Test I – Reasoning Ability
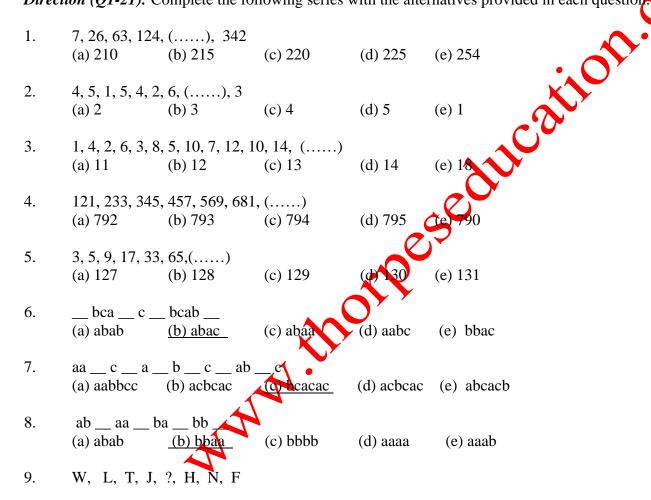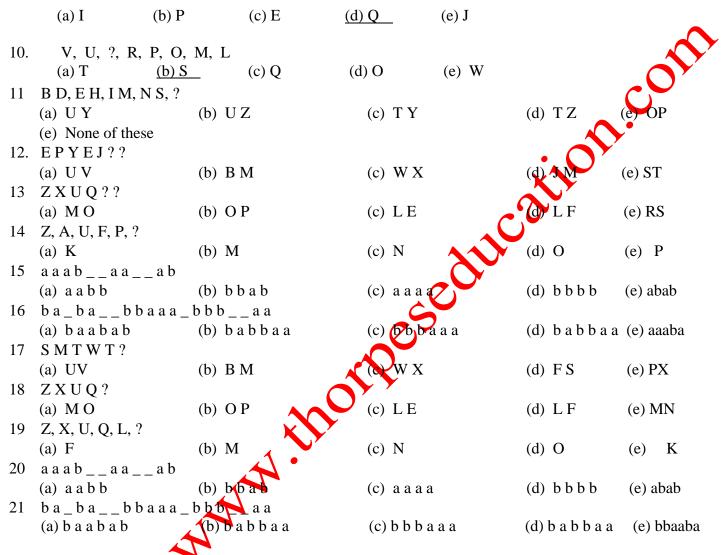
Direction (Q1-21): Complete the following series with the alternatives provided in each question.

1. 7, 26, 63, 124, (……), 342
    (a) 210   (b) 215   (c) 220   (d) 225   (e) 254

2. 4, 5, 1, 5, 4, 2, 6, (……), 3
    (a) 2   (b) 3   (c) 4   (d) 5   (e) 1

3. 1, 4, 2, 6, 3, 8, 5, 10, 7, 12, 10, 14, (……)
    (a) 11   (b) 12   (c) 13   (d) 14   (e) 18

4. 121, 233, 345, 457, 569, 681, (……)
    (a) 792   (b) 793   (c) 794   (d) 795   (e) 790

5. 3, 5, 9, 17, 33, 65,(……)
    (a) 127   (b) 128   (c) 129   (d) 130   (e) 131

6. __ bca __ c __ bcab __
    (a) abab   (b) abac   (c) abaa   (d) aabc   (e) bbac

7. aa __ c __ a __ b __ c __ ab __ c
    (a) aabbcc   (b) acbcac   (c) bcacac   (d) acbcac   (e) abcacb

8.   ab __ aa __ ba __ bb __
    (a) abab   (b) bbaa   (c) bbbb   (d) aaaa   (e) aaab

9. W, L, T, J, ?, H, N, F

     (a) I   (b) P   (c) E   <u>(d) Q</u>   (e) J

10.   V, U, ?, R, P, O, M, L
    (a) T   <u>(b) S</u>   (c) Q   (d) O   (e) W

11   B D, E H, I M, N S, ?
    (a) U Y   (b) U Z   (c) T Y   (d) T Z   (e) OP
    (e) None of these

12.   E P Y E J ? ?
    (a) U V   (b) B M   (c) W X   (d) J M   (e) ST

13   Z X U Q ? ?
    (a) M O   (b) O P   (c) L E   (d) L F   (e) RS

14   Z, A, U, F, P, ?
    (a) K   (b) M   (c) N   (d) O   (e) P

15   a a a b _ _ a a _ _ a b
    (a) a a b b   (b) b b a b   (c) a a a a   (d) b b b b   (e) abab

16   b a _ b a _ _ b b a a a _ b b b _ _ a a
    (a) b a a b a b   (b) b a b b a a   (c) b b b a a a   (d) b a b b a a   (e) aaaba

17   S M T W T ?
    (a) UV   (b) B M   (c) W X   (d) F S   (e) PX

18   Z X U Q ?
    (a) M O   (b) O P   (c) L E   (d) L F   (e) MN

19   Z, X, U, Q, L, ?
    (a) F   (b) M   (c) N   (d) O   (e) K

20   a a a b _ _ a a _ _ a b
    (a) a a b b   (b) b b a b   (c) a a a a   (d) b b b b   (e) abab

21   b a _ b a _ _ b b a a a _ b b b _ _ a a
    (a) b a a b a b   (b) b a b b a a   (c) b b b a a a   (d) b a b b a a   (e) bbaaba

22.   If COLOUR is coded as 735394 and DUCK is coded as 6978, how is CLOCK coded?

(a) 75278
(b) 75738
(c) 75378
(d) 75438
(e) 75834

23.   If STVAFN is coded as 246813 and FPRU is coded as 1579, how is ARSTU coded?
(a) 87249
(b) 87429
(c) 78249
(d) 87942
(e) 78942

24.   In a certain code language, MISTAKE is written as JLPWXOB .How is INTIMATE written in that code?
(a)FQQLJDQH
(b) FLQJDQHE
(c) FJLDQQEH
(d) FEHQLDHJ
(e) FQDHJEJH

25   Ina certain language, Gin, Tin, Pip, means girl is beautiful ; Sip, Pip, Tip means boy is cunning and Lip, Kin, Tin means they are beautiful, which word in that language means beautiful?
(a)Lip
(b)Kin
(c) Pip
(d) Tin
(e) Pin

26.   A denotes 'equal to' ; B denotes 'not equal to' ; C denoted 'greater than', D denotes 'less than' E denotes 'not greater than'; and F denotes ' not less than'.

aCbDa does not imply
(a) cCbDa
(b) bDaCc
(c) bBaBc
(d) bDcBa
(e) dBcDa

27.   If nsr, grp, gsr, ptr, trm means 'she is a poor girl', grp, ntr, pnr, dsr, hrs means 'sham is suffering from fever and str, agr, ptr, nsr, pgr, hrs means she can help him from poor people. What would girl mean.
(a) trm
(b) nsr
(c) grp
(d) ptr
(e) dsr

28.   If pre, trn, ger stands for 'always speak gently, trn, gre, pre stands for 'anu speaks truth' and pse,ntr,pes, nrt,trn means 'God is always with us', what does 'gently mean.
(a) ger
(b) pre
(c) tnr
(d) trn
(e) nrt

29.   If 'tnr, pre, ser, gre stands for 'clouds look like heaven', ntr,per,ser,pre,mtr stands for 'I always thought bout heaven'. What do mangoes mean?
(a) mtr
(b)gre
(c) ntr
(d) nrt
(e) per

30.   If 46 denotes for' lovely pink flowers' 234 denotes for 'hare pink dress' and 527 denotes 'its lovely dress' What does 'flowers' mean?

(a) 4
(b) 5
(c) 6
(d) 1
(e) 7

31.   If 427 is coded as 'for my brother', 832 is coded as 'try for best' and 6514 is coded as 'my neighbour makes noise', what does brother mean?
(a) 2
(b) 4
(c) 7
(d) 5
(e) 6

Direction (32-40): Based on the following statement, answer the following questions.

There are 125 cubes of similar size arranged in the form of a bigger cube (5 cubes on each side, that is, 5 ´ 5 ´ 5). From one corner of the top layer of this cube, four smaller cubes (2 ´ 2 ´ 1) are removed. From the column on the opposite side, two cubes (1 ´ 1 ´ 2) are removed, and from the third corner, three cubes (1 ´ 1 ´ 3) are removed, and from the fourth column four cubes (1 ´ 1 ´ 4) are removed. All exposed faces of the block thus formed are coloured red.

32. How many small cubes are left in the block?
    (a) 112   (b) 110   (c) 109   (d) 114   (e) 111

33. How many cubes do not have any coloured face?
    (a) 25   (b) 35   (c) 38   (d) 443   (e) 88

34.   How many cubes have only one red face each?
    (a) 42   (b) 27   (c) 41   (d) 62   (e) 36

35. How many cubes have only two coloured faces each?
    (a) 18   (b) 24   (c) 32   (d) 36   (e) 20

36. How many cubes in the top layer have three red faces each?
    (a) 3   (b) 4   (c) 6   (d) 8   (e) 5

37. A cube is painted green on all sides. It is then cut into 64 cubes of equal size. How many of these smaller cubes are painted on one side only?

(a) 4   (b) 8   (c) 16   (d) 24   (e) 12

38. A cube is painted green on all sides. It is then cut into 64 cubes of equal size. How many of these smaller cubes are painted on one side only?

    (a) 4   (b) 8   (c) 16   (d) 24   (e) 14

39. In the context of the same cube, how many of these smaller cubes would have 3 sides painted?

    (a) 4   (b) 6   (c) 8   (d) 12   (e) 2

40. The sum of the squares of two consecutive even numbers is 1252. The sum of the number is

    (a) 48   (b) 50   (c) 52   (d) 54   (e) 60

Direction (Q 41–45): In an office there are eight sections named as I, II, III, IV, VI, VII and VIII. No visitor is allowed to visit one section for more than an hour. If a visitor has to visit more than one section he has to come back to the security officer to get a fresh visitor's pass by surrendering the earlier section's pass.

Every hour the security officer generates seven passwords for all sections by choosing a set of seven words, which is used for Section I which is the reception-cum-visitors hall. Following is an illustration of the generation of seven passwords for each section:

Section I: sri am cue way meat fro le

    II: le cue am way meat fro sri

    III: cue le way am meat sri cue

    IV: fro way le am meat sri cue

    V: way fro am le meat cue sri and so on till Section VIII.

41. A visitor was given the password 'pit sy me ole try je no'. If at that time the password for Section I was 'me no pit je try ole sy', which of the following sections did the visitor want to visit?

    (a) III   (b) IV   (c) VI   (d) VII

    (e) None of these

42. A visitor for Section VII had the password 'rye fu che it can si pecha'. What was the password for Section I at that time?
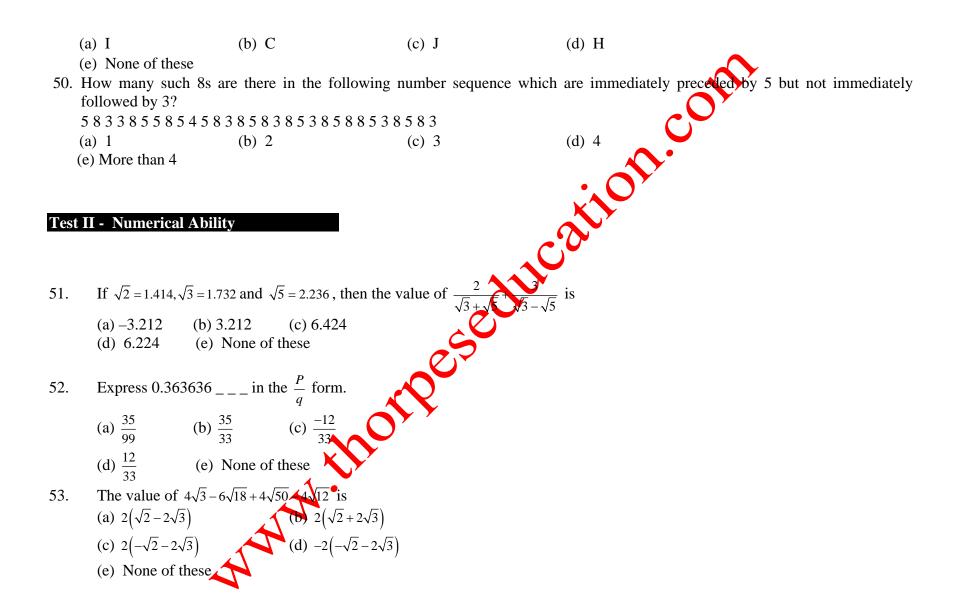
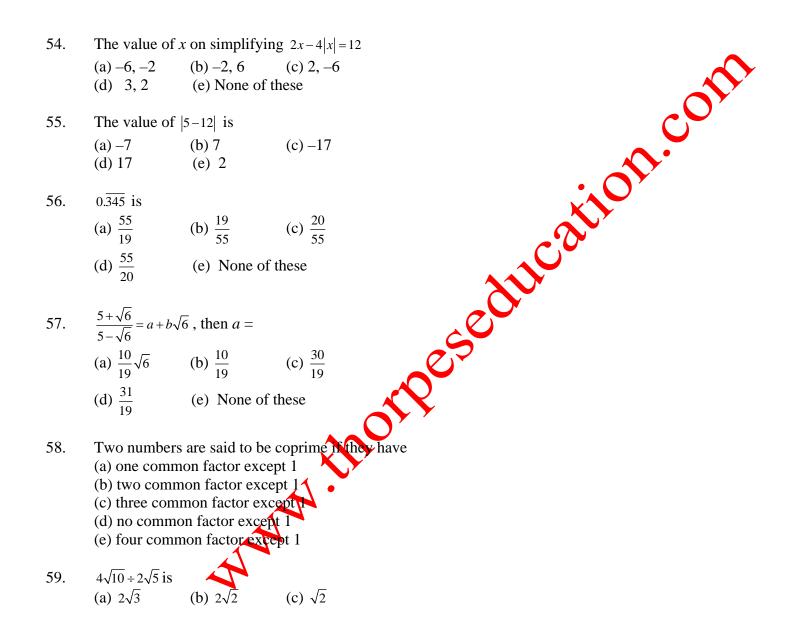   (a) che pecha rye si can it fu   (b) pecha che fu it can si rye

    (c) fu rye pecha si can it che   (d) rye fu si pecha che can it

    (e) None of these

43. A visitor wanted to visit Section VI but he was wrongly given the password for Section IV 'ear two it rye sit he wu'. What would be his correct password for Section VI, if hourly password remains the same?
    (a) he rye ear it sit wu two
    (b) two ear rye it sit wu he
    (c) wu it two rye sit he ear
    (d) rye he it ear sit two wu
    (e) None of these

44. If the first two words of the password for Section III are 'lie spell', for which of the following section's password will begin with the same two words in the same sequence?
    (a) VIII
    (b) VII
    (c) IV
    (d) VI
    (e) None of these

45. A visitor visited Section II in the first 15 minutes of a new hourly code and wanted to visit Section VI. If his password for Section II was 'ne mew fu six also bet ga', what would be his password for Section VI?
    (a) six bet fu also mew ga ne
    (b) ga fu bet ne also mew six
    (c) six fu bet ga ne also mew
    (d) fu ga ne bet six also mew
    (e) fu ga ne bet also six mew

46. Which of the following will come in place of the question mark (?) in the following sequence?
    6 C 7, 8 F 10, 11 J 14, 15 O 19, ?
    (a) 20 U 24
    (b) 20 U 25
    (c) 25 U 20
    (d) 19 U 25
    (e) None of these

47. If the first half of the English alphabets is written in reverse order, which letter will be exactly midway between the ninth letter from the left and the tenth letter from the right?
    (a) B
    (b) A
    (c) N
    (d) D
    (e) None of these

48. How many 9s in the following number series are immediately preceded by 3 and followed by 6?
    3 9 6 9 3 9 3 9 3 9 6 3 6 3 9 5 6 9 9 5 6 9 3 9 6 3 9
    (a) Nil
    (b) 2
    (c) 3
    (d) 4
    (e) More than 4

49. If the second half of the following alphabets is written in the reverse order, which will be the tenth letter to the left of the ninth letter counting from your right end?
    A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

(a) I   (b) C   (c) J   (d) H

(e) None of these

50. How many such 8s are there in the following number sequence which are immediately preceded by 5 but not immediately followed by 3?

5 8 3 3 8 5 5 8 5 4 5 8 3 8 5 8 3 8 5 3 8 5 8 8 5 3 8 5 8 3

(a) 1   (b) 2   (c) 3   (d) 4

(e) More than 4

Test II - Numerical Ability

51. If $\sqrt{2} = 1.414, \sqrt{3} = 1.732$ and $\sqrt{5} = 2.236$, then the value of $\dfrac{2}{\sqrt{3}+\sqrt{5}} + \dfrac{3}{\sqrt{3}-\sqrt{5}}$ is

(a) –3.212   (b) 3.212   (c) 6.424

(d) 6.224   (e) None of these

52. Express 0.363636 _ _ _ in the $\dfrac{P}{q}$ form.

(a) $\dfrac{35}{99}$ (b) $\dfrac{35}{33}$ (c) $\dfrac{-12}{33}$

(d) $\dfrac{12}{33}$ (e) None of these

53. The value of $4\sqrt{3} - 6\sqrt{18} + 4\sqrt{50} - 4\sqrt{12}$ is

(a) $2\left(\sqrt{2} - 2\sqrt{3}\right)$ (b) $2\left(\sqrt{2} + 2\sqrt{3}\right)$

(c) $2\left(-\sqrt{2} - 2\sqrt{3}\right)$ (d) $-2\left(-\sqrt{2} - 2\sqrt{3}\right)$

(e) None of these

54. The value of x on simplifying $2x - 4|x| = 12$

(a) –6, –2   (b) –2, 6   (c) 2, –6

(d) 3, 2   (e) None of these

55. The value of $|5 - 12|$ is

(a) –7   (b) 7   (c) –17

(d) 17   (e) 2

56. $0.\overline{345}$ is

(a) $\dfrac{55}{19}$ (b) $\dfrac{19}{55}$ (c) $\dfrac{20}{55}$

(d) $\dfrac{55}{20}$ (e) None of these

57. $\dfrac{5 + \sqrt{6}}{5 - \sqrt{6}} = a + b\sqrt{6}$, then $a =$

(a) $\dfrac{10}{19}\sqrt{6}$ (b) $\dfrac{10}{19}$ (c) $\dfrac{30}{19}$

(d) $\dfrac{31}{19}$ (e) None of these

58. Two numbers are said to be coprime if they have

(a) one common factor except 1

(b) two common factor except 1

(c) three common factor except 1

(d) no common factor except 1

(e) four common factor except 1

59. $4\sqrt{10} \div 2\sqrt{5}$ is

(a) $2\sqrt{3}$ (b) $2\sqrt{2}$ (c) $\sqrt{2}$

(d) $\sqrt{3}$ (e) 5

60. $6\sqrt{2} \times 9\sqrt{3} \times 4\sqrt{2}$
       (a) $432\sqrt{3}$ (b) $432\sqrt{2}$ (c) $400\sqrt{2}$
       (d) 8   (e) None of these

61.   A sum of Rs. 500 was lent out at a simple interest and at the end of 5 years the total amount was Rs. 800. Find the rate of interest percent per annum.
       (a) 10%   (b) 12%   (c) 14%
       (d) 16%   (e) None of these

62.   In simple interest on Rs. 3000 increases by Rs. 90, when the rate % increases by 3% per annum. Find the time.
       (a) 1 years   (b) 2 years   (c) 3 years
       (d) 4 years   (e) None of these

63.   5/8 of 4/9 of 3/5 of 222 =

       (a) 39   (b) 42   (c) 38

       (d) 37   (e) None of these

64. $(7-995)^2 + 90.951 - ? = 12-1001 + 10-995$
       (a) 33   (b) 48   (c) 22
       (d) 17   (e) 23

65.   24.001 x 14.001 ÷ 3.4999 + 2^2 = ?

       (a) 500   (b) 450   (c) 250
       (d) 525   (e) 475

66. $\sqrt{1024} \times 24.999 + 75\%$ of $410 = ?$

(a) 1175   (b) 1025   (c) 230
(d) 1100   (e) 1250

67. $\dfrac{(4)^2 + (8)^2}{(6)^2} = ?$

   (a) 3 2   (b) 2 1   (c) 2 1
   (d) 4.2   (e) none

68. $777 - \dfrac{(167 - 48)}{7} =$

   (a) 760   (b) 570   (c) 777
   (d) 860   (e) 300

69. $(18)^2 - (14)^2 = ? \times 4$
   (a) 32   (b) 38   (c) 41
   (d) 52   (e) 43

70   $(11.999)^2 \div 4.001 + 17.999 = ?$
   (a) 7   (b) 47   (c) 48
   (d) 62   (e) 54

71. $? + 26.999 + 95.001 - 23 = 160.999$
   (a) 86   (b) 54   (c) 50
   (d) 62   (e) 42

72. $27.06 \times 25 - ? = 600$

   (a) 76.3   (b) 76.5   (c) 77.5
   (d) 66.5   (e) 66.75

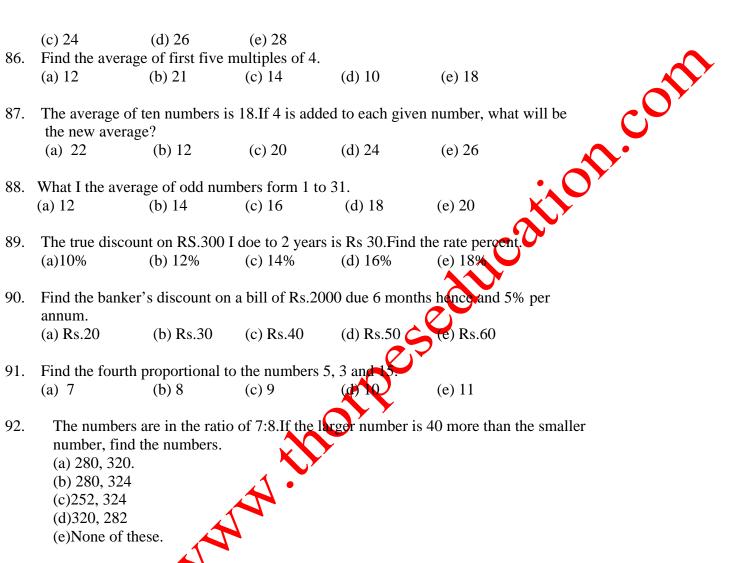73.   A man buys pencils at 10 for Rs.3 and sells at 8 for Rs.3. His gain percent is
       (a) 20   (b) 25   (c) 30
       (d) 27   (e) 35

74.   Price of apples increases by 15%. Manu buys apples every week & finds that he got 3 apples every
       week & finds that he got 3 apple for Rs.20. what is the price per apple.
       (a) 87 p   (b) 1R   (c) 40 p
       (d) 52 p   (e) 54 p

75.   A trader sold a radio set at 5% loss. If it would have been sold for Rs. 55.25 more, there would have
       a profit of 8%. What was the cost price of the radio set?
       (a) Rs. 534   (b) Rs. 345   (c) Rs. 425
       (d) Rs. 354   (e) Rs.544

76.   A trader marks his goods at 40% above his cost price and allows a discount of 10% on the marked
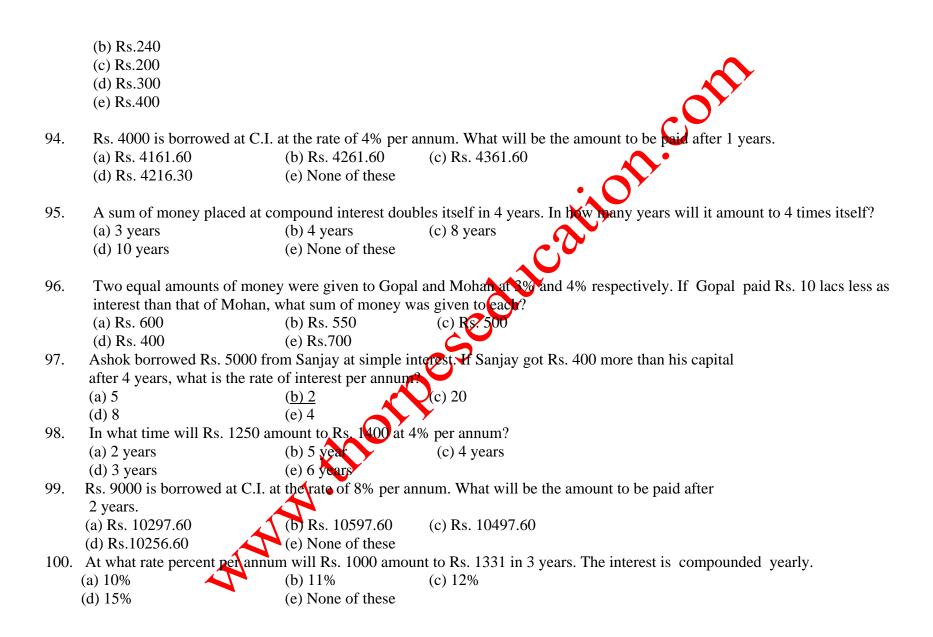   price.What profit per cent does be make?
       (a) 30%   (b) 36%   (c) 40%
       (d) 26%   (e) 42%

77.   A and B together can do a work in 8 days. If A alone can do it in 12 days, then in how many days
       can B alone do it?
       (a) 24   (b) 14   (c) 7
       (d) 21   (e) 22

78.   Ram, Dalip and Shakhar can complete a work in 20 days. If Ram and Dilip together can complete
       the same work in 30 days, then how long would Shekhar take a complete it?
       (a) 40 days   (b) 50 days   (c) 60 days
       (d) 70   (e) Data inadequate

79.   If the length of a train is 150 metres and it clears a pole in 12 seconds, what is the speed of the train

in km per hour?
(a) 60   (b) 50   (c) 45
(d) 75   (e) 80

80. If a train is running at the speed of 86.4 km/hr, how much distance will it cover in 10 minutes?
(a) 0.014 km   (b) 144 km   (c) 14.4 km
(d) 1.44 km   (e) 2.44 km

81. There are 1000 students in a school. Out of these 15% are Muslim, 10% are Christian and the rest are
Hindu. What is the number of Hindu students ?
(a) 250   (b) 750   (c) 500
(d) 400   (e) 600

82. Price of an article is reduced by 20%. To bring the price to the original, how much increase will be
done on its cost?
(a) 12.5%   (b) 20%   (c) 25%
(d) 37.5%   (e) 40%

83. A and B rent a pasture for 10 months: A puts in 80 cows for 7 months. How many can B put in for the
remaining 3 months, if he pays half as much again as A ?

(a) 120   (b) 180   (c) 200
(d) 280   (e) 220

84. The L.C.M of two numbers is 5880 and their H.C.F is 4.If on of the numbers is 120,
find the other.
(a) 190   (b) 196
(c) 180   (d) 186   (e) 180

85   What is the greatest number that will divide 48, 96, 72.
(a) 20   (b) 22

(c) 24   (d) 26   (e) 28

86. Find the average of first five multiples of 4.
 (a) 12   (b) 21   (c) 14   (d) 10   (e) 18

87. The average of ten numbers is 18.If 4 is added to each given number, what will be
 the new average?
 (a) 22   (b) 12   (c) 20   (d) 24   (e) 26

88. What I the average of odd numbers form 1 to 31.
 (a) 12   (b) 14   (c) 16   (d) 18   (e) 20

89. The true discount on RS.300 I doe to 2 years is Rs 30.Find the rate percent.
 (a)10%   (b) 12%   (c) 14%   (d) 16%   (e) 18%

90. Find the banker's discount on a bill of Rs.2000 due 6 months hence and 5% per
 annum.
 (a) Rs.20   (b) Rs.30   (c) Rs.40   (d) Rs.50   (e) Rs.60

91. Find the fourth proportional to the numbers 5, 3 and 15.
 (a) 7   (b) 8   (c) 9   (d) 10   (e) 11

92.   The numbers are in the ratio of 7:8.If the larger number is 40 more than the smaller
 number, find the numbers.
 (a) 280, 320.
 (b) 280, 324
 (c)252, 324
 (d)320, 282
 (e)None of these.

93.   The amount of Rs.600 is distributed among A, Band C in the ratio of 2:3:4.What is the share of B?
 (a) Rs 220

(b) Rs.240
(c) Rs.200
(d) Rs.300
(e) Rs.400

94.   Rs. 4000 is borrowed at C.I. at the rate of 4% per annum. What will be the amount to be paid after 1 years.
       (a) Rs. 4161.60   (b) Rs. 4261.60   (c) Rs. 4361.60
       (d) Rs. 4216.30   (e) None of these

95.   A sum of money placed at compound interest doubles itself in 4 years. In how many years will it amount to 4 times itself?
       (a) 3 years   (b) 4 years   (c) 8 years
       (d) 10 years   (e) None of these

96.   Two equal amounts of money were given to Gopal and Mohan at 3% and 4% respectively. If Gopal paid Rs. 10 lacs less as
       interest than that of Mohan, what sum of money was given to each?
       (a) Rs. 600   (b) Rs. 550   (c) Rs. 500
       (d) Rs. 400   (e) Rs.700

97.   Ashok borrowed Rs. 5000 from Sanjay at simple interest. If Sanjay got Rs. 400 more than his capital
       after 4 years, what is the rate of interest per annum?
       (a) 5   (b) 2   (c) 20
       (d) 8   (e) 4

98.   In what time will Rs. 1250 amount to Rs. 1400 at 4% per annum?
       (a) 2 years   (b) 5 year   (c) 4 years
       (d) 3 years   (e) 6 years

99.   Rs. 9000 is borrowed at C.I. at the rate of 8% per annum. What will be the amount to be paid after
        2 years.
       (a) Rs. 10297.60   (b) Rs. 10597.60   (c) Rs. 10497.60
       (d) Rs.10256.60   (e) None of these

100.   At what rate percent per annum will Rs. 1000 amount to Rs. 1331 in 3 years. The interest is compounded yearly.
       (a) 10%   (b) 11%   (c) 12%
       (d) 15%   (e) None of these

Test III – Clerical Aptitude

Direction (Q 101-130): In each of the 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) the number of that column which contains that combination is the answer. If all the combinations are different, the answer is (e).

101.	Ramesh Singh G. T. Road, Phone: (11) 25619688	Ramesh Singh G. T. Rod, Phone: (11) 25619688	Ramesh Singh G. T. Road, Phone: (011) 25619688	Ramesh Singh G. T. Road, Phone: (11) 25619688	Ramsh Singh G. T. Road, Phone: (11) 25619688	None
102.	Arya Kant Pragati Bhawan, Hanuman Tekdi, Koti	Aryan Kant Pragati Bhawan, Hanuman Tekdi, Koti	Arya Kant Pragati Bhawan, Hanuman Tekdi, Koti	Arya Kanti Pragati Bhawan, Hanuman Tekdi, Koti	Arya Kant Near Pragati Bhawan, Hanuman Tekdi, Koti	None
103	Naina Kumari, Diag Opp. Coffee Day, Jamnagar	Naina Kumari, Diag Opp. Coffee Day, Jamianagar	Naina Kumari, Opp. Coffee Day, Jamnagar	Naina Kumari, Diag Opp. Cafe Day, Jamnagar	Naina Kumari, Diag Opp. Coffee Day, Jamnagar	None
104	Maha Laxmi 18th Cross Road Mumbai	Maha Laxmi 18th Cross Road Mumbai	MahaLaxmi 18 Cross Road Mumbai	Maha Laxmi 18th Cross Rod Mumbai	Maha Laxmi 18th Cross Road Mumbi	None

105	Harsh Bahadur Sector 11, A- Block, New Delhi.	Harsh Bahadur Sector 11, A- Block, New Delhi.	Harsh Bahadur Sector 11, A- Block, New Delhi.	Harsh Bahadur Sector 11, A- Block, New Delhi.	Harsh Bahadur Sector 11, A- Block, New Delhi.	None
106	Munish Manohar Government College, Mumbai – 411 008	Munish Manohar Govenment College, Mumbai – 411 008	Munish Manohar Government College, Mumbai – 411 08	Munish Manohar Government College, Mumbai – 411 008	Munish Manohr Government College, Mumbai – 411 008	None
107	Kanti Prasad 78/D Rajinder Nagar Tel. 09822295055	Kanti Prasad 78D Rajinder Nagar Tel. 09822295055	Kanti Prasad 78/D Rajinder Nagar Tel. 09822295055	Kanti Prasad 78/D Rajinder Nagar Tel. 9822295055	Kanti Prasad 78/D Rajinder Nagar Tel. 0982229555	None
108	RajniKant 11, Balram pur Near circus ground , Kolkata	RajniKant 11, Balram pur Near circus ground , Kolkata	RajniKant 11, Balram pur Ner circus ground , Kolkta	RajniKant 1, Balram pur Nar circus ground , Kolkata	Rajnish Kant 11, Balram pur Near circus ground , Kolkata	None
109	Parul Sinha 143/1, Rashbehari, Maharashtra - 29	Parul Sinha 143/1, Rashbehari, Maharashtra - 29	Parul Sinha 1431, Rashbehari, Maharashtra - 29	Parul Sinha 143/1, Rashbehari, Maharashtra - 9	Parul Sinha 148/1, Rashbehari, Maharashtra - 29	None
110	Gambhir Singh Kalyani Pouro Sabha, Kalyani – 160 015	Gambhir Singh Kalyani Pouro Saba, Kalyani – 160 015	Gambhir Singh Kalyani Pouro Sabha, Kalyani – 160 015	Gambhir Singh Kalyani Pouro Sabha, Kalyani – 160 15	Gambhir Sing Kalyani Pouro Sabha, Kalyani – 160 015	None

111	Ritu Khanna Matunga (Central Rly) Mumbai 400029	Ritu Khanna Matunga (Central Rly) Mumbai 400 29	Ritu Khanna Matunga (Central Rly) Mumbai 400029	Riti Khanna Matunga (Central Rly) Mumbai 400029	Ritu Khana Matunga (Central Rly) Mumbai 400029	None
112	Nitin Batra 111, Trimurti Road Kanpur - 41	Nitin Batra 11/1, Trimurti Road Kanpur - 41	Nitin Batra 11, Trimurti Road Kanpur - 4	Nitin Batra 111, Trimurti Road Kanpur - 41	Nitin Batra 1/11, Trimurti Road Kanpur - 41	None
113	Ashwani Kumar Opp. Siliguri College, Siliguri - 734 011	Ashwani Kumar Opp. Siliguri College, Siliguri - 734 001	Ashwani Kumar Op. Siliguri College, Siliguri - 734 011	Ashwani Kumar Opp. Siliguri College, Siliguri - 734 011	Ashwani Kumaar Opp. Siliguri College, Siliguri - 734 011	None
114	Rinku 3rd floor, Neelkamal, Durgapur - 713211.	Rinku 3rd floor, Neelkamal, Durgapur - 713211.	Rinku 3rd floor, Nelkamal, Durgapur - 713211.	Rinku 3rd floor, Neelkamal, Durgapur - 713201.	Rinku 2rd floor, Neelkamal, Durgapur - 713211.	None
115	Rakhi Gulzar B-35 Pink City TANK ROAD, JAIPUR	Rakhi Gulzar B-35 Pink City TANK ROAD, JAIPUR	Rakhi Gulzar B-5 Pink City TANK ROAD, JAIPUR	Rakhi Gulzar B-35 Pink City TONK ROAD, JAIPUR	Rakhi Guljar B-35 Pink City TANK ROAD, JAIPUR	None
116	Anjali Mehra 3217, 2nd Floor, Meghna Road, Indore	Anjali Mehra 3217, 2nd Floor, Meghna Road, Indore	Anjali Mehra 3217, 2nd Floor, Megha Road, Indore	Anjali Mehra 3217, 22nd Floor, Meghna Road, Indore	Anjali Mehra 32178, 2nd Floor, Meghna Road, Indore	None
117	VIKESH SHAH Mumbai Tel. 430 016	VIKESH SHAH Mumbai Tel. 430 016	VIKESH SHAH Mumbai Tel. 430 016	VIKESH SHAH Mumbai Tel. 430 016	VIKESH SHAH Mumbai Tel. 430 016	None
118	Diksha Kumaria 16 B, Sahid Nagar, Orissa 751003	Diksha Kumaria 16 B, Sahid Nagar, Orissa 751003	Diksha Kumaria 16 B, Sahid Nagar, Orissa 751003	Diksha Kumaria 16 B, Sahid Nagar, Orissa 751003	Diksha Kumaria 16 B, Sahid Nagar, Orissa 751003	None

119	Alka Vashisth Devendra Nagar, Raipur - 292009	Alka Vashisth Devendr Nagar, Ripur - 292009	Alka Vashisth Devendra Nagar, Raipur - 292009	Alka Vashisth Devendr Nagar, Raipur - 292009	Alka Vashist Devendra Nagar, Raipur - 292009	None
120	Bharat 11, Community Center, Chandigarh- 160020	Bharat 11, Community Center, Chandigarh- 16020	Bharat 11, Comunity Center, Chandigarh- 160020	Bharat 11, Community Center, Chandigarh- 160020	Bharat 111, Community Center, Chandigarh- 160020	None
121	Konika Mehra 11/D, Golemarket, New Delhi-110001	Kanika Mehra 11/D, Golemarket, New Delhi-110001	Konika Mehra 111D, Golemarket, New Delhi-110001	Konika Mehra 11/D, Golmarket, New Delhi-110001	Konika Mehra 11/D, Golmarket, New Delhi-110001	None
122	Suresh Kumar 11/D, Near Laxmi Bai College, Delhi – 46.	Suresh Kumar 11/D, Near Laxmi Bai College, Delhi – 47.	Sures Kumar 11/D, Ner Laxmi Bai College, Delhi – 46.	Suresh Kumar 11/D, Near Laxmi Bai College, Delhi – 46.	Suresh Kumar 11D, Near Laxmi Bai College, Delhi – 46.	None
123	Sneh Lata 133, Opp Sai Baba Mandir, Lodhi Road,	Sneh Lata 133, Opp Sai Baba Mandir, Lodhi Road,	Sneh Lata 133, Opp Saii Baba Mandir, Lodhi Road,	Sneh Lata 13, Opp Sai Baba Mandir, Lodhi Road,	Sneha Lata 133, Opp. Sai Baba Mandir, Lodhi Road,	None

124	Trishna Kapoor 161 D, Opp. New Market, Tel: 2593112	Trishna Kapor 161 D, Opp. New Market, Tel: 2593112	Trishna Kapoor 161 D, Opp. New Market, Tel: 2593112	Trishna Kapour 161 D, Opp. New Market, Tel: 2593112	Trishna Kapoor 16 D, Opp. New Market, Tel: 2593112	None
125	Gautam Kumar B-146,Mandir Marg Delhi.	Gautam Kumar B-146,Mandir Marg Delhi.	Gautam Kumar B-146,Mandir Marg Delhi.	Gautam Kumar B-146,Mandir Marg Delhi.	Gautam Kumar B-146,Mandir Marg Delhi.	None
126.	Rajkumar A-202, GE Cross Road, AHMEDABAD – 19	Rajkumar A-202, G Cross Road, AHMEDABAD – 19	Rajkumar A-20, GE Cross Road, AHMEDABAD – 19	Rajkumar A-202, GE Cross Road, AHMEDABAD – 19	Rajkumar A-202, GE Cross Road, AHMEDABAD – 9	None
127	Gitika Desai 17, 1st floor, MP Nagar, M.P.	Gitika Desai 17, 1st floor, MP Nagar, M.P.	Gitika Desai 17, 1st floor, MP Nagar, M.P.	Gitika Desai 17, 1st floor, MP Nagar, M.P.	Gitika Desai 17, 1st floor, MP Nagar, M.P.	None
128	Salina Jetli 60, Near Kalyan Cafe, Sayajigunj, Mumbai	Salina Jetli 60, Near Kalyan Cafe, Sayajigunj, Mumbai	Salrna Jetli 60, Near Kalyan Cafe, Sayajigunj, Mumbai	Salina Jetli 610, Near Kalyan Cafe, Sayajigunj, Mumbai	Salina Jetlli 60, Near Kalyan Cafe, Sayajigunj, Mumbai	None
129	Suman Bala LG-401, Ghodan Road, Surat 30	Suman Bala LG-401, Ghodan Road, Surat 30	Suman Bala LG-41, Ghodan Road, Surat 30	Suman Bala LG-401, Godan Road, Surat 30	Suman Bala LG-401, Ghodan Road, Suurat 30	None

| 130 | Himanshu Kumar DLF Building, Ram Nagar, New Delhi. | Himanshu Kumar DLF Building, Ram Nagar, New Delhi. | Himanshu Kumar DLF Building, Ram Nagar, New Delhi. | Himanshu Kumar DLF Building, Ram Nagar, New Delhi. | Himanshu Kumar DLF Building, Ram Nagar, New Delhi. | None |

Direction (Q131-135): In each question below five words are given. Which of them will come at the first place if all of them are arranged alphabetically as in a dictionary?

131. (a) zealot   (b) zeitgeist   (c) zinger   (d) zygote   (e) zorbing
132. (a) uncertain   (b) unbelief   (c) unable   (d) underlay   (e) ungainly
133. (a) holy   (b) honest   (c) homage   (d) horde   (e) hoard
134. (a) ceiling   (b) cellular   (c) cereal   (d) cease   (e) certitude
135. (a) beneficial   (b) behead   (c) bereave   (d) believe   (e) beggar

Direction (Q136-140): The letters in each of the question below is to be codified in the following codes:

Letters	R	A	S	Q	U	M	B	E	T	W
No. Codes	1	0	7	3	4	5	6	2	8	9

You have to find out which of the 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. SEQUMB
     (a) 723546   (b) 023186   (c) 023967   (d) 723456   (e) none of these
137. RQUBTE
     (a) 134682   (b) 168342   (c) 734682   (d) 581273   (e) none of these
138. SAEWTR
     (a) 271054   (b) 702981   (c) 712098   (d) 213470   (e) none of these
139. WBRASQ
     (a) 128574   (b) 054781   (c) 961073   (d) 960137   (e) none of these
140. EBUMSQ
     (a) 246537   (b) 246710   (c) 217453   (d) 264573   (e) none of these

Direction (Q141-145): The numbers in each of the question below is to be codified in the following codes.

Numbers	9	5	2	3	4	1	6	7	8	0
Codes	S	N	K	T	P	W	C	M	B	F

You have to find out which of the 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.

141. 167809
    (a) WCMBFS   (b) WSPKCB   (c) WPFTSB
    (d) WCFSCM   (e) none of these

142. 523419
    (a) NPWCNK   (b) NFBCMW   (c) NKTPWS
    (d) NTPCWK   (e) none of these

143. 167802
    (a) WSNKTP   (b) WPTSNK   (c) WFBSNK
    (d) WCMBFK   (e) none of these

144. 087614
    (a) FBMCWP   (b) FSNKTP   (c) FBPTSN
    (d) FBKWCS   (e) none of these

145. 952801
    (a) SNKFBW   (b) SNKBFW   (c) SNFBTP
    (d) SWCMFB   (e) none of these

Direction (Q146-150): The news item in each question below is to be classified into one of the following five areas.

146. Study finds more elderly develop diabetes
      (a) Politics   (b) Science and Health   (c) Sports
      (d) Social issues   (e) Economics and Commerce

147   CCS Infotech opens IT showroom in Chennai
      (a) Politics   (b) Science and Health   (c) Sports
      (d) Social issues   (e) Economics and Commerce

148   15 year-old Yuki Bhambri is Asia/Oceania junior tennis champion
      (a) Politics   (b) Science and Health   (c) Sports and Culture
      (d) Social issues   (e) Economics and Commerce

149. Amar Singh's new abode named after Ash

      (a) Politics   (b) Science and Health   (c) Sports
      (d) Miscellaneous   (e) Economics and Commerce

150. Govinda decides to quit politics
      (a) Political and Diplomatic   (b) Science and Health   (c) Sports
      (d) Miscellaneous   (e) Economics and Commerce

Test IV – English Language

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

Passage I

The general principles of dynamics are rules which demonstrate a relationship between the motions of bodies and the forces which produce those motions. Based in large part on the work of his predecessors, sir Isaac Newton deduced three laws of dynamics which he published in 1687 in his famous principia.

Prior to Newton, Aristotle had established that the natural state of a body was a state of rest, and that unless a force acted upon it to maintain motion, a moving body would come to rest. Galilco had succeeded in correctly describing the behaviour of falling objects and in recording that no force was required to maintain a body in motion. He noted that the effect of force was to change motion. Huygens recognized that a change in the direction of motion involved acceleration, just as did a change in speed, and further, that the action of a force was required, Kepler deduced the laws describing the motion of planets around the sun. It was primarily from Galileo and Kelper that Newton borrowed.

151. Which of the following scientist established that the natural state of a body was a state of rest?
    (a) Galileo   (b) Kepler
    (c) Aristotle   (d) Newton   (e) Archimedes

152. Huygen stated that acceleration was required
    (a) for either a change in direction or a change in speed
    (b) only for a change in speed
    (c) only for a change in direction
    (d) neither for a change in direction nor for a change in speed
    (e) None of the above

153. The first scientist to correctly describe the behavior of falling objects was
    (a) Aristotle   (b) Newton
    (c) Kepler   (d) Galileo
    (e) None of these

154. According to this passage, Newton based his laws primarily upon the work of
(a) Galileo and Copernicus   (b) Huygens and Kepler
(c) Huygens and Kelper   (d) Galileo and Kepler   (e) Galileo and Huygens

155. What was the main purpose of this passage?
(a) To demonstrate the development of Newton's laws
(b) To establish Newton as the authority in the field of physics
(c) To discredit Newton's laws of motion
(d) To describe the motion of planets around the sun
(e) To describe the motion of earth around the sun

Passage II

Although stage play have been set to music since the era of the ancient Greeks when the dramas of Sophocles and Aeschylus were accompanied by lyres and fluetes, the usually accepted date for the beginning of opera as we know it is 1600. As part of the celebration of the marriage of king Henry IV of France to the Italian aristocrat Maria de Medici, the Florentine composer Jacopo Peri produced his famous Euridice, generally considered to be the first opera. Following his example, a group of Italian musicians called the Camerata began to revive the style of music story that had been used in Greek tragedy.

156. This passage is a summary of
(a) opera in Italy   (b) the development of opera
(c) the Camerata   (d) Euridice   (e) None of these

157. According to the author, Jacopo Peri wrote
(a) Greek tragedy   (b) the opera Maria de Medici
(c) the first opera   (d) the opera The Camerata   (e) None of these

158. We can infer that the Camerata
(a) was a group of Greek musicians
(b) developed a new musical drama based upon Greek drama

(c) was not known in Italy

(d) was the name given to the court of King Henry IV

(e) none of these

159. The author suggests that Euridice was produced

    (a) in France   (b) originally by Sophocles and Aeschylus

    (c) without much success   (d) for the wedding of King Henry IV

    (e) None of these

160. According to this passage, modern opera began in the

    (a) time of the ancient Greeks   (b) sixteenth century

    (c) fifteenth century   (d) seventeenth century

    (e) Middle of sixteenth century

Direction (161-165): Choose the word similar in meaning to the given word.

161 disposed to find fault

    (a) captious   (b) cant

    (c) aberrant   (d) arable   (e) None of these

162 a chest where money or valuables are kept

    (a) altruistic   (b) altruistic

    (c) coffer   (d) bereft

    (e) None of these

163 a natural growth; a periodic increase

    (a) brevity   (b) abysmal

    (c) accrue   (d) bilateral   (e) dynamic

164 mixed with a darker color

    (a) arrogant   (b) ambiguous

(c) brindled	(d) arid	(e) gaudy

165 expert or skillful
   (a) amass   (b) acrimony
   (c) accolade   (d) adroit   (e) aberrant

Direction (166-170): Choose the word opposite in meaning to the given word.

166. Asperous
   (a) Smooth   (b) Wrinkled
   (c) Harsh   (d) Ridged   (e) Dark

167. Assert
   (a) Profess   (b) controvert
   (c) Endure   (d) terminate   (e) assess

168. Deprive
   (a) Aid   (b) Dispossess
   (c) alleviation   (d) Hindrance   (e) none of these

169. Gloomy
   (a) Obscure   (b) Somber
   (c) Bouncy   (d) Frothy   (e) dawn

170. Callously
   (a) Humanely   (b) mercilessly
   (c) well   (d) Unkindly   (e) none of these

Direction (Q 171-175): In each of the following questions a related pair of words or phrases are given. Each pair is followed by five other pairs of words. Choose the pair that best expresses the relationship and by the original pair.

171. Net : Ball
    (a)   Winter : Weather
    (b)   Game : Defeat
    (c)   Stadium : Seats
    (d)   Hook : Fish
    (e)   Collection :coins

172. Wet : Dry
    (a)   Worse : Worst
    (b)   Weather : Temperature
    (c)   Scold : Praise
    (d)   Rise : Walk
    (e)   Deaf :dumb

173. Laugh : Joke
    (a)   Moral : Story
    (b)   Pain : Headache
    (c)   Painting : Sketch
    (d)   Film : Negative
    (e)   Blue:sky

174. Doctor : Medicine
    (a)   Teacher : Lecture
    (b)   Blackboard : Ink
    (c)   Poetry : Tune
    (d)   Entrance : Exit
    (e)   Honest: dishonest

175.   Litre : Volume
    (a)   Inch : Length
    (b)   Metre : Length
    (c)   Air : Pound
    (d)   Field : Area
    (e)   Area:square

Direction (Q 176 -180): Read each sentences to find out whether there is any grammatical error or idiomatic error in it. The error, if any, will be in one part of the sentence. The number of that part is the answer. If there is no error, the answer is (e). (Ignore errors of punctuation, if any)

176.   (a) They have invited/(b) Sushma and I/(c) for the meeting to be /(d) held in the next month. /(e) No error

177.   (a) The city people stayed/(b) fearlessly despite of/(c) rumor of terrorist attack/(d) in the area./(e) No error

178.   (a) the Director asked me/(b) how I have not/(c) taken his permission/(d) before applying for the new job./(e) No error

179.   (a) Buy presents for ladies/(b) in their absence/(c) is a very/(d) difficult task./(e) No error

180.   (a) A disaster management cell is opened/(b) by the state government/(c) before the rainy season/(d) as a precautionary measure./(e) No error.

Direction (Q 181 -185): In the following questions, there are six sentences marked S_1, S_6, P, Q, R, S. The position of S_1 and S_6 are fixed. You 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. Mark your response on the Answer Sheet at the appropriate space.
181. S_1:   One day Phatik lost his lesson-book.
    S_6:   Even his cousins were ashamed to own him.
    P: His condition became miserable.
    Q: Even with the help of books he had found it difficult to prepare his lesson.
    R: The teacher would cane him mercilessly.
    S: Now, it was impossible.

The proper sequence should be:
(a) P S R Q   (b) P R Q S
(c) Q S R P   (d) Q P R S
(e) P Q R S

182. S₁: One day he stole a piece of gold.
       S₆: His father read the confession and then tore up the paper without saying a word.
       P: Stealing was a great sin.
       Q: He wrote a confession of his crime and handed
       R: He decided never in his life to steal again.
       S: He knew that he had committed a great crime.
       The proper sequence should be:
       (a) P R S Q   (b) P S R Q
       (c) R Q S P   (d) R Q P S   (e) Q R S P

183. S₁: A superstition is a belief people hold which is not based on reason.
       S₆: In this way; they feel they will avoid bad luck.
       P: People believe that they can bring themselves good luck by acting in certain ways.
       Q: When some people spill salt they immediately take some of it and throw it over their left shoulder.
       R: These beliefs often go against the laws of nature as we know them.
       S: An example of this involves salt.
       The proper sequence should be:
       (a) R S Q P   (b) P R S Q
       (c) R P S Q   (d) P S Q R   (e) P Q R S

184. S₁: There is a widespread assumption that work gets harder after 40.
       S₆: But you must have done the right things before that milestone birthday.
       P: The responsibilities may be heavier but now you are judged for your experience.
       Q: But in most places work gets dramatically easier after 40.
       R: Most of the major rewards of success tend to accumulate after the age of 40.
       S: Of course, a few things do get harder, like getting up in the morning without any pain or ache.

The proper sequence should be:

(a) P S R Q   (b) S Q P R

(c) S P Q R   (d) P R Q S   (e) Q S P R

185.   S$_1$:   I stood staring into the pit

        S$_6$:   At the sound of birds overhead, I looked up at the huge Fighting Machine that would fight no more.

        P: Across on the other side of the pit, huge and strange, lay a great Flying Machine.

        Q: The huge engines, so great and wonderful in their power, so unearthly in their shapes, rose out of the shadows.

        R: They must have been experimenting with this when decay and death stopped them.

        S: A crowd of dogs fought over the bodies that lay in depth of the pit, far below me.

        The proper sequence should be:

        (a) Q S P R   (b) Q R S P

        (c) P Q S R   (d) P R Q S   (e) R S P Q

Direction (Q 186-190): Pick out the most effective word/phrase from the given words to fill in the black to make the sentence meaningfully complete.

186.   The festival must be perceived as an effort to _____ relations between both nations.

        (a) confirm   (b) evoke   (c) pave

        (d) swap   (e) improve

187.   _____ by the female anopheles mosquito malaria is common during the monsoon.

        (a) Typical   (b) Aggravated   (c) Inflicted

        (d) Acquired   (e) Transmitted

188.   The morning _____ was shattered by her terrified screams.

        (a) routine   (b) services   (c) tranquility

        (d) prayers   (e) excitement

189.   Out team _____ to make every effort to clinch the title.

        (a) practiced   (b) vowed   (c) believed

        (d) try   (e) decide

190. The Government failed to _____ the sleep rise in prices of essential commodities.
     (a) examine   (b) debate   (c) check
     (d) defend   (e) decrease

Direction (Q 191-195): Five alternatives are given for the idiom/phrase underlined in the sentence. Choose the alternative which best expresses the meaning of the idiom/phrase.

191. She is <u>a fair-weather friend</u>.
     (a) a good friend
     (b) a friend who meets difficulties calmly
     (c) one who deserts you in difficulties
     (d) a favourable friend
     (e) none of these

192. To <u>die in harness</u> means to die while
     (a) riding a horse   (b) in a stable
     (c) in a uniform   (d) still in service
     (e) in a battle

193. To <u>keep under wraps</u> means to keep something
     (a) covered   (b) protected
     (c) unpacked   (d) secret   (e) in the cupboard

194. After independence Indian agriculture rose <u>like a phoenix</u> due to the Green Revolution.
     (a) with a new life   (b) with a start
     (c) with royal gait   (d) with vengeance   (e) with support

195. His failure at the lection has been <u>a sore point</u> him for a long time.
     (a) something which hurts   (b) something that brings fear to
     (c) something memorable for   (d) something pleasurable to
     (e) something obvious

Direction (Q 196-200): 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.

To emancipate woman and make her the equal of man remains a possibility so long as the woman is shut out from socially productive labour and restricted to private domestic labour. The emancipation of woman will only be …(196)…when she can take part in production on a large social…(197)…and domestic work no longer claims anything but an …(198)…of her time. And only now has that become possible through modern large scale…(199)…which does not merely permit the…(200)…range but positively demands.

196. (a) probable   (b) easy
      (c) possible   (d) tuff   (e) done

197. (a) measure   (b) scale
      (c) proportion   (d) measurement   (e) network

198. (a) unimportant amount   (b) insignificant
      (c) trivial   (d) amount   (e) significant

199. (a) enterprise   (b) trade
      (c) industry   (d) business   (e) none of these

200. (a) use   (b) employment
      (c) absorption   (d) used   (e) unemployed

Answer Keys

1. (b)	29. (c)	57. (d)	85. (c)
2. (b)	30. (c)	58. (d)	86. (a)
3. (c)	31. (c)	59. (b)	87. (a)
4. (b)	32. (a)	60. (e)	88. (c)
5. (c)	33. (b)	61. (d)	89. (d)
6. (b)	34. (c)	62. (e)	90. (d)
7. (c)	35. (b)	63. (a)	91. (a)
8. (b)	36. (d)	64. (c)	92. (a)
9. (d)	37. (d)	65. (a)	93. (c)
10. (b)	38. (a)	66. (c)	94. (e)
11. (d)	39. (c)	67. (d)	95. (c)
12. (d)	40. (b)	68. (a)	96. (c)
13. (d)	41. (d)	69. (a)	97. (b)
14. (a)	42. (c)	70. (e)	98. (d)
15. (d)	43. (a)	71. (a)	99. (c)
16. (d)	44. (d)	72. (b)	100. (a)
17. (d)	45. (b)	73. (a)	101. (c)
18. (d)	46. (b)	74. (a)	102. (b)
19. (a)	47. (a)	75. (c)	103. (d)
20. (d)	48. (b)	76. (d)	104. (a)
21. (d)	49. (d)	77. (a)	105. (e)
22. (c)	50. (b)	78. (c)	106. (c)
23. (a)	51. (d)	79. (c)	107. (b)
24. (a)	52. (d)	80. (c)	108. (a)
25. (d)	53. (a)	81. (b)	109. (a)
26. (d)	54. (c)	82. (c)	110. (b)
27. (a)	55. (b)	83. (d)	111. (b)
28. (a)	56. (b)	84. (b)	112. (c)

113.	(c)	144.	(a)	175.	(b)
114.	(a)	145.	(b)	176.	(b)
115.	(a)	146.	(b)	177.	(b)
116.	(a)	147.	(e)	178.	(b)
117.	(e)	148.	(c)	179.	(a)
118.	(e)	149.	(d)	180.	(e)
119.	(b)	150.	(a)	181.	(a)
120.	(c)	151.	(a)	182.	(b)
121.	(d)	152.	(d)	183.	(b)
122.	(c)	153.	(d)	184.	(e)
123.	(a)	154.	(d)	185.	(c)
124.	(b)	155.	(a)	186.	(e)
125.	(e)	156.	(c)	187.	(e)
126.	(c)	157.	(b)	188.	(c)
127.	(e)	158.	(d)	189.	(b)
128.	(a)	159.	(d)	190.	(c)
129.	(a)	160.	(a)	191.	(c)
130.	(e)	161.	(a)	192.	(c)
131.	(a)	162.	(c)	193.	(d)
132.	(c)	163.	(c)	194.	(a)
133.	(e)	164.	(c)	195.	(a)
134.	(d)	165.	(d)	196.	(c)
135.	(e)	166.	(a)	197.	(b)
136.	(d)	167.	(b)	198.	(b)
137.	(a)	168.	(a)	199.	(a)
138.	(b)	169.	(c)	200.	(b)
139.	(c)	170.	(a)		
140.	(d)	171.	(d)		
141.	(a)	172.	(c)		
142.	(c)	173.	(c)		
143.	(d)	174.	(b)		