

Scheme - Code

State Code

Year

District Code

Centre Code

Roll No.

1

2

0

1

1

0

5

0

7

1

7

9

STATE LEVEL NATIONAL TALENT SEARCH EXAMINATION, 2011**AND****STATE LEVEL NATIONAL MEANS-CUM-MERIT SCHOLARSHIP EXAMINATION, 2011****MENTAL ABILITY AND SCHOLASTIC APTITUDE TEST****For Class VIII**

Time : Mental Ability Test - For General - 90 Minutes, For Disabled - 120 Minutes

Full Marks : 90

Time : Scholastic Aptitude Test - For General - 90 Minutes, For Disabled - 120 Minutes

Full Marks : 90

Instructions to Candidates

Read the following instructions carefully before you Answer the Questions.

Answers are to be given on a separate OMR Answer-sheet.

1. Please write your Scheme Code, State Code, District Code, Centre Code and Roll No. very clearly (only one digit in one Block) as given on your Admission Card. Please see that no Block is left unfilled and even zeros appearing in the Scheme Code. State Code, Year, District Code, Centre Code and Roll No. are correctly transferred to the appropriate Block on the booklet and on the Answer-sheet. **For example**, a student of Class VIII appearing from 'P' Centre., Scheme Code '3', State Code '55', Year '11' District Code '77', Centre Code '52' with Roll No. '106', will make entries in the Block as well as darken the related circle by a Blue or Black Ball Point Pen as under :-

Scheme Code	State Code	Year	District Code	Centre Code	Roll No.
3	5 5	1 1	7 7	5 2	1 0 6
①	① ①	● ●	① ①	① ①	● ① ①
②	② ②	② ②	② ②	② ●	② ② ②
●	③ ③	③ ③	③ ③	③ ③	③ ③ ③
④	④ ④	④ ④	④ ④	④ ④	④ ④ ④
⑤	● ●	⑤ ⑤	⑤ ⑤	● ⑤	⑤ ⑤ ⑤
⑥	⑥ ⑥	⑥ ⑥	⑥ ⑥	⑥ ⑥	⑥ ⑥ ●
⑦	⑦ ⑦	⑦ ⑦	● ●	⑦ ⑦	⑦ ⑦ ⑦
⑧	⑧ ⑧	⑧ ⑧	⑧ ⑧	⑧ ⑧	⑧ ⑧ ⑧
⑨	⑨ ⑨	⑨ ⑨	⑨ ⑨	⑨ ⑨	⑨ ⑨ ⑨
⑩	⑩ ⑩	⑩ ⑩	⑩ ⑩	⑩ ⑩	⑩ ● ⑩

For all subsequent purposes your Scheme Code, State Code, Year, District Code, Centre Code and Roll No. shall remain the same as given on the Admission Card.

- This test is in two Parts. Part-I (Mental Ability Test) consists of 90 Questions and Part-II (Scholastic Aptitude Test) consists of 90 Questions.
- All Questions in Part-I and Part-II carries 1 mark each.
- Since all Questions are compulsory, do not try to read through the whole Questions paper before beginning to Answer it.
- Begin with the first Question and keep on trying one Question after another till you finish both the parts.
- If you do not know the Answer to any Question, do not spend much time on it and pass on to the next one. Time permitting, you can come back to the Question which you have left in the first instance and try them again.
- Blank space has been provided for rough work at the end of each subject.
- Remember you have to darken the circle of Answer-sheet by a Blue or Black Ball Point Pen only; do not use a pencil.**
- Answer to each Questions is to be indicated by darkening, the number of the correct alternative in the Answer-sheet from amongst the ones given for the corresponding Questions in the question-booklet.
- Now turn to the next page and start Answering the Questions.

N.B.: Do not write on Question-Booklet anything except the Scheme Code, State Code, Year, District Code, Centre Code and Roll No. However, Rough Work can be done anywhere in the space provided for it in the Booklet.

Scheme - Code State Code Year District Code Centre Code Roll No.

1 2 0 1 1 2 9 5 3 1 9 3

STATE LEVEL NATIONAL TALENT SEARCH EXAMINATION, 2011
AND
STATE LEVEL NATIONAL MEANS-CUM-MERIT SCHOLARSHIP EXAMINATION, 2011
MENTAL ABILITY AND SCHOLASTIC APTITUDE TEST
For Class VIII

Time : Mental Ability Test - For General - 90 Minutes, For Disabled - 120 Minutes
 Time : Scholastic Aptitude Test - For General - 90 Minutes, For Disabled - 120 Minutes

Full Marks : 90
 Full Marks : 90

Instructions to Candidates

Read the following instructions carefully before you Answer the Questions.

Answers are to be given on a separate OMR Answer-sheet.

- Please write your Scheme Code, State Code, District Code, Centre Code and Roll No. very clearly (only one digit in one Block) as given on your Admission Card. Please see that no Block is left unfilled and even zeros appearing in the Scheme Code, State Code, Year, District Code, Centre Code and Roll No. are correctly transferred to the appropriate Block on the booklet and on the Answer-sheet. **For example**, a student of Class VIII appearing from 'P' Centre., Scheme Code '3', State Code '55', Year '11' District Code '77', Centre Code '52' with Roll No. '106', will make entries in the Block as well as darken the related circle by a Blue or Black Ball Point Pen as under :-

Scheme Code	State Code	Year	District Code	Centre Code	Roll No.
3	5 5	1 1	7 7	5 2	1 0 6
1	1 1	● ●	1 1	1 1	● 1 1
2	2 2	2 2	2 2	2 ●	2 2 2
●	3 3	3 3	3 3	3 3	3 3 3
4	4 4	4 4	4 4	4 4	4 4 4
5	● ●	5 5	5 5	● 5	5 5 5
6	6 6	6 6	6 6	6 6	6 6 ●
7	7 7	7 7	● ●	7 7	7 7 7
8	8 8	8 8	8 8	8 8	8 8 8
9	9 9	9 9	9 9	9 9	9 9 9
0	0 0	0 0	0 0	0 0	0 ● 0

For all subsequent purposes your Scheme Code, State Code, Year, District Code, Centre Code and Roll No. shall remain the same as given on the Admission Card.

- This test is in two Parts. Part-I (Mental Ability Test) consists of 90 Questions and Part-II (Scholastic Aptitude Test) consists of 90 Questions.
- All Questions in Part-I and Part-II carries 1 mark each.
- Since all Questions are compulsory, do not try to read through the whole Questions paper before beginning to Answer it.
- Begin with the first Question and keep on trying one Question after another till you finish both the parts.
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- Blank space has been provided for rough work at the end of each subject.
- Remember you have to darken the circle of Answer-sheet by a Blue or Black Ball Point Pen only; do not use a pencil.**
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- Now turn to the next page and start Answering the Questions.

N.B.: Do not write on Question-Booklet anything except the Scheme Code, State Code, Year, District Code, Centre Code



MENTAL ABILITY TEST

(मानसिक योग्यता परीक्षा)

Time : For General - 90 Minutes, For Disabled - 120 Minutes

समय : सामान्य के लिए-90 मिनट, विकलांग के लिए-120 मिनट

Full Marks : 90

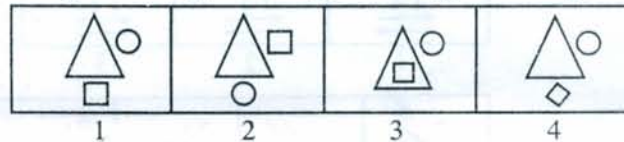
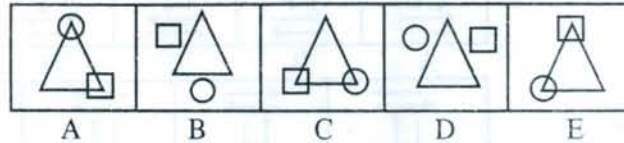
पूर्णांक : 90

[MAT-I]

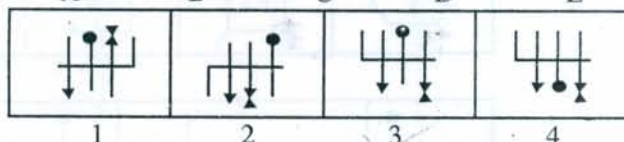
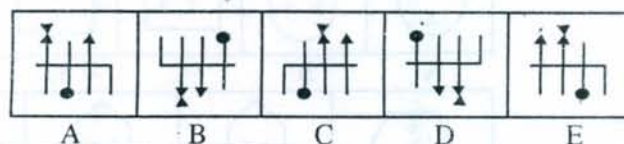
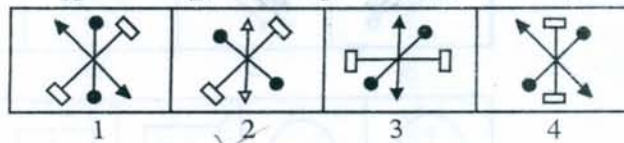
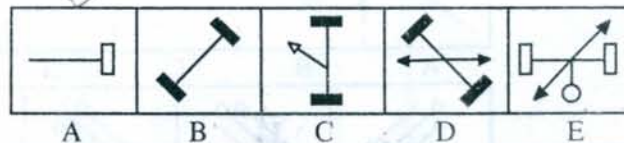
Questions 1-15 In each of the following questions, find the figure from the answer set (i.e. 1,2,3 and 4) which will continue the series given in the problem (i.e. A,B,C,D and E)

प्रश्न 1-15 दिये गये प्रत्येक प्रश्नों में उस आकृति या चित्र को उत्तर-सेट (अर्थात् 1,2,3 तथा 4) से चुने जो कि प्रश्न-सेट की श्रृंखला (अर्थात् A,B,C,D तथा E) को आगे बढ़ाएँ।

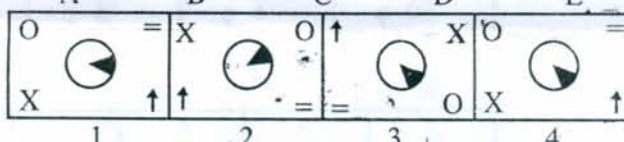
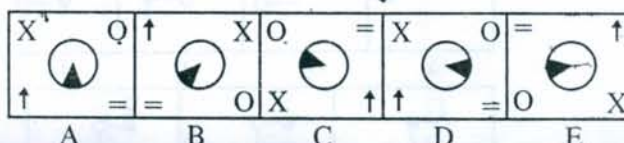
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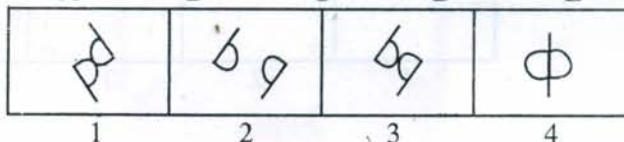
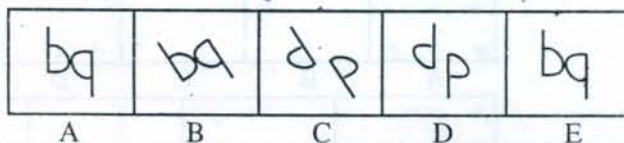
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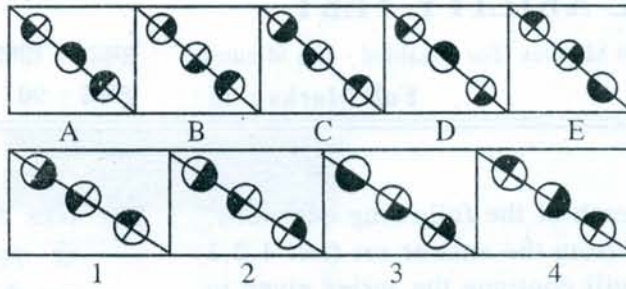
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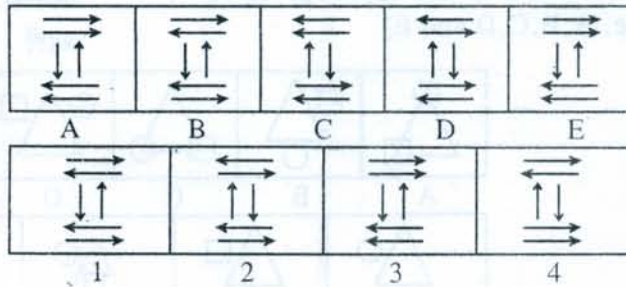
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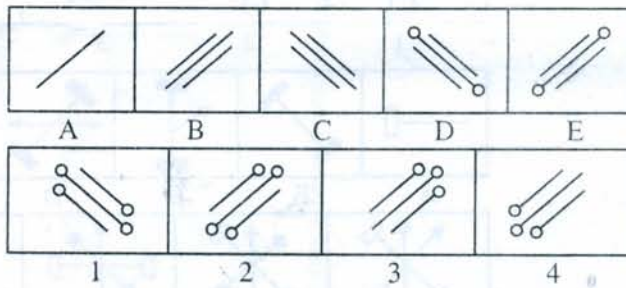
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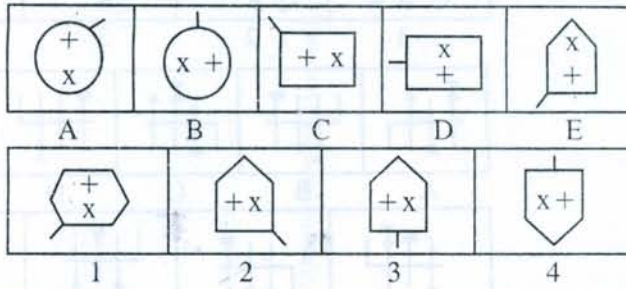
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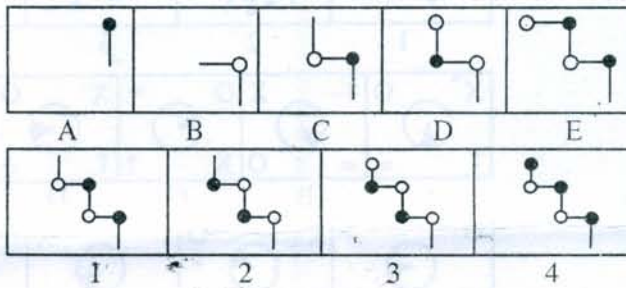
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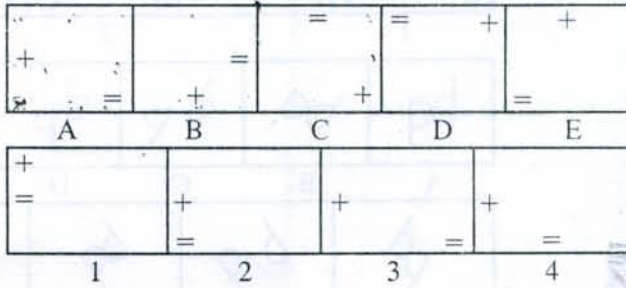
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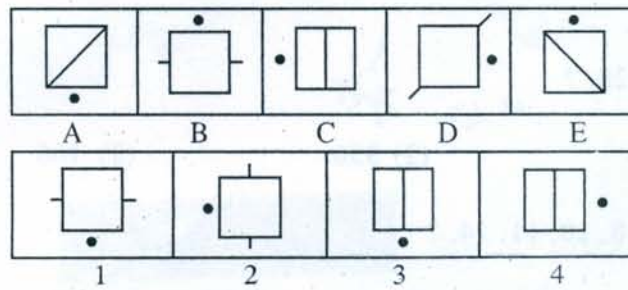
10.



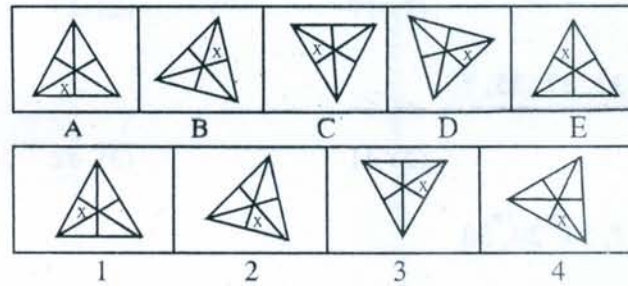
11.



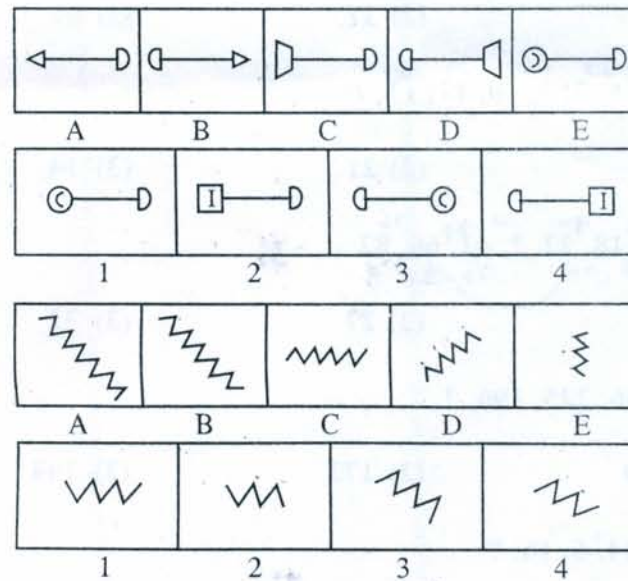
12.



13.



14.



Questions 16-30 In each of the following questions a series of numbers is given which follow certain rules. One of the number is missing. Find out the number from the alternatives given below and mark it on your answer-sheet as directed

प्रश्न 16-30 निम्नलिखित में से प्रत्येक प्रश्न में एक संख्या श्रेणी दी गई है जो किसी विशेष नियम का पालन करती है। प्रत्येक प्रश्न में श्रेणी की एक संख्या गायब है। दिये गये विकल्पों में से उसे ढूँढ़ें और अपने उत्तर-पुस्तिका पर निर्देशानुसार दर्शाएं।

16. 3, 5, 6, 11, 9, 17, 12, ?

- (1) 23 (2) 31 (3) 27 (4) 21

17. 2, 5, 4, 8, 6, 11, 8, 14, 10, ?

- (1) 13 (2) 17 (3) 21 (4) 11

18. 3, 4, 7, 7, 13, 13, 21, ?

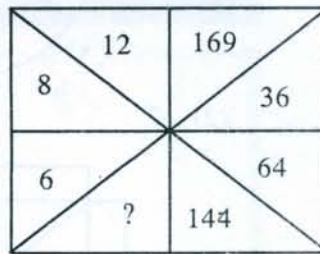
- (1) 29 (2) 25 (3) 22 (4) 24

19. 4, 32, 128, ?
 (1) 156 (2) 356 (3) 166 (4) 256
20. 5, 6, 7, 8, 10, 11, 14, ?
 (1) 15 (2) 17 (3) 19 (4) 21
21. 29, 34, 32, 37, 35, ?
 (1) 40 (2) 41 (3) 42 (4) 48
22. $40^1, 39, ?, 34^5, 20^1, 30$
 (1) 32 (2) 37 (3) 31 (4) 36
23. $2, 3^2, 5, 6, 7^2, 9, 10, 11^2, 13, ?$
 (1) 19 (2) 21 (3) 14 (4) 17
24. $10, 12, 18, 22, 2, 42, 66, 82$
 (1) 25 (2) 27 (3) 32 (4) 34
25. 289, 256, 225, 196, ?
 (1) 169 (2) 172 (3) 144 (4) 196
26. $12^1, 8^2, 14^3, 6^4, 16, ?$
 (1) 10 (2) 4 (3) 18 (4) 20
27. 4, 12, 8, 9, 12, ?, 16, 3
 (1) 10 (2) 14 (3) 6 (4) 18
28. $4^6, 10^7, 28, ?, 244, 730$
 (1) 81 (2) 70 (3) 78 (4) 82
29. $6^3, 8^2, 10^2, 12, ?, 16$
 (1) 14 (2) 18 (3) 20 (4) 19
30. $2^2, 5^3, 8, ?, 14, 17$
 (1) 12 (2) 11 (3) 9 (4) 10

Questions 31-40 Study the pattern of numbers in the following questions and select the missing numbers in place of question (?) mark. Mark the correct alternative on your answer-sheet as directed.

प्रश्न 31-40 निम्नलिखित प्रश्नों में संख्याओं के संबंधों को ध्यानपूर्वक देखें और ज्ञात करें कि प्रश्नवाचक चिन्ह (?) के स्थान पर कौन सी संख्या होगी। दिये गये विकल्पों में से सही उत्तर चुनकर अपनी उत्तर-पुस्तिका पर निर्देशानुसार दर्शाएं।

31.



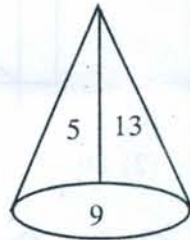
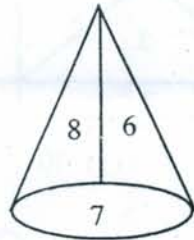
(1) 13

(2) 18

(3) 11

(4) 17

32.



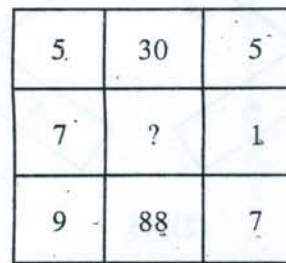
(1) 14

(2) 12

(3) 16

(4) 20

33.



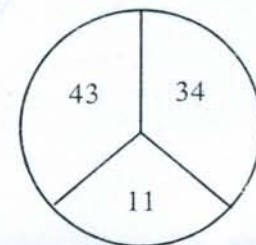
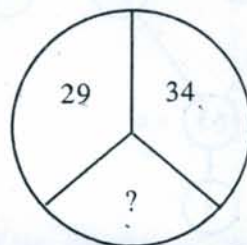
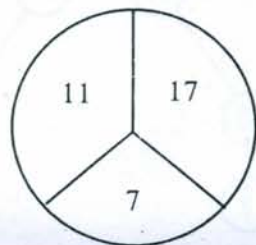
(1) 48

(2) 47

(3) 36

(4) 50

34.



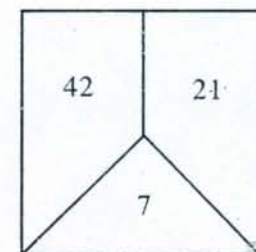
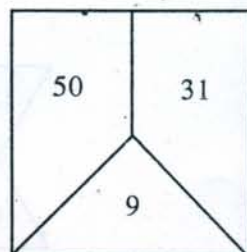
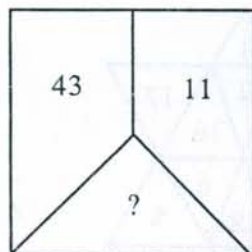
(1) 13

(2) 17

(3) 9

(4) 8

35.



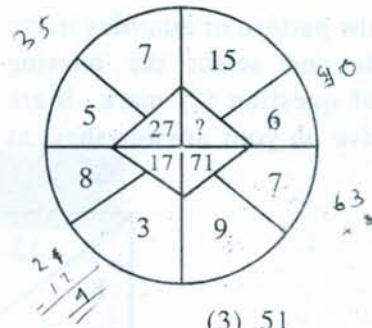
(1) 8

(2) 12

(3) 5

(4) 6

36.



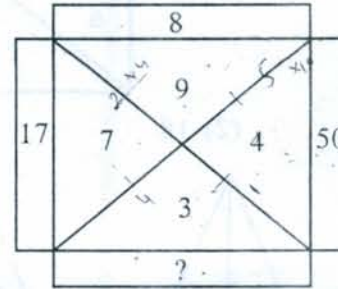
(1) 37

(2) 27

(3) 51

(4) 63

37.



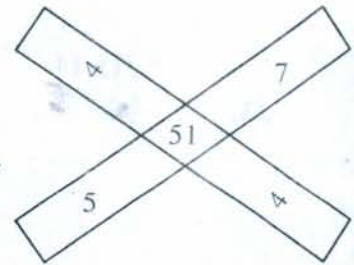
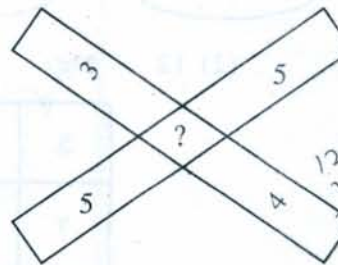
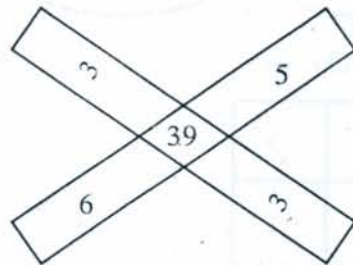
(1) 90

(2) 80

(3) 70

(4) 60

38.



(1) 37

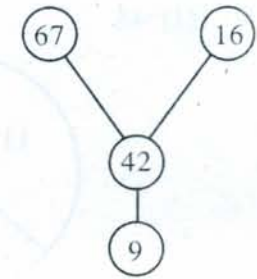
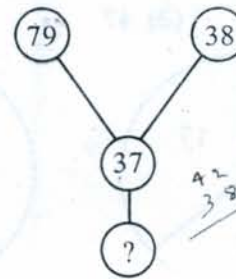
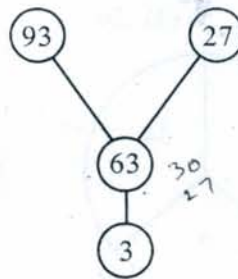
(2) 43

(3) 33

(4) 54



39.



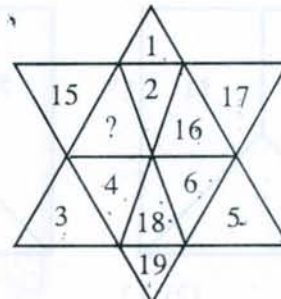
(1) 19

(2) 4

(3) 8

(4) 13

40.



(1) 12

(2) 20

(3) 14

(4) 31

Questions 41-55 In each of the following questions, four groups are given. Three of them are alike in some manner, while one is different. Find the odd-man-out and mark it on your answer-sheet as directed.

- | | | | |
|--|--|--|--|
| 41. (1) AAZ | (2) EEV | (3) UUX | (4) IEY |
| 42. (1) $\begin{matrix} A & B & C \\ Z & C & F \end{matrix}$ | (2) $\begin{matrix} M & P & Q \end{matrix}$ | (3) $\begin{matrix} K & N & Q \end{matrix}$ | (4) $\begin{matrix} T & W & Z \end{matrix}$ |
| 43. (1) PEA | (2) QFB | (3) RGC | (4) KLJ |
| 44. (1) NBMT | (2) $\begin{matrix} Q & V & T & W \end{matrix}$ | (3) TMBN | (4) $\begin{matrix} W & V & T & Q \end{matrix}$ |
| 45. (1) ujk gj | (2) $\begin{matrix} w & j & o & k & n \end{matrix}$ | (3) $\begin{matrix} x & b & g & c & f \end{matrix}$ | (4) trlzp |
| 46. (1) ANBO | (2) AZME | (3) CPDQ | (4) GTHU |
| 47. (1) QKPJ | (2) EVDW | (3) HSGT | (4) KPJQ |
| 48. (1) LaPT | (2) CeGK | (3) FoJN | (4) JqNR |
| 49. (1) DHMP | (2) $\begin{matrix} O & M & R & V \end{matrix}$ | (3) $\begin{matrix} G & E & J & N \end{matrix}$ | (4) PNSW |
| 50. (1) BAZGH | (2) JIYOP | (3) DHXLP | (4) NMWST |
| 51. (1) NQEPS | (2) FIAHK | (3) JMILO | (4) RUZTW |
| 52. (1) $\begin{matrix} I & L & W & K & N \\ j & k & l & m \end{matrix}$ | (2) $\begin{matrix} Q & T & Y & S & V \\ r & s & t & u \end{matrix}$ | (3) $\begin{matrix} A & D & X & G & J \\ p & q & r & s & t \end{matrix}$ | (4) $\begin{matrix} E & H & Q & G & J \\ F & G & H & I & J \end{matrix}$ |
| 53. (1) AZBYC | (2) XDWEV | (3) FTUGH | (4) SIRJQ |
| 54. (1) eFgHa | (2) iJkLb | (3) mInEc | (4) qRsTd |
| 55. (1) $\begin{matrix} C & E & G & H \end{matrix}$ | (2) DIKL | (3) BRST | (4) EQST |

Questions 56-65 Study the questions and answer accordingly.

56. If 'A' means 'x', 'B' means '÷', 'C' means '+' and 'D' means '-', then

(1) 13

(2) 0

$$21C3D6A8B2 = ?$$

$$21+3-6 \times 8 \div 2 = 4$$

$$24 - 24 = 0$$

(3) 8

(4) 11

57. If 'x' means '+', 'y' means '-', 'z' means '÷' and 'p' means 'x', then

(1) 20

(2) 30

$$10p2 \times 5y5 = ?$$

$$10 \times 2 + 5 - 5 = 20$$

(3) 25

(4) 22

प्रश्न 41-55 निम्नलिखित में से प्रत्येक प्रश्न में चार अक्षर-समूह दिये गये हैं। उनमें से तीन किसी न किसी प्रकार समान हैं। जबकि एक भिन्न है। भिन्न समूह को अपने उत्तर पुस्तिका पर निर्देशानुसार दर्शाएं।

प्रश्न 56-65 प्रश्नों को ध्यानपूर्वक पढ़ें और उसी अनुसार उत्तर दें।

56. यदि 'A' का अर्थ 'x', 'B' का अर्थ '÷', 'C' का अर्थ '+' तथा 'D' का अर्थ '-', हो तो

57. यदि 'x' का अर्थ '+', 'y' का अर्थ '-', 'z' का अर्थ '÷' तथा 'p' का अर्थ 'x', हो तो

58. If 'A' means '+', 'B' means '-', 'C' means 'x' and 'D' means '÷', then

(1) 256

(2) 232

$$18C14A6B16D4 = ?$$

$$18 \times 14 + 6 - 16 \div 4$$

$$252 - 4 = 248$$

58. यदि 'A' का अर्थ '+', 'B' का अर्थ '-', 'C' का अर्थ 'x' तथा 'D' का अर्थ '÷', हो तो

$$\frac{18 \times 14}{72} - \frac{16}{252} = ?$$

(3) 254

(4) 212

59. If 'A' means '-', 'B' means '÷', 'C' means '+' and 'D' means 'x', then

(1) 5

(2) 8

$$15B3C24A12D2 = ?$$

$$15 \div 3 + 24 - 12 \times 2$$

$$5 - 24 = -19$$

59. यदि 'A' का अर्थ '-', 'B' का अर्थ '÷', 'C' का अर्थ '+' तथा 'D' का अर्थ 'x', हो तो

(3) 12

(4) 11

60. If '÷' means '+', '-' means '÷', 'x' means '-' and '+' means 'x', then

(1) 3

(2) 0

$$\frac{(36 \times 4) - 8 \times 4}{4 + 8 \times 2 + 16 \div 1} = ?$$

$$\frac{(36 - 4) - 8 - 4}{4 \times 8 - 2 \times 16 + 1} = \frac{32 - 8}{32 - 32 + 1} = \frac{24}{1} = 24$$

60. यदि '÷' का अर्थ '+', '-' का अर्थ '÷', 'x' का अर्थ '-' तथा '+' का अर्थ 'x', हो तो

(3) 9

(4) 16

61. If 'Δ' means '+', '□' means 'x', '○' means '÷' and 'θ' means '-', then

(1) 42

(2) 39

$$64 \square 8 \Delta 16 \square 4 \theta 3 = ?$$

$$64 \div 8 + 16 \times 4 - 3$$

$$8 + 64 - 3 = 69$$

61. यदि 'Δ' का अर्थ '+', '□' का अर्थ 'x', '○' का अर्थ '÷' तथा 'θ' का अर्थ '-', हो तो

(3) 69

(4) 27

62. If 'A' means '+', 'B' means '-', 'C' means '÷' and 'D' means 'x', then

(1) 11

(2) 13

$$18A12C6D2B5 = ?$$

$$18 + 12 \div 6 \times 2 - 5$$

$$18 + 2 \times 2 - 5 = 19$$

62. यदि 'A' का अर्थ '+', 'B' का अर्थ '-', 'C' का अर्थ '÷' तथा 'D' का अर्थ 'x', हो तो

(3) 19

(4) 17

63. If 'P' means '÷', 'Q' means 'x', 'R' means '+' and 'S' means '-', then

(1) 53

(2) 59

$$18Q12P4R5S6 = ?$$

$$18 \times 12 \div 4 + 5 - 6 = 18 \times 3 + 5 - 6$$

$$(3) 62 = 54 + 5 - 6 = 53$$

63. यदि 'P' का अर्थ '÷', 'Q' का अर्थ 'x', 'R' का अर्थ '+' तथा 'S' का अर्थ '-', हो तो

(3) 62

(4) 71

64. If 'x' means '+', 'y' means '-', 'z' means '÷' and 'p' means 'x', then

(1) 20

(2) 25

$$(7p3)y6x5 = ?$$

$$(7 \times 3) - 6 + 5 = 21 - 6 + 5 = 20$$

64. यदि 'x' का अर्थ '+', 'y' का अर्थ '-', 'z' का अर्थ '÷' तथा 'p' का अर्थ 'x', हो तो

(3) 31

(4) 42

65. If 'N' means 'x', 'M' means '÷', 'P' means '+' and 'Q' means '-', then

(1) 13

(2) 17

$$16P24M8Q6M2N3 = ?$$

$$16 + 24 \div 8 - 6 \div 2 \times 3 = 16 + 3 - 3 \times 3 = 16 + 3 - 9 = 10$$

65. यदि 'N' का अर्थ 'x', 'M' का अर्थ '÷', 'P' का अर्थ '+' तथा 'Q' का अर्थ '-', हो तो

(3) 21

(4) 10

Questions 66-75 In each of the following questions, find which one word cannot be made from the letters of the given word.

प्रश्न 66-75 निम्नलिखित प्रश्नों से ज्ञात करें कि किन्हें अक्षरों से विकल्प का कौन सा शब्द नहीं बन सकेगा।

66. REMONSTRANCE

(1) STREAM

(2) REMOTE

(3) REMORSE

(4) ROUSE

67. PROCRASTINATE
 (1) CONSTANT (2) PRINT (3) INCOME (4) INTER
68. CREDENTIALS
 (1) DENTAL (2) DISSENT (3) DISTANCE (4) NECTAR
69. INCOMMUNICABLE
 (1) INBORN (2) INCOME (3) AMBLE (4) CLEAN
70. FRACTIONATE
 (1) REACTION (2) FRET (3) CRATE (4) FRACAS
71. DEPORTATION
 (1) RELATION (2) DEPORT (3) READ (4) DEPRESS
72. DEOBSTRUENT
 (1) BURST (2) DENSE (3) STUDENT (4) UNDERCUT
73. INFRASTRUCTURE
 (1) SAUCER (2) INSERT (3) RECUR (4) UNDIES
74. REQUIREMENT
 (1) QUARTET (2) REMIT (3) MENU (4) EMIT
75. EXPANDABLE
 (1) DEEP (2) DEBATE (3) DEAL (4) EXPAND

Questions 76-80 Study the statements given below and answer the questions that follow :

A, B, C, D, E and F are members of a family. B is the son of C but C is not mother of B. A and C are a married couple. E is the brother of C. D is the daughter of A. F is the brother of A.

प्रश्न 76-80 नीचे दिये गये तथ्यों को पढ़े और पूछे गये प्रश्नों के उत्तर दें।

A, B, C, D, E तथा F एक परिवार के सदस्य हैं। B, C का पुत्र है लेकिन C, B की माँ नहीं है। A तथा B विवाहित जोड़ा है। E, C का भाई है। D, A की पुत्री है। F, A का भाई है।

76. Who is the father of B ?

(1) C

(2) A

D

(3) D

(4) F

77. How is B related to D ?

(1) Husband (पति)

(2) father (पिता)

(3) Brother (भाई)

(4) Uncle (चाचा)

78. How many female members are in the family ?

(1) 4

(2) 2

(3) 1

(4) 3

79. Which is a pair of brothers ?

(1) A and D

(2) B and D

(3) A and F

(4) C and E

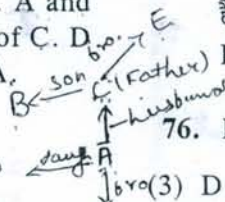
80. Who is the brother-in-law of C ?

(1) E

(2) F

(3) A

(4) D



Questions 81-90 In the following four numeral pairs/groups three are alike in same manner. Find out the odd-man-out in the following series.

प्रश्न 81-90 निम्नलिखित चार सांख्यिकी युग्म/समूहों में किसी प्रकार से समान हैं, जो भिन्न हैं लिखें।

- | | | | |
|--------------------------------|----------------------------|----------------------------|-----------------------------|
| 81. (1) 8^3-11 | (2) 12^5-7 | (3) 9^2-10 | (4) 11^1-12 |
| 82. (1) 9^9-80 | (2) $4^{14}-15$ | (3) 7^7-50 | (4) 6^6-35 |
| 83. (1) 13^4-17 | (2) 19^6-25 | (3) 23^6-29 | (4) 3^2-5 |
| 84. (1) $63-54 \frac{54}{9}$ | (2) $58-49 \frac{49}{9}$ | (3) $73-66 \frac{66}{9}$ | (4) $37-28 \frac{28}{9}$ |
| 85. (1) $11-37 \frac{3+4}{26}$ | (2) $12-41 \frac{3+5}{29}$ | (3) $17-56 \frac{5+7}{39}$ | (4) $9-32 \frac{2+7}{21}$ |
| 86. (1) $9-15 \frac{6}{6}$ | (2) $9-21 \frac{12}{12}$ | (3) $6-12 \frac{6}{6}$ | (4) $24-30 \frac{6}{6}$ |
| 87. (1) $5-75 \frac{75}{10}$ | (2) $7-84 \frac{77}{77}$ | (3) $27-22 \frac{5}{5}$ | (4) $6-108 \frac{108}{108}$ |
| 88. (1) $7-22 \frac{21}{21}$ | (2) $9-28 \frac{21}{21}$ | (3) $12-37 \frac{25}{25}$ | (4) $15-17 \frac{21}{21}$ |
| 89. (1) $5-7 \frac{2}{2}$ | (2) $32-37 \frac{5}{5}$ | (3) $61-69 \frac{8}{8}$ | (4) $82-97 \frac{15}{15}$ |
| 90. (1) $162-54$ | (2) $179-58$ | (3) $147-44$ | (4) $227-74$ |

For Rough Work Only
(केवल अपूर्ण कार्य के लिए)

2, 5, 8, 15

$$\begin{array}{r} 162 \\ - 54 \\ \hline 273 \end{array}$$

$$\begin{array}{r} 2 \\ 58 \\ \times 3 \\ \hline 174 \end{array}$$

$$\begin{array}{r} 1 \\ 44 \\ \times 3 \\ \hline 132 \end{array}$$

$$\begin{array}{r} 1 \\ 74 \\ \times 3 \\ \hline 222 \end{array}$$

$$\begin{array}{r} 1 \\ 54 \\ \times 3 \\ \hline 162 \end{array}$$