(a) 5327648
(b) 5376248
(c) 5372648
(d) 5374826
(e) 5378624
2. If ROCK is coded as 1357 and GARDEN is coded as 921468 How is donke coded as?
(a) 34876
(b) 43876
(c) 43786
(d) 43687
(e) 43179
3. If MOCK is coded as 1483 and TEACHERTs coded as 2568759, how is MORTCER coded as?
(a) 1492598
(b) 1492589
(c) 1429859
(d) 1492859
(e) 1497586
4. If A represents + , B renresents -, C represents $\times$ and D represents $\div$, then which of the following statements is true?
(a) $8 \mathrm{~B} 6 \mathrm{D} 2 \mathrm{~A} 4 \mathrm{C} 3=15$
(b) 9C9B9D9A9=17
(c) $8 \mathrm{~A} 8 \mathrm{~B} 8 \mathrm{C} 8=-48$
(d) $3 \mathrm{~A} 3 \mathrm{~B} 3 \mathrm{C} 3 \mathrm{~A} 3 \mathrm{D} 3=4$
(e) $9 \mathrm{C} 3 \mathrm{~B} 5 \mathrm{D} 4 \mathrm{~A} 2=15$
5. If in a certain language, MORALE is coded as 537492 and CHARCOAL is coded as 61476349 How RELEAM is coded in that language?
(a) 7929543
(b) 279741
(c) 729245
(d) 927945
(e) 297415
6. If lee, tee, bee stands for 'nothing will be impossible', mee, ree, lee, kee stands for 'there are nothing to eat' what is the meaning of nothing?
(a) nee
(b) bee
(c) tee
(d) kee
(e) lee
7. If grp, rps, qms, ptr stands for 'we can hear yeu', $\mathbf{N r}$, prs, grs stand for 'sunita hear noise' and pts, qms, prs, trs stand for 'you making a noise', what is the meaning of Smite?
(a) ptr
(b) grs
(c) prs
(d) grp
(e) qms
8. If 714 denotes 'play in growd' 53294 denotes 'in which class you read, 386 denotes' going botany class' What does class mean?
(a) 4
(b) 5
(c) 9
(d) 3
(e) 2
9. If 493 denotes 'holy faith books' 8192 denotes 'books are our friends' 563 denotes 'always faith God' what does holy mean?
(a) 3
(b) 4
(c) 9
(d) 8
(e) 1
10. If 329 denotes 'classes and teachers, 129 denotes 'respect your teachens' and 5974 denotes 'you and your sister' what does respect mean?
(a) 1
(b) 7
(c) 2
(d) 4
(e) 9

Direction (Q11-15): Study the following alp ha-qumerie arrangement and answer the questions given below:
B 84 CRM9NPDKWFA2EJ7 OQHLTY6GS
11. If the first half of the above arrangeinent written in reverse order, followed by the second half written in reverse order, which

(a) Y
(b)
(c) 7
(d) W
(e) None of these
12. Complete the following sequence with reference to the above arrangement: BRC, 8MR, 49M, ?
(a) CNP
(c) 4 N 9
(d) C 4 M
(e) None of these
13. Which of the following woll be the fourth to the right of the thirteenth letter/number from your right?
(a) W
(b) U
(c) F
(d) W
(e) None of these
14. If it is possible to make a meaningful word with the ninth, the sixteenth, the twenty-fourth and the twenty-eighth letters from the left in the above given series, which of the following will be the first letter of that word. If no such mord can be made, give ' X ' as the answer. If more than one such word can be made, give ' $M$ ' as the answer.
(a) X
(b) M
(c) P
(d) C
(e) None of these
15. If, beginning with 4, every alternate letter/number is dropped in the above arrangement, wheb the following will be the third to the right of the fifth letter/number from left?
(a) W
(b) U
(c) 7
(d) A
(e) None of these

Direction (Q16-19): Answer these questions with reference to the symbol-letter-rumber sequence given below: 2 P J @ 8 \$LB1V\#Q6\&GW9KCD3=f5FR7AY4
16. Which of the following indicates the total number of symbols, letters and numbers respectively that get eliminated from the sequence when every second element of the sequence from your leftis dropped?
(a) 5, 9, 7
(b) $6,7,9$
(c) $2,6,8$
(d) $5,9,1$
(e) None of these
17. How many symbols and numbers are there in the sequence whicirare either immediately preceded or followed by the letter from the first half of the English alphabet?
(a) 7
(b) 5
(c) $8 \longrightarrow$
(d) 10
(e) None of these
18. Suppose, each symbol exchanges its position with its inmedrate right symbol/letter/number. Now, how many letters are there in the sequence which are immediately followed by anumber and imediately preceded by a symbol?
(a) 0
(b) 1
(d) 4
(e) None of these
19. Four of the following five are similar in relaton their position in the above sequence and hence from a group. Which one does not belong to the group?
(a) PL\&
(b) $\mathrm{P} @ \$$
(c) VQ\&
(d) WKD
(e) None of these

Direction (Q 20-24): In the faligmug questions, three similar words have been given. Choose a suitable description for these words from the options prowide
20 . Sandy rock, Lime rock,
(a) These are made of
morphic rocks.
(b) These are chemical minerals.
(c) These are situated onthe banks of rivers.
(d) These are made of sedimentary rocks.
(e) None of these
21. Stool, Bench, Chair
(a) Furniture used for sitting
(b) Wooden furniture
(c) Furniture with a back rest
(d) Furniture with arm-rest
(b) These are bad planets.
(a) They have reverse velocity.
(d) They do not have moons.
(c) These are near the earth.
23. Horse, Elephant, Bishop
(a) These are missionaries
(c) Father/Nuns
24. Arabian, Labrador, Scandinavia
(a) Names of islets
(b) Muslim countri
(c) They have good fishing region
(d) Names of islands
(d) Category of army
25. If $6^{\prime} 17=716,13^{\prime} 56=6,531,19^{\prime} 10=191$, then $32^{\prime} 27=$ ?
(a) 4,344
(b) 1,309
(c)
. If $8^{\prime} 9=2,724,4^{\prime} 2=612,7^{\prime} 3=921$, then $6^{\prime} 8=$ ?
(a) 1,224
(b) 2,418

(d) 1,215
27. If $9^{\prime} 3+8=24,10^{\prime} 2+7=35,80^{\prime} 40+3=6$, then $1 \prime^{\prime}+3=$ ?
(a) 7
(b) 9
(d) 12
(c) 37
(d) 23
(e) None of these
(e) None of these
(e) None of these
(e) None of these
(e) None of these

Direction (Q 33-40): Finction issing number in each of the following questions:
33. 1, 4, 9, 25, 36, ... ?
(a) 48
(b) 49
(c) 52
(d) 56
(e) None of these
34. $6,11,21,36,56, \ldots$ ?
(a) 66
(b) 76
(c) 81
(d) 86
(e) None of these
35. $3,7,15,63, \ldots$ ?
(a) 92
(b) 115
(c) 127
(d) 131
36. $0,2,8,14,24,34, \ldots$ ?
(a) 48
(b) 42
(c) 40
37. 19, 2, 38, 3, 114, 4, ... ?
(a) 228
(b) 256
(c) 356
38. $2,15,41,80,132, \ldots$ ?
(a) 145
(b) 165
(c) 181
39. $2,3,8,63, \ldots$ ?
(a) 1,038
(b) 3,008
(c) 3,968
(d)

40. $840,168,42,14,7, \ldots$ ?
(a) 7
(b) 5
(c) 3
(d) 3,268
(e) None of these
(e) None of these
(e) None of these
(e) None of these
(e) None of these
(e) None of these

Direction (Q 41-48): Choose the alternative which has the samelationship as the first two pairs.
41. MOON : SATELLITE : : EARTH:?
(a) Sun
(b) Planet
42. FLOWER : BUD : : PLANT : ?
(a) Seed
(b) Fruit
(c) Galaxy
(c) Flower
(d) Asteroid
(d) Stem
(c) Warm
(c) 41
(c) Hangar
(b) Depot
(a) Airport

MIUM
HENEITE : ?
(c) Manganese
(a) Lime
(b) C
45. FROZEN : COOL : : SECNHINE: ?
(a) Damp
(b) Sóaked
46. If $\mathrm{A}=1, \mathrm{FAT}=27$, then FAITH $=$ ?
(b) 44
(a) 42
(a)
$\qquad$
(a)
47. If $\mathrm{A}=1, \mathrm{CAR}=22$, what will be OFFICER?
(a) 26
(b) 44
(c) 60
(d) 62
(e) None of these
48. If the word STOVE is written as FNBLK, how will 'VOTES' be written in that code?
(a) LBNKF
(b) LNBKF
(c) LKNBF
(d) FLKBN
49. If ' - ' stands for 'division', ' + ' stands for 'multiplication', ‘ $\because$ ' stands for 'subtration', and $\Gamma$ ' stapls for 'addition', then which one of the following equations is correct?
(a) $36-12^{\prime} 6 \div 3+4=60$
(b) $43^{\prime} 7 \div 5+4-8=25$
(c) $36^{\prime} 4-12+5 \div 3=420$
(d) $52 \div 4+5^{\prime} 8-2-36$
(e) None of these
50. Ram's age was square of a number last year and it will be cube of a number nextyear. How long must he wait before his age is again the cube of a number?
(a) 39 years
(b) 10 years
(c) 38 years
(e) None of these

## Test II Numerical Ability

51. $1 . \overline{25}$ is
(a) $\frac{124}{99}$
(b) $\frac{125}{99}$
(c) $\frac{126}{99}$
(d) 124
(e) None of thes
52. The product of $4 \sqrt{3}$ and $12 \sqrt{5}$ is
(a) $45 \sqrt{15}$
(b)
(d) 48
53. The value of $(2-\sqrt{2}) \cdot$.
(a) 1
(b) 2
(c) 3
(d) 4
(e) None of these
54. $\quad$ Simplify $|\pi-5|-5$
(a) $\pi$
(b) $-\pi$
(c) $\pi+10$
(d) 10
(e) None of these
55. Simplify $|(-4) \times(-2)|-|-6|$
(a) 2
(b) -2
(d) -3
(e) 4
56. The value of $(\sqrt{2}+\sqrt{5})^{2}$ is
(a) $7+2 \sqrt{10}$
(b) $7-2 \sqrt{10}$
(d) $-7-2 \sqrt{10}$
(e) None of these
57. The value of $\frac{6}{3 \sqrt{2}}$ is
(a) $2 \sqrt{2}$
(b) $\sqrt{2}$
(d) $2 \sqrt{3}$
(e) 3
58. The product of $5 \sqrt{3}$ and $16 \sqrt{5}$ is
(a) 1200
(b)
(d) 1400
(e) Nome of these
59. The decimal equivalent of
(a) 0.2
(d) 0.5
(b) 0.8
(e) None of these
60. $5 \sqrt{3} \times 6 \sqrt{3}$
(a) -90
(b) 90
(c) $30 \sqrt{3}$
(d) 80
(e) None of these
61. Rs 8000 is borrowed at C.I. at the rate of $4 \%$ per annum. What will be the amount to be paid after 3 years?
(a) Rs 8100.91
(b) Rs 8000.92
(d) Rs 8000.10
(e) None of these
62. Rs 8000 is borrowed at C.I. at the rate of $4 \%$ per annum. What will the amount to be paid after 1 year. If interest is compounded half yearly?
(a) Rs 8323.20
(b) Rs 8433.20
(d) Rs 5632.23
(e) None of these
63. Find the ratio of CI to SI on a certain sum at $6 \%$ per annumfor 2 years.
(a) $103: 100$
(b) $100: 103$
(d) $130: 140$
(e) None of these
64. In what time will a sum of money double itself $5 \%$ per annum simple interest being charged?
(a) 20 years
(b) 10 years
(d) 285 years
(e) None of thes
(c) 15 years

65. The annual incomes of Suresh and Gersh were in the ratio of 7:8 respectively. If Suresh's income increased by $20 \%$ while Girish's income reduced by $10 \%$ what will be the new respective ratio of their incomes?
(a) $3: 4$
(c) $7: 6$
(d) Cannot be determined
e) None of these
66. Prasad's monthly income in $25 \%$ more than that of Anam. Anam's monthly income is $75 \%$ less than that of Bhushan. If the
difference between the monthly incomes of Prasad and Bhushan is Rs $26,125 /$ - what is Anam's monthly income?
(a) Rs 8000/-
(b) Rs 16000/-
(c) Rs 9500/-
(d) Data inadequate
(e) None of these
67. $50 \%$ of a number is 39 more than $35 \%$ of the same number. What is 115 per cent of tha number?
(a) 179
(b) 299
(c) 85
(d) 215
(e) None of these
68. A bookseller sold two books for Rs 240 each. On one of them he gains $200 \%$ anten the other he loses $20 \%$. On the both his gain or loss is -
(a) Gain of Rs 20
(b) Loss of Rs 10
(d) No loss no gain
(e) Gain of Rs 10
69. By selling an article Atul earned a profit equal to $1 / 4^{\text {th }}$ the price he vought it. If he sold it at Rs 375 , what was its cost price ?
(a) Rs 300
(b) Rs 325
(d) Rs 312.50
(e) none of these
70. If a man buys 11 books for Rs 10 and sells 10 books or Rs 11 . What is his gain per cent ?
(a) 21
(b) 11
(d) 1
(e) 25
71. A man can row at the rate of $4 \mathrm{~km} / \mathrm{hr}$ in stll water. If the time taken to tow a certain distance upstream is 3 times as much as to row the same distance down streans find the speed of the current.
(a) $2 \mathrm{~km} / \mathrm{hr}$
(b) 3
(e) none of these
(c) $4 \mathrm{~km} / \mathrm{hr}$
72. A man can row $4 \mathrm{~km} / \mathrm{hr}$ is still water. If the river is running at $2 \mathrm{~km} / \mathrm{hr}$, it takes 6 hours to row to a place and back. How far is the place.
(a) 8 km
(b) 8.5 km
(c) 9 km
(d) 9.5 km
(e) none of these
73. A man rows to a place 48 kilometres distant and back in 14 hours. He finds that he can row 4 km with the stream in the same time as 3 km against the stream. Find the rate of stream.
(a) $2 \mathrm{~km} / \mathrm{hr}$
(b) $2.5 \mathrm{~km} / \mathrm{hr}$
(c) $3 \mathrm{~km} / \mathrm{hr}$
(d) $1 \mathrm{~km} / \mathrm{hr}$
(e) none of these

74. Two workers A and B were employed for a work. A takes 8 hours more than the maken by A and B together. If B takes $4 \frac{1}{2}$ hours more than the time taken by A and B together, how long would A and rake together to complete the work?
(a) 7 hours
(b) 6 hours
(d) 4 hours
(e) None of these
75. A can do a work in 9 days. B is $50 \%$ more efficient than A. In how many days will B do the same work?
(a) 4
(b) $4 \frac{1}{2}$
(d) 7
(e) None of these
76. Ram and Mohan together can do a work in 6 days. Ranworked for 4 days and left. Mohan completed the remaining work in 9 days. In how many does can Ram alone finish the $O$ ok?
(a) 12
(b) 14
(c) 16
(d) 15
(e) 10
77. Two scooterist do the same journex by avelling respectively at the rate of 9 and 10 km an hour. Find the length of the journey when one takes 32 minutes bonger chan the other?
(a) 42 km
(b) 50 km
(d) 48 km
(e) none of these
(c) 36 km
78. George rode out a certaip dintanee by train at the rate of 25 km per hour and walked back at the rate of 4 km per hour. The whole journey took 5 hous 48 minutes. What distance did he ride?
(a) 25 km
(b) 30 km
(d) 20 km
(e) none of these
(c) 40 km
79. Ramesh have to be at a certain place at a certain time and He find that he shall be 15 minutes too late, if he walk at 4 km an hour; and 10 minutes too soon, if he walk at 6 km an hour. How far has he to walk ?
(a) 5 km
(b) 7 km
(c) 3 km
(d) 5.5 km
(e) none of these
$\qquad$

(a) 21
(b) 20
(d) 19
(e) 25
80. The average of 8 numbers is 12 . If each number is increased by 2 , the emaverage is
(a) 12
(b) 13
(d) 15
(e) 19
81. The average marks of 12 students was calculated as 40 , Buti was later found that marks of one student had been entered wrongly as 42 instead of 54 and of another as 74 instead of 50 . The correct average is
(a) 39
(b) 40
(d) 43
(e) 45
(c) 41
82. At what time between 5 and 6 are the hands of a coek coincident.
(a) 15-5/11 minutes past 5
(b) 27-3/1 muques past 5
(c) 27-2/11 minutes past 5
(d) 10-5/10 minutes past 5
(e) Nare ar bese
83. At what time between 1.30 p.m. and 2 . will both the hands of a clock be at right angles.
(a) 55-5/11 minutes past 1
$548 / 11$ minutes past 1
(c) 54-6/11 minutes past 1
(d) 50-6/12 minutes past 2
one of these
84. A man repays a loan of RS 3,250 by paying Rs 20 in the first month and then increases the payment by Rs 15 every month. How many months will it ta to clear the loan?
(a) 26
(b) 25
(c) 23
(d) 20
(e) None of these
85. I paid $\frac{3}{5}$ of a bill. If Rs 400 of the bill amount is still due, what was the total amount of the bitl?
(a) Rs 1,200
(b) Rs 1,500
(c) Rs 1,800
(d) Rs 1,000
86. For what value(s) of $a$ is $x+\frac{1}{4} \sqrt{x}+a^{2}$ a perfect square?
(a) $\pm \frac{1}{18}$
(b) $\pm \frac{1}{8}$
(c) $-\frac{1}{5}$
(d) $\frac{1}{4}$
87. If the product of four consecutive natural numbers increased by a natural number $p$, is a perfect square; then the value of $p$ is
(a) 8
(b) 4
(c) 2
(d) 1
(e) None of these
88. $a \neq b$, then which of the following statements is true?
(a) $\frac{a+b}{2}=\sqrt{a b}$
(b) $+b \sqrt{a b}$
(c) $\frac{a+b}{2}>\sqrt{a b}$
(d) Aft of the above
(e) None of these
89. which of the following tractrous lies between $\frac{2}{3}$ and $\frac{3}{5}$ ?
(a) $\frac{2}{5}$
(b) $\frac{1}{3}$
(c) $\frac{1}{15}$
(d) $\frac{31}{50}$
(e) None of these
90. what least number, of 5 digits is divisible by 41 ?
(a) 10045
(b) 10004
(c) 10041
(d) 41000
(e) None of these
91. $x=\frac{\sqrt{3}}{2}$, then $\frac{\sqrt{1-x}}{1+\sqrt{1+x}}+\frac{\sqrt{1-x}}{1-\sqrt{1-x}}$ is equal to
(a) 1
(b) $2 / \sqrt{3}$
(c) $2-\sqrt{3}$
(d) 2
92. $\left(x+\frac{1}{x}\right)\left(x-\frac{1}{x}\right)\left(x^{2}+\frac{1}{x^{2}} 1\right)\left(x^{2}+\frac{1}{x^{2}}+1\right)$ is equal to
(a) $x^{6}+\frac{1}{x^{6}}$
(b) $x^{8}+\frac{1}{x^{8}}$
(c) $x^{8}-\frac{1}{x^{8}}$
(d) $x^{6}-\frac{1}{x^{6}}$
93. which greatest number will divide 3026 andsos leaving remainders 11 and 13 respectively?
(a) 15
(c) 45
94. $1-\left[\frac{1+\sqrt{3}}{2}-\frac{1}{\sqrt{3}+1}\right]$ i s equal to
(a) $\sqrt{3}$
(b) 1
(c) $2 \sqrt{3}$
(d) 0
(e) None of these
95. $\frac{\sqrt{2}(2+\sqrt{3})}{\sqrt{3}(\sqrt{3}+1)} \times \frac{\sqrt{2}(2-\sqrt{3})}{\sqrt{3}(\sqrt{3}-1)}$ is equal to
(a) $\frac{1}{3}$
(b) $\frac{2}{3}$
(c) $\frac{\sqrt{2}}{3}$
(d) $3 \sqrt{2}$
(e) None of these
96. $2 . \overline{8768}$ is equal to
(a) $2 \frac{4394}{4995}$
(b) $2 \frac{292}{333}$
(c) $2 \frac{9}{10}$
(d) $2 \frac{878}{999}$
97. $0.75 \times 7.5-2 \times 7.5 \times 0.25+0.25 \times 2.5$ is equal to
(a) 250
(b) 2500
(c) 2.5
(d) 25
98. $\frac{(3.63)^{2}-(2.37)^{2}}{3.63+2.37}$ is simplified to
(a) 6
(c) 2.26


99. A daily-wage labourer was engaged for a certain number of days for Rs 5.750 but being absent on some of those days he was paid only Rs 5,000 . What was ins aximum possible daily wage?
(a) Rs 125
(b) Rs 250
(c) Rs 375
(d) Rs 500
(e) None of these

## Test III Clecical Aptitude

Directions ( $Q$ 101-130): In each question below a combination of Name and Address is given in the first column at the left followed by four such combinations one each under the columns (a), (b), (c) and (d). You have to find out the combination which is exactly the same as the combination given in the first column. The number of that column which contains thateombination is the answer. If all the four combinations are different, the answer is (e), i.e., None.

| 101. | Sunil Arora 1063, Opp.Govt. College Kalka-133002 | Sunil Arora 1063, Govt. College Kalka-133002 | Sunil Arora 1063, Opp.Govt. College Kalka-133002 | Sunil Arora 163 , Opp.Govt. College Kalka-133002 | Sushil Arora 1063, Opp.Govt. College Kalka-133002 | None |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 102. | Rahul Bhatia H-874, Connaught Place, New Delhi | Rahul Bhatia H-874, Connaught Place, New Delhi | $\begin{aligned} & \text { Rahul Bha } \\ & \text { H-874, Ca } \\ & \text { Place, Nev } \end{aligned}$ | Rahul Bhatia H-8474, Connaught Place, New Delhi | Rahul Bhatia H-874, Connaught Place, Delhi | None |
| 103. | Preeti Sharma Industrial Area, Chandigarh-160017 | Preti Sharma Industrial Area, Chandigarh-160017 | ndustrial Area, handigarh-160 | Preeti Sharma Industrial Area, Chandigarh-160017 | Preety Sharma Industrial Area, Chandigarh-160017 | Non |
| 104. | Rajkumar Singh 51/1, Block 74, Sikandra, Kanpur | Rajkumar 51/1, BIO Sikandra, Rapur | Rajkumari Singh 51/1, Block 74, Sikandra, Kanpur | Rajkumar Singh 511/1, Block 74, Sikandar, Kanpur | Rajkumar Singh 51/1, Block 74, Sikandra, Kanpur | Non |
| 105. | Narayan Sharma 135, B-1, Abdullapur Pinjore-134102 | Narayan Sharma 135, B-1, Abdullapur Pinjore-134102 | Narayan Sharma 135, B-2, Abdullapur Pinjore-134102 | Narayan Sharma 1355, B-1, Abdulapur Pinjore-134102 | Narayan Sharma 135, B-1, Abdullapur Panjore-134102 | Non |


| 106. | Sarita Mishra <br> 245, Geeta Colony <br> New Delhi-110001 | Sarita Mishra <br> 245, Geta Colony <br> New Delhi-110001 | Sarita Mishra 245, Geeta Colony New Delhi-110001 | Samita Mishra 245, Geeta Cofony New Delhi 10901 | Sarita Mishra 245, Gita Colony New Delhi-100001 | None |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 107 | Rakesh Kumar 567-A, Kalka Road, Chandimandir | Rakesh Kumari 567-A, Kalka Road, Chandimandir | Rakesh Kumar 567-A, Kalka Road, Chandigarh | Rakesh Kumar 567, Kalka Road, Chandimandir | Rakesh Kumar 567-A, Kalka Road, Chandimandir | Non |
| 108. | Rohit Yadav <br> Sco 832, Sec 34A <br> Chandigarh | Rohit Yadav <br> Sco 832, Sec 34 <br> Chandigarh | Rohit Yadav <br> Sco 832, Sec 34A <br> Chandigarh | Rohitradan <br> © 832 , Sec 34A <br> ehandigarh | Rohit Yadav <br> Sco 822, Sec 34A <br> Chandigarh | Non |
| 109. | Rajan Yadav 472, Chowara, Trivandrum-695501 | Rajan Yadav 4722, Chowara, Trivandrum-695501 | Rajan Yadav 472, Chowara Trivendrum $\mathbf{6 9 5 0 1}$ | Rajan Yadav 472, Chowara, Trivandrum-695501 | Rajan Yadav 472, Chovara, Trivandrum-695501 | Non |
| 110. | Abdul Khan H-145, Sector 2, Itanagar-791111 | Abdul Khan H-145, Sector 2, Itanagar-791111 | $\begin{aligned} & \text { Abdul Nhan } \\ & \text { H No.- } 45 \text {, sector 2, } \end{aligned}$ Itanger->91111 | Abdulla Khan H-145, Sector 3, Itanagar-791111 | Abdul Khan H-145, Sector 2, Itanagar-790111 | Non |
| 111 | Harpreet Singh 112, Samrala Road Ludhiana 141008 | Harpreet Singh 112, Samrala Road Ludhiana 141108 | Carpreet Singh 12) Ldhiana 141008 | Harpreet Singh 1112, Samrala Road Ludhiana 141008 | Harpreet Singh 112, Samrala Chonk Ludhiana 141008 | Non |
| 112 | Roop Kaur <br> Sarasvati Vihar <br> Jabalpur-482001 | Ruup Kaur <br> Sarasvati Viha Jabalpur $\mathrm{H}_{4} 820$ | Roop Kaur Sarasvati Vihar Jabalpur-488201 | Roop Kaur Sarasvati Bihar Jabalpur-482001 | Roop Kaur Sarasvati Vihar Jabalpur-482001 | Non |
| 113 | A. K. Tiwari 457-B, Ghazipur, Lucknow 226010 |  | A. K. Tiwari 457-B, Ghazipur, Lucknow-222600 | A. K. Tiwari 457-B, Ghazepur, Lucknow 226010 | A. K. Tiwari 457-B, Ghazipur, Lucknow 226010 | Non |
| 114 | Sushila Nanda 68, Opp. Cloth Mills, New Delhi 110006 | Sushiala Nanda Ge Opp. Cloth Mills, New Delhi 110006 | Sushil Nanda 68, Opp. Cloth Mills, New Delhi 110006 | Sushila Nanda 68, Near Cloth Mills, New Delhi 110006 | Sushila Nanda 68, Opp. Cloth Mill New Delhi-110006 | Non |


| 115 | Ashwan Thakur 772, Sector-4, Parwanoo-173220 | Ashwani Thakur 772, Sector-4, Parwanoo-173220 | Ashwan Thakur 7712, Sector-4, Parwanoo-173220 | Ashwan Thakur 772, Sector-3, | Ashwan Thakur 772, Sector-4, Parwanoo-173220 | Non |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 116 | Randhir Kapoor 170-A, Fatehpur, Patna- 803206 | Randhir Kapoor 170-A, Fatehpur, Patna- 803206 | Ranbhir Kapoor 170-A, Fatehpur, Patna- 803206 | Randh Whapoor <br> 70 A, Fatehpur, <br> Patna- 800206 | Randhir Kapoor 17-A, Fatehpur, Patna- 803206 | Non |
| 117 | Harvinder Singh P\&T Colony Ludhiana-141001 | Harvender Singh P\&T Colony Ludhiana-141001 | Harvinder Singh P\&T Colony Ludhiana-141@01 | Harvinder Singh <br> P. T. Colony <br> Ludhiana-141001 | Harvinder Singh P\&T Colony Ludhiana-141101 | Non |
| 118 | S. P. Tiwari 112, Banjara Hills Hyderabad-500034 | S. P. Tiwari <br> Banjara Hills <br> Hyderabad-500034 | $\begin{aligned} & \text { S. P. TMyaki } \\ & \text { 102, B } \quad \text { njara Hills } \\ & \text { Hy erabad } 500034 \end{aligned}$ | S. P. Tiwari Banjari Hills Hyderabad-500034 | S. P. Tiwari <br> Banjara Hills <br> Hyderabad-510034 | Non |
| 119 | Surender Sharma 542, Opp. Agri College Ranchi-834006 | Surender Sharma 542, Agri College Ranchi-834006 | Surender Sharma 542, Opp. Agri College Ranchi-834000 | Surinder Sharma 542, Opp. Agri College Ranchi-834006 | Surender Sharma <br> 542, Opp. Agri College <br> Ranchi-834006 | Non |
| 120 | Nitin Gupta 145, Sector 10 Chandigarh- 160011 | Nitin Gupta 145, Sector 11 Chandigatago | Nitin Gupta 145 , Sector 10 Chandigrah- 160011 | Nitin Gupta 145, Sector 10 Chandigarh- 160011 | Nitin Guppta 155 , Sector 10 Chandigarh- 160011 | Non |
| 121 | Rajbir Singh Bazar Gate Mumbai-400001 |  | Rajbir Singh Bazar Gate Mumbai-400001 | Rajvir Singh Bazar Gate Mumbai-400001 | Rajbir Singh Bazar Gate Mumbai-401001 | Non |
| 122 | Ram Singh 841, Sadar Bazar New Delhi-110006 | ran Singh <br> 441, Sadar Bazar <br> New Delhi-110006 | Ram Singh 841, Sadar Bazar Delhi-110006 | Raj Singh 841, Sadar Bazar New Delhi-110006 | Ram Singh 841, Sadar Bazar New Delhi-110006 | Non |


| 123 | R. P. Singh Secretariat Panaji- 403001 | R. P. Singh Secretariat Panaji- 403001 | R. P. Yadav Secretariat Panaji- 403001 | R. P. Singh Secretariat Panaji- 43360 | R. P. Singh Secretariat Paanaji- 403001 | Non |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 124 | Chaman Lal 745, Mall Road Shimla-171001 | Chaman Lall 745, Mall Road Shimla-171001 | Chaman Lal 745, Mall Road Shimla-177001 | Chaman Lad <br> Shimla 171001 | Chaman Lal 745, Mall Road Shimla171001 | Non |
| 125 | Venkatesh Reddy 637-A, Narayanpur Bidar-585001 | Venkatesh Redy 637-A, Narayanpur Bidar-585001 | Venkatesh Reddy 637-A, Narayanpur Bidar-585001 | - enkatesh Reddy 8387-A, Narayanpur Bidar-585001 | Venkatesh Reddy 637-A, Narayanpur Bidaar-585000 | No |
| 126 | Sheela Devi 6A, Robert Lines Jabalpur -482001 | Sheela Debi 6A, Robert Lines Jabalpur -482001 | Sheela Devi <br> 6A, Robert Lipes <br> Jabalpur -492001 | Sheela Devi 6A, Robert Lines Jabalpur -482001 | Sheela Devi 6B, Robert Lines Jabalpur -482001 | Non |
| 127 | Manish Verma 814, Opp. Dungar College, Bikaner334001 | Manish Verma 814, Opp. Dungar College, Bikaner334001 | Manisliverma 814, D (ngar College Bikmer- 334001 | Manish Verma 814, Opp. Dungar College Bikaner-343001 | Manish Verma 1814, Opp. Dungar College Bikaner-334001 | No |
| 128 | Harbans Kaur <br> Shiva Complex, Suratgarh-335804 | Harbans Kumari Shiva Complex, Suratgarh-335804 | Harbens Kaur Sbov Complex, Suratgarh-335804 | Harbans Kaur Shiva Complex, Suratgarh-335804 | Harbans Kaur Shiva Complex, Suratgarh-330804 | Non |
| 129 | Shaeldra Shukla 1365, B-1, Pipli, Kurukshetra 132118 | Shaeldra Shuk 1365 , B-1, Pipli, Kurukshetra 32218 | Shaildra Shukla 1365, B-1, Pepli, Kurukshetra 132118 | Shaeldra Shukla 1365, B-1, Pipli, Kurukshetra 132118 | Shaeldra Shukla 1365, B-2, Pipli, Kurukshetra 132118 | Non |
| 130 | Seema Awasthy 710, Sector I Naura, Jalandhar- 144003 | Sema Awasthy 710, sector I Naura, Jatandmar- 144003 | Seema Awasthy 710, Sector I Naura, Jalandhar- 144003 | Seema Awasthy 7010, Sector I Naura, Jalandhar- 144003 | Seema Awasthy 710, Sector I Naura, Jalandhar- 154003 | Non |

Direction (Q 131-135): In efi question below five words are given. Which of them will come at the second place if all of them are
arranged alphabetically as tionary?
131.
(a) abacus
(b) abdicate
(d) abrupt
(e) absolute
(c) abnormal
132.
(a) candle
(b) cantle
(c) canvass
(d) canyon
(e) candidate
133.
(a) bland
(b) blare
(c) blanch
(d) blame
(e) blank
135.
(c) dative
(a) damper
(b) danger
(e) darken
(c) menagerie
(a) memorial
(b) membrane
(d) mendacious
(e) menial
(c) menagerie

Direction (Q 136-140): The letter group in each of the question-by in to be codified in the following codes:

| Letters | I | R | A | M | T | N |  | P | O |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| D |  |  |  |  |  |  |  |  |  |
| No. Codes | 5 | 3 | 0 | 7 | 6 |  | 9 | 2 | 4 |
| 8 |  |  |  |  |  |  |  |  |  |

You have to find out which of the answer (a), (b) (c) (d) has the correct coded form of the given letters and indicate it on your answer sheet. If none is correct coded form mant e. none of these, as answer and indicate it on your answer sheet.
136. IMATRN
(a) 570631
(d) 756304

51630
one of these
(c) 765123
(c) 901542
(a) 901524
(d) 143286
(b) 143628
(e) none of these
138. PTOMDR
(a) 264837
(b) 246783
(c) 264783
139. STDONA
(a) 986401
(b) 965410
(d) 968410
(e) none of these
(c) 964852
140. MDSAPN
(a) 789021
(b) 798012
(d) 715482
(e) none of these

Direction (Q 140-145): The letter group in each of the question below is codified in the following codes:


You have to find out which of the answer (a), (b), (c) or (d) iris 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., ene of these, as answer and indicate it on your answer sheet.
141. QWERTY
(a) 135406
(d) 123458
(b) 1

(c) 123607
142. TYUIOP
(a) 587960
(d) 025478
(b) 512347
(e) none of these
143. POIUYT
(a) 035478
(b) 069785
(c) 012458
(d) 068541
(e) none of these
144. YTREWQ
(a) 865410
(b) 842103
(c) 854321
145. ERTYUQ
(a) 246537
(b) 246710
(d) 345871
(e) none of these

Direction (Q 146-150): The news item in each question below is to be classfiedinto one of the following five areas:
(a) Politics
(b) Science and Healt
(d) Socials Issues
(e) Miscellaneous
146. U.S. offers help to check spread of bird flu
(a) Politics
(d) Social issues
(b) Science and Health (c) Sports

Sensex down 750 pts; SBI, DLF shed 7\%
(a) Politics
(b) Science and
(c) Sports
(d) Social issues
(e) Econom Cs and Commerce

148 Pak selectors pick four uncapped play ers forth ODI
(a) Politics
(b) Stiente and Health
(c) Sports
(d) Social issues
(e) Economics and Commerce
149. No book fair for now, HC stops morle
(a) Politics
ience and Health
(c) Sports
(d) Miscellaneous
(e) Economics and Commerce
150. Pakistani police office
(a) Political and Dipla
(d) Science and Health
$\begin{array}{ll}\text { (b) Miscellaneous } & \text { (c) Sports } \\ \text { (e) Economics and Commerce }\end{array}$
zed in Bhutto's killing

## Test IV English Language

Direction (Q 151-160): Read the following passages and answer the questions given below them

## Passage I

Dr S. Radhakrishnan, the illustrious philosopher statesman of India, was one of the greatest sons of our motherland. He cautioned the world against the domination of science in society. It is erroneous to claim that sieatific knowledge would bring with it perpetual progress and a steady improvement in human relation The recent period of grea scientific achievements has also increased human misery two world wars, concentration camps, atomic destruction, cold war, deady wats in the Middle East, Persian Gulf and at many other places in the world. Growth in human wisdom has not been commensuratewith the increase in scientific knowledge and power. The fear of universal destruction hangs over the world. There is afeeling onsenchantment, anxiety and even despair. Science has failed to liberate man from the tyranny of his own nature. Mankind is passimg through a critical period and an education of the human spirit has become essential. In order to remake society, man has tremake himself. If humanity is to survive, man must integrate his knowledge with a social responsibility.
151. Dr. S. Radhakrishnan has
(a) emphasized that science should be banished frown the society
(b) opposed the teaching of science in educationa instrutions
(c) favoured scientific thinking in life
(d) counseled that preponderance of scienfe in tifes not necessarily generate happiness
(e) none of these
152. The recent past of tremendous scientific nopgress has
(a) made the world a very happy place -
(b)led to global warming
(c) brought about internal tararoformation in men
(d) shown that human wisdom, bas not kept pace with galloping scientific knowledge.
(e) none of these
153. Man is despaired of scientee because
(a) science has given too much knowledge
(b) science has brought him excessive material comforts
(c) he has become a captive of science
(d)he is confronted with the nightmare of total annihilation of the world.
(e) none of these
154. Man can save humanity only if he
(a) abandons science
(b) brings about an internal transformation in himself
(c) makes his life more comfortable with scientific gadgets.
(d) goes back to natural and primitive times.
(e) none of these
155. In this passage, the writer has tried to show that
(a) science is the only saviour that shall lead humanity forward
(b) science can bring about an end to all the wars
(c) social change comes with the advancement of science
(d)human wisdom must grow proportionately with growthonowledge to evolve a creative integration to help mankind.
(e) none of these

## Passage II

In Asia and much of the Third World, trees are still destrqyed in the old-fashioned way: they are cut down for fuel and cropland. In Europe, there is new and potentially more deadly gulprit. The Germans call it 'Waldsterben' the dying forest syndrome. But the disease is far more than a German phenomerin, since it was first observed by German scientists in the autumn of 1980, the mysterious malady has raced across Europe, blighting woods in countries as far apart as Sweden and Italy.

Explanations for the epidemic range, fromif a cyclic change in the environment to a baffling form of tree cancer. But the most convincing evidence points to air polroman. Indeed, saving the rapidly deteriorating forests of Europe will probably require a twopronged strategy: an offensive camparg that includes the breeding of pollution immune trees and a defensive scheme that calls for reductions in toxic emissions But woth will require more money than is currently being spent on such measures, as well as total commitment to protecting the efvironment.
156. According to this passage, which one of the following statements is correct?
(a) There is less damage in Asia than in Europe
(b)More forests are dying in Germany than anywhere else in Europe
(c) A cyclic change in the environment is responsible for deforestation
(d) Air pollution is the main culprit of destroying European forests
(e) none of these
157. Saving the trees of European forests
(a) should not be difficult because of the advances in experimental research
(b) appears to be a hopeless task and therefore pointless to undertake
(c) requires a much higher budget
(d)demands vigilance and punitive measures against those who cut down the tree.
(e) none of these
158. The dying forest syndrome is a disease that
(a) is peculiar to the forests of Asia
(b)has spread rapidly over the forests of Europe
(c) is confined to the forests of Germany
(d) has affected forests all over the world
(e) none of these
159. The writer suggests that
(a) it is no longer possible to grow trees in industrim ized areas
(b)pollution-immune trees will absorb toxic emiss
(c) all pollution prone trees should be destroyed
(d) it is not possible to grow trees that renampalfected by pollution
(e) none of these
160. The writer's approach toward the problemof forest devastation is one of
(a) tolerance
(b) indifference
(c) well thought out strategy
(d) despondency
(e) none of these

Direction (Q 161-165): Choose the word which is most similar in meaning of the word given in bold.

## 161. Set aside; designate

(a) confluence
(b) allocate
(c) callow
(d) awry
(e) none of these
162. A thing which is joined together
(a) confluence
(b) coagulate
(c) artifice
(d) coda
(e) none of these

## 163. Astigmatism

(a) make hostile; separate
(b) written statement made under oath
(c) agree
(d) eye defect that prevents proper focus
(e) none of these

## 164. Aristocracy

(a) flattery; admiration
(b) imitate or mimic
(c) hereditary nobility; prixilaged class
(d) omen; prophecy
(e) none of these

## 165. To degrade; humiliate

(a) cohort
(b) cascade
(c) abase
(d) blasphemous
(e) none of these

Direction (Q 166-170): Choose the word which is most opposite in meaning of the wrigker in bold.
166. Clamp
(a) Loosen
(b) Grapple
(c) break up
(d) unbolt

## 167. Abridged

(a) Lengthened
(b) epitomized
(c) finished
(d) terse
(a) Cowardice
(b) Courage
(c) Adventurous
(d) Wimpiness
169. Criticism
(a) Aspersion
(b) Commendation
(c) Acclamation
(d) Appromal -
(e) none of these
170. Castignation
(a) defamation
flattery
(c) vituperation

Swearing
(e) none of these

Direction (Q 171-175): Pick out the most effective word from the given words to fill in the blank to reake the sentence meaningfully complete.
171. It is desirable to take $\qquad$ in any business if you want to make profit.
(a) Advice
(b) Risk
(c) Loan
(d) Recourse
(e) Perseverance
172. The rocket $\qquad$ the target and did not cause any casualty.
(a) sensed
(b) qreached
(c) missed
(e) aimed
(d) exploded
173. You must ensure the correctness of the information before conclusion.
(a) drawing
(b) enabling
(c) leaning
(e) examining
(d) jumping
174. They wasted all the money on purchase of sothe items.
(a) excellent
(c) significant
(e) trivial
175. When he found the wallet his face blewed but soon it faded as the wallet was $\qquad$ .
(a) empty
(c) recovered
(e) expensive
(b) vacant
(d) stolen

Direction (Q 176-180): In this section, you are given five alternatives to each idiom/phrase. Choose the most appropriate one.
176. TO KICK THE BUCKET
(a) To start an account
(b) To start a sea journey
(c) To die
(d) To start agricultural activity
(e) none of these
177. TO EAT HUMBLE PIE
(a) To eat slowly
(b) To have an excellent dish
(c) To live in a modest manner
(d)To have to apologise
(e) none of these
178. ODDS AND ENDS
(a) Quarrelsome persons
(b) Various intentions
(c) Miscellaneous things
(d) Nonsense
(e) none of these
179. TO PICK UP THE GAUNTLET
(a) To accept felicitations
(b) To accept a challenge
(c) To accept bribe
(d) To accept a senior post
(e) none of these
180. TO COOL ONE'S HEELS
(a) To give a cold treatment to semebody
(b) To be kept waiting for sonetime
(c) To go for a holiday
(d) To settle a controversial issue
(e) none of these

Direction (Q 181-185): In the following passage there are blanks each of which is numbered. These numbers are printed below the passage and against each five words are suggested, one of which fills the blanks appropriately. Find out the appropriate word in each case.

Tea prices in the domestic ...1... continue to rule high in the Current year despite the expectation higher production as compared to the previous year. According to preliminary assessment ...2... on the weather ...3... in reammonths, tea output in 1990 my reach 740 million kilogram as against 700 million kilogram last year. During the past three menths, tea prices have generally shown an ...4.... Unlike last year, when tea prices rose dramatically, this year, prices seem to have . at a rather high level. In the subsequent four months, the monthly average price showed a downtrend but in September, the prices haye again hardened to a considerable extent.
181.
(a) profit
(b) market
(c) circle
(a) shared
(b) strategy
(c) carried
183.
(a) outbreak
(b) conditions
(c) forecast
. (a) uptrend
(b) upgrade
(c) reduction
(e) none of these
. (a) increased
(b) surfaced
(c) stabilized
(d) moderated
(e) none of these
(e) none of these
(e) none of these
(e) none of these

Direction (Q 186-190): In the following items each passage consists of six sentences. The first and the sixth sentence are given in the beginning. The middle four sentences in each have been removel and jumbled up. These are labeled P, Q, R and S. You are required to find out the proper sequences of the four sentences and marked accordingly on the Answer Sheet.
186. $\mathrm{S}_{1}$ : It is said that deep down people are alik
$\mathrm{S}_{6}$ : People differ in intelligence, personatin emal display values, priorities and the like
P: However in the broadest sense we an say people are all alike.
Q : This statement is essentially fadse.
R : But the individual differences are more illuminating.
S: For instance, it's true that Reople a
have attitudes, likes and dislikes, feelings and similar attributes.
The proper sequence should
(a) Q R S P
(c)Q P S R
(e) none of these
187. $\mathrm{S}_{1}$ : Let us look at the statement. 'It's not what you say, but it's what you do.'
$\mathrm{S}_{6}$ : But when words and actions diverge, people focus most on what they see in terms of behavior
P : Actions do speak louder than words.
Q : Words can influence other; we don't deny.
R : The statement is mostly true.
S: The doesn't mean that words fall on deaf ears.
The proper sequence should be
(a) S Q R P
(b) R P S Q
(c) S P R Q
(d) R Q S P
(e) none of these
188. $\mathrm{S}_{1}$ : There was no limit to insanitation
$\mathrm{S}_{6}$ : So I asked for a broom to clean, them myself
P : There were only a few latrines.
Q : They refused point-blank to clean them.
R : Pools of water were everywhere.
S: I pointed it out to the volunteers.
The proper sequence should be
(a) R S P Q
(b) Q P S R
(c) R P S Q
(d) Q S P R

$\mathrm{S}_{6}$ : For I could rarely follow their remars when came up to speak to me
P : I was quite unaccustomed to talking English, and except one all the other passengers in the second salon were English.
Q : But as the days passed, I became fidgety.
R : I could not speak to them.
$\mathrm{S}:$ I felt shy even in speaking
The proper sequence should
(a) P S Q R
(b) $2 R$
(c) P R Q S
(d) ${ }^{2}$ R
(e) none of these
190. $\mathrm{S}_{1}$ : The hall darkened.
$\mathrm{S}_{6}$ : And then father taught the girl arithmetic.
P : After all that, his father came on the screen.
Q : And then a little girl came up, and he spoke to her exactly as he used to speak to Sambu.
R: He was wearing just a dhoti.
S: Sambu sat through the trailers and slide advertisements without enthusiasm.
The proper sequence should be
(a) Q R P S
(b) S P Q R
(c) Q P R S
(d) S R P Q

Direction (Q 191-195): In each question below, you are given a related pair of words ar phrases. Select the lettered pair that best expresses a relationship similar to that in the original pair of words.
191. FOOD : HUNGER : :
(a) water : flood
(b) quench : thirst
(c) sandwich : lunch
(d) flower : bud
(e) rain : drought
192. PHOTOSYNTHESIS : OXYGEN : :
(a) camera : photograph
(b) combustion
(c) heat : boiling
(e) inhalation : air
193. POEM : METAPHOR : :
(a) garden : flower
(c) boat : sail

(e) diva : opera
194. DEMAGOGUE : POPULACE
(a) pariah : following
(b) orator : speech
(c) rabble-rouser : crowd
(d) demigod : deity
195. VIGILANTE : POL
(b) judge : jury
(d) lynching execution
(e) quack : doctor

Direction (Q 196-200): Error Identification Test
196. In opposition $\frac{\text { to }}{a}$ President Carter's foreign policy $\frac{\text { was }}{b}$ the $\frac{\text { House }}{c}$ Majority Leader and the chanman of the

197. In his valedictory address, the scholar insisted that $\frac{\text { this here }}{\mathrm{a}}$ society remains decent and strong $\frac{b}{}$ despite the presence of so many

$$
\frac{\text { who }}{c} \text { are ignorant and } \frac{\text { a varicious }}{d} . \frac{\text { No error }}{e} .
$$

198. Attorneys $\frac{\text { these days }}{\mathrm{a}}$ may practice corporate law, $\frac{\text { enviranen }}{\mathrm{w}}$ or $\frac{\text { choosing from }}{\mathrm{c}} \mathrm{a}$ variety of $\frac{\text { other }}{\mathrm{d}}$ alternatives. No error $\frac{\mathrm{e}}{\mathrm{e}}$.
199. There is $\frac{\mathrm{a}}{\text { in }}$ only a box of cereal and three breadsicks in the cupboard, so we $\frac{\text { better }}{\mathrm{b}}$ go to the market and $\frac{\text { stock up }}{\mathrm{c}} \frac{\text { on food }}{\mathrm{d}}$.
$\frac{\text { No error }}{e}$.
200. I'm sure that I can vault $\frac{\mathrm{a}}{\mathrm{a}}$.igher than $\frac{\text { him }}{\mathrm{b}}$ today, because in yesterday's warm-up my performance $\frac{\text { was better }}{\mathrm{c}} \frac{\text { than his }}{\mathrm{d}}$ on three occasions. $\frac{\text { No error }}{\mathrm{e}}$

## ANSWER KEYS

1. (b)
2. (b)
3. (d)
4. (c)
5. (c)
6. (c)
7. (b)
8. (d)
9. (b)
10. (a)
11. (a)
12. (c)
13. (b)
14. (a)
15. (d)
16. (d)
17. (c)
18. (b)
19. (a)
20. (d)
21. (d)
22. (c)
23. (b)
24. (d)
25. (d)
26. (b)
27. (b)
28. (b)
29. (d)
30. (a)
31. (d)
32. (a)
33. (b)
34. (e)
35. (d)
36. (c)
37. (b)
38. (d)
39. (a)
40. (d)
41. (b)
42. (c)
43. (a)
44. (c)
45. (c)
46. (b)
47. (b)
48. (a)
49. (c)
$134 .(d)$

| 135. (a) | 157. (c) | 179. (b) |
| :---: | :---: | :---: |
| 136. (a) | 158. (b) | 180. (c) |
| 137. (b) | 159. (d) | 181. (b) |
| 138. (c) | 160. (c) | 182. (d) |
| 139. (d) | 161. (b) | 183. (b) |
| 140. (a) | 162. (a) | 184. (a) |
| 141. (d) | 163. (d) | 185. (c) |
| 142. (a) | 164. | 186. (c) |
| 143. (b) | 165 | 187. (b) |
| 144. (c) | 146. | 188. (c) |
| 145. (d) | 67. (a) | 189. (b) |
| 146. (b) | 168. (b) | 190. (b) |
| 147. (e) | 169. (b) | 191. (e) |
| 148. (c) | 170. (b) | 192. (b) |
| 149. (d) | 171. (b) | 193. (b) |
| 150. (a) | 172. (c) | 194. (c) |
| 151. (d) | 173. (d) | 195. (d) |
| 152. (d) | 174. (e) | 196. (b) |
| 153. (d) | 175. (a) | 197. (a) |
| 154. (b) | 176. (c) | 198. (c) |
| 155 | 177. (d) | 199. (a) |
| 106 | 178. (c) | 200. (b) |

