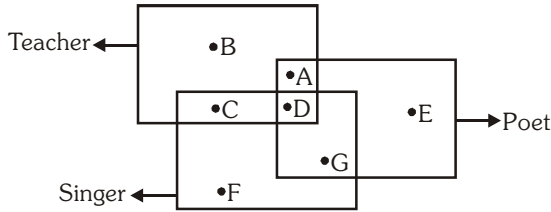


Directions (Q.1 to Q.5): In the following figure there are some given rectangles which represent the particular quality. Carefully go through the figures and answer the questions.



- The teacher who is neither a singer nor a poet is?
(1) A (2) B (3) D (4) G
- The teacher who is a singer but not a poet is ?
(1) A (2) B (3) C (4) D
- The teacher who is a singer and a poet is ?
(1) A (2) B (3) C (4) D
- The poet who is neither a singer nor a teacher is?
(1) E (2) B (3) G (4) D
- The singer who is a poet but not a teacher is?
(1) C (2) D (3) G (4) E

Directions (Q.6 & Q.7): Below in the following letter series what will come in the place of question mark (?).

- EJOTY, DINSX, CHMRW, ?
(1) BLGQV (2) BGLQV (3) BVLQG (4) BQGLV
- EDBA, KJHG, QPNM, ?
(1) ZXUV (2) KIGH (3) WVTS (4) QOMK

Directions (Q.8 & Q.9): Choose the best alternative as the answer.

- Which of the following is associated with diamond?
(1) Hardness (2) Brilliance
(3) Use (4) Conductivity
- All animals have
(1) Four legs (2) Horns
(3) Instincts (4) Tails

Directions (Q.10 & Q.11) : In each of the following questions, there are given a combination of letters, followed by four alternatives (1, 2, 3 & 4). Choose the alternative which most closely resemble the mirror-image of the given combination.

- COLONIAL
(1) LAIONLOC (2) JIANOLOO
(3) ΓAINOΓOC (4) JAINOJOOC

- EMANATE
(1) EWVNI∇LE (2) ETAIAMEM
(3) ETANAME (4) ETAEMAN

- In a cricket season, India defeated Australia twice, West Indies defeated India twice, Australia defeated West Indies twice, India defeated New Zealand twice and West Indies defeated New Zealand twice. Which country has lost most number of times.
(1) India (2) Australia
(3) New Zealand (4) West Indies

Directions (Q.13 to Q.15): A and B start walking from a certain point. A goes to West and covers 4 km. and then turns to his right and moves 3 km. B moves to the North and walks 3 km. and then turning to his right moves 5 km.

- How far A is from the starting point ?
(1) 7 km. (2) 9 km. (3) 2 km (4) 5 km
- In which direction is B from the starting point ?
(1) South (2) North-East
(3) East (4) North-West
- How far is A from B ?
(1) 8 km. (2) 7 km.
(3) 9 km. (4) 12 km.
- Aman and Aamir start walking in opposite directions. Aman walks 3 km. and Aamir walks 2 km. Aman turns to his right and walks 3 km. Aamir turns to his left and walks 3 km. How far Aman is from Aamir ?
(1) 4.5 km. (2) 5 km.
(3) 5.5 km (4) 6 km.

Directions (Q.17 to Q.20) : In each of the following questions, a matrix of certain numbers is given with a question mark (?) in one block. These numbers follows a certain trend. Carefully go through the numbers and choose the missing (?) character.

- | | | |
|---|----|---|
| ? | 96 | 4 |
| 6 | 54 | 3 |
| 4 | 84 | 7 |

 (1) 7 (2) 8 (3) 5 (4) 9

- | | | |
|-----|---|-----|
| 963 | 2 | 844 |
| 464 | ? | 903 |

 (1) 1 (2) 2 (3) 3 (4) 4

19.

4C	2B	3A
28A	?	45B
7C	5A	15B

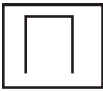
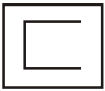
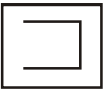

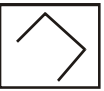
 (1) 10C (2) 12C (3) 13C (4) 7C

20.

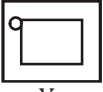
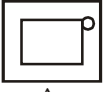
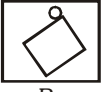
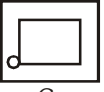
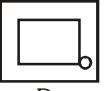
3C	27D	9E
7I	21K	3M
4D	?	7J

 (1) 11E (2) 28G (3) 35I (4) 48C

Directions (Q.21 & Q.22): Find the water image of X from amongst the given alternatives A,B, C & D.

21.     
 X A B C D

- (1) B (2) A (3) C (4) D

22.     
 X A B C D

- (1) A (2) D (3) B (4) C

Directions (Q.23 to Q.26): Below certain statements have been given about blood relationships. The questions are based on them. You have to find out the relationship about whom you are asked.

23. Pointing to a boy in the photograph Meena said, "His sister is the only daughter of my father." How is the boy related to Meena's father?
 (1) Father (2) Brother
 (3) Son (4) Nephew
24. Introducing a woman a man said, "Her father's only son is my father". How is the man related to the woman?
 (1) Father (2) Son
 (3) Uncle (4) Nephew
25. Introducing a woman, a man said, "Her father is the only son of my mother." How is that woman related with the man?
 (1) Daughter (2) Sister
 (3) Aunt (4) Mother
26. Pointing to a boy, Jayesh said, "His only brother's mother is my father's wife." How is Jayesh related to the boy?
 (1) Uncle (2) Nephew
 (3) Father (4) Brother

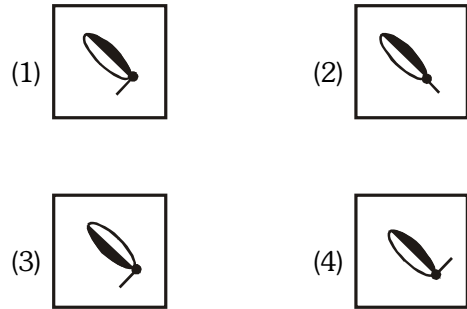
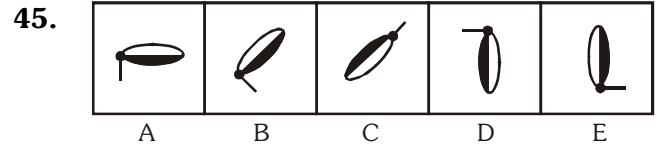
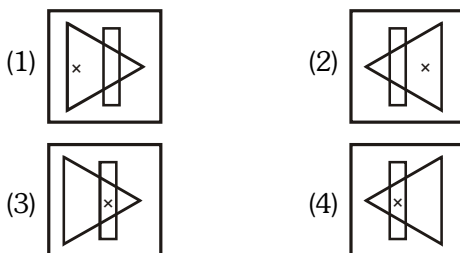
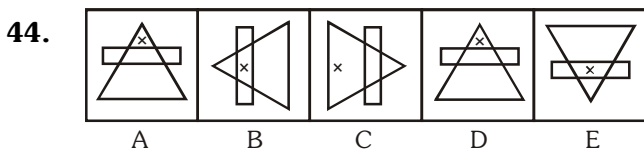
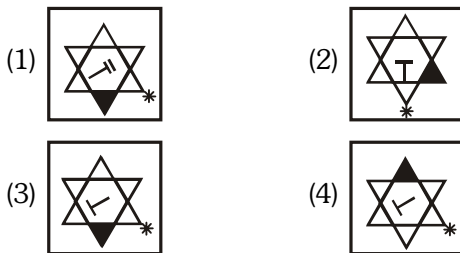
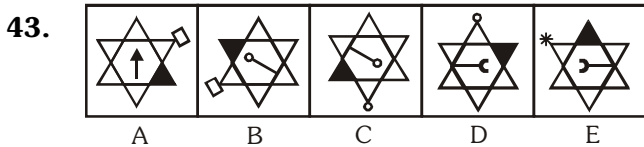
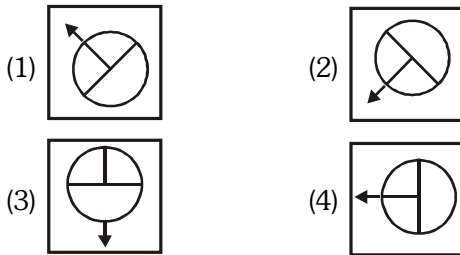
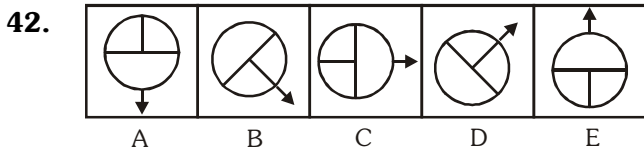
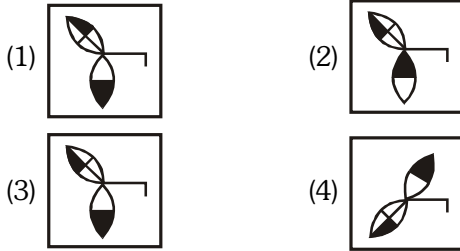
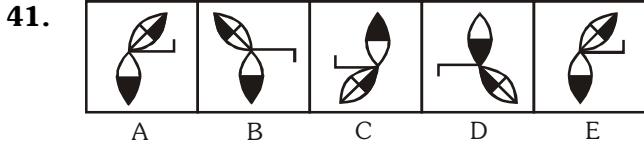
Directions (Q.27 to Q.33): In the following questions a series of numbers is given, out of which one number is missing. Which one number out of the four alternatives shall complete the series.

27. 12, 32, 72, 152, ?
 (1) 515 (2) 613 (3) 325 (4) 312
28. 143, 99, 63, ?, 15, 3
 (1) 49 (2) 35 (3) 24 (4) 27
29. 11, 12, 17, 18, 23, 24, ?
 (1) 29 (2) 25 (3) 42 (4) 19
30. 7, 9, 12, 14, 17, 19, ?
 (1) 21 (2) 27 (3) 22 (4) 18
31. 1, 4, 9, 16, ?
 (1) 35 (2) 36 (3) 25 (4) 48
32. 37, 29, ?, 19, 17
 (1) 39 (2) 49 (3) 23 (4) 25
33. 57, 74, 93, 114, ?
 (1) 137 (2) 98 (3) 121 (4) 125

Directions (Q.34 to Q.38): In the following questions given words are based on a numerical code. Each question follow certain rules. Read them carefully and answer accordingly.

34. If TEAM is coded as 6, what will be the code for CUBE ?
 (1) 27 (2) 29 (3) 23 (4) 21
35. If WHOLE is coded as 43, what will be the code for MARKS ?
 (1) 30 (2) 40 (3) 35 (4) 44
36. If HOURS is coded as 819, what will be the code for WORKS ?
 (1) 2218 (2) 2416 (3) 2512 (4) 2319
37. If MATHS is coded as 20, what will be the code for HINDI ?
 (1) 17 (2) 19 (3) 14 (4) 11
38. If FAMILY is coded as 358926 and MELODY as 812746. what will be the code for MEDAL ?
 (1) 81452 (2) 23148 (3) 14328 (4) 82314
39. The sum of the present age of 6 persons is 36 years. What would be their average age before 2 years ?
 (1) 5 (2) 8 (3) 4 (4) 7
40. The age-ratio of A and B is 4:3 and the sum of their age is 28 years. What would be the ratio of their age after 8 years ?
 (1) 5 : 3 (2) 6 : 5 (3) 7 : 4 (4) 3 : 5

Directions (Q.41 to Q.45) : In each of the following questions find the figure from the Answer-Set (i.e. 1, 2, 3 & 4) which will continue the series given in the Problem Set (A, B, C, D & E).



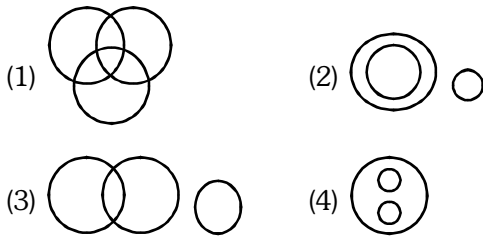
Directions (Q.46 to Q.50) : Below the questions are based on some informations. On the basis of these information, study the questions and answer carefully.

- (i) A rectangular wooden block which has length of 7 cm., width 5 cm. and height 2 cm.
- (ii) Its two sides with dimension 5 cm. × 2 cm. is painted in blue.
- (iii) Its two sides with dimension 7 cm. × 2 cm. is painted in black.
- (iv) Its two sides with dimension 7 cm. × 5 cm. is painted in red.
- (v) This block is cut in such a way that it is converted into equal, small cubes of 1 cm. each

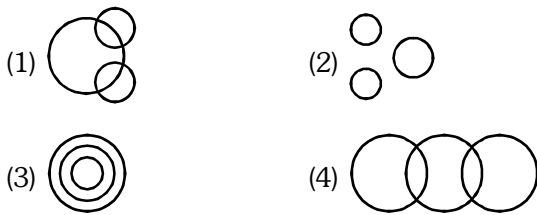
- 46.** How many cubes have all the three colours ?
 (1) 14 (2) 18 (3) 8 (4) None
- 47.** How many cubes are there in total ?
 (1) 27 (2) 64 (3) 70 (4) None
- 48.** How many cubes have only two faces coloured ?
 (1) 20 (2) 32 (3) 28 (4) None
- 49.** How many cubes have their two faces coloured in black ?
 (1) 8 (2) 0 (3) 28 (4) None
- 50.** Find the number of cubes whose three faces are coloured and three faces are plain ?
 (1) 6 (2) 8 (3) 4 (4) None

Directions(Q.51 to Q.53): Choose the correct alternative that will continue the same pattern and replace the question mark in the given series.

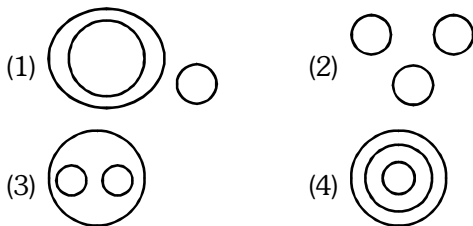
51. A, CD, GHI, ?, UVWXY
 (1) KLMN (2) LMNO
 (3) MNOP (4) NOPQ
52. ADVENTURE, DVENTURE, DVENTUR, ?, VENTU
 (1) VENTUR (2) VENTURE
 (3) DVENT (4) DVENTU
53. UPI, ?, ODP, MBQ, IAW
 (1) SIJ (2) SHJ (3) RHJ (4) TIJ
54. Which of the following diagrams indicates the relation between Judge, Thieves and Criminals ?



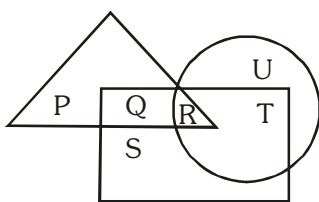
55. Which of the following diagrams indicates the relation between Iron, Lead and Nitrogen?



56. Which of the following diagrams indicates the relation between Bulb, Lamp and light ?

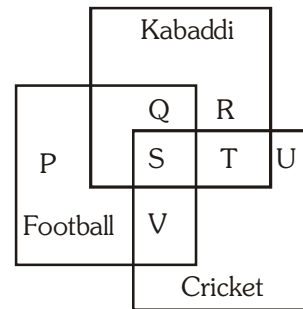


57. In the following figure, triangle represents 'girls', square, 'players' and circle, 'coach'. Which part of the diagram represents the girls who are players but not coach ?



- (1) P (2) Q (3) R (4) S

58. The diagram given below represents those students who play Cricket, Football and Kabaddi. Study the diagram and identify the students who play all three games.



- (1) P + Q + R (2) V + T
 (3) S + T + V (4) S

Directions(Q.59 to Q.62): P, Q, R, S, T, U, V and W are sitting round the circle and are facing the centre:

- P is second to the right of T who is the neighbour of R and V.
- S is not the neighbour of P.
- V is the neighbour of U.
- Q is not between S and W, and W is not between U and S.

Answer the questions from the above sitting arrangement.

59. Who two of the following are not neighbours ?
 (1) RV (2) UV (3) RP (4) QW
60. Who is immediate right to the V ?
 (1) P (2) U (3) R (4) T
61. Which of the following is correct ?
 (1) P is to the immediate right of Q
 (2) R is between U and V
 (3) Q is to the immediate left of W
 (4) U is between W and S
62. What is the position of S ?
 (1) Between U and V
 (2) Second to the right of P
 (3) To the immediate right of W
 (4) Data inadequate

Directions(Q.63 to Q.66): Five girls are sitting on a bench to be photographed Seema is to the left of Rani and to the right of Bindu, Mary is to the right of Rani. Reeta is between Rani and Mary. Answer the questions from the above sitting arrangement.

63. Who is sitting immediate right to Reeta ?
 (1) Bindu (2) Rani
 (3) Mary (4) Seema

64. Who is in the middle of the photograph ?
 (1) Bindu (2) Rani
 (3) Reeta (4) Seema
65. Who is second from the right in the photograph ?
 (1) Mary (2) Rani
 (3) Reeta (4) Bindu
66. Who is second from the left in photograph ?
 (1) Reeta (2) Mary
 (3) Bindu (4) Seema

Directions(Q.67 to Q.69): Choose the word which is different from the rest.

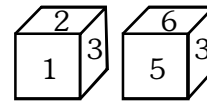
67. (1) Producer (2) Director
 (3) Investor (4) Financer
68. (1) Calendar (2) Year
 (3) Day (4) Month
69. (1) Mumbai (2) Cochin
 (3) Kandla (4) Mysore
70. If $A + B$ means A is the father of B; $A - B$ means A is the brother B; $A \% B$ means A is the wife of B and $A \times B$ means A is the mother of B, which of the following shows that M is the maternal grandmother of T ?
 (1) $M \times N \% S + T$ (2) $M \times N - S \% T$
 (3) $M \times S - N \% T$ (4) $M \times N \times S \% T$
71. 1. B5D means B is the father of D.
 2. B9D means B is the sister of D.
 3. B4D means B is the brother of D.
 4. B3D means B is the wife of D.

Which of the following means F is the mother of K?

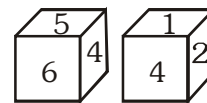
- (1) F3M5K (2) F5M3K
 (3) F9M4N3K (4) F3M5N3K
72. If POND is coded RSTL how is HEAR written in the code ?
 (1) GHIJ (2) JIGZ
 (3) GHIZ (4) None of these
73. If SPIDER is coded as PSDIRE, how is COMMON written in that code ?
 (1) OCMMNO (2) OCMMOO
 (3) OCMOON (4) OCMOMN

Directions(Q.74 to Q.76): All the six members of a family A, B, C, D, E & F are staying together. B is the son of C but C is not the mother of B. A & C are married couple. E is the brother of C. D is the daughter of A. F is the brother of B.

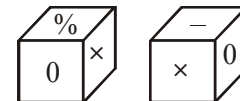
74. How many male members are there in the family ?
 (1) 1 (2) 2 (3) 3 (4) 4
75. Who is the mother of B ?
 (1) D (2) F (3) A (4) E
76. How many children does A have ?
 (1) 1 (2) 3 (3) 2 (4) 4
77. Which digit will appear on the face opposite to the face with number 3 ?



- (1) 4 (2) 5 (3) 6 (4) 2
78. Which number is on the face opposite to 6 ?



- (1) 4 (2) 1 (3) 2 (4) 3
79. Which sign will be opposite to '+' ?

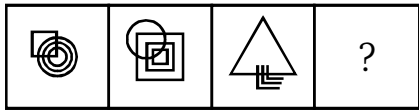


- (1) % (2) - (3) x (4) \$

Directions(Q.80 to Q.87): Find out the alternative which will replace the question mark.

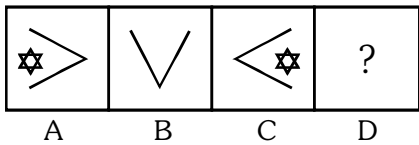
80. AZBY : CXDW :: EVFU : ?
 (1) GTHS (2) GHTS (3) GSTH (4) TGSH
81. ZRYQ : KCJB :: PWOV : ?
 (1) GBHA (2) ISJT (3) ELDK (4) EOFP
82. Computer : fqprxvht :: Language : ?
 (1) oxpidxdig (2) ocqicyig
 (3) ocqixcig (4) ocqixcig
83. ACEG : ? :: BDFH : KMOQ
 (1) NLPR (2) LMNO
 (3) JLNP (4) JNLO

84. $M \times N : 13 \times 14 :: F \times R : ?$
 (1) 14×15 (2) 5×17
 (3) 6×18 (4) 7×19
85. Conference : Chairman :: Newspaper: ?
 (1) Reporter (2) Distributor
 (3) Printer (4) Editor
86. Problem figures



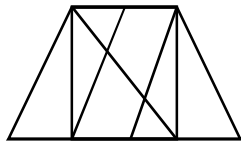
- (1) (2) (3) (4)

87. Problem Figures



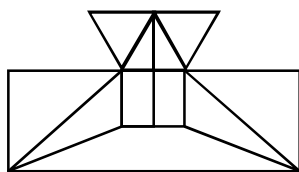
- (1) (2) (3) (4)

88. Find the number of triangle in the figure below.
 Problem figure



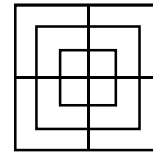
- (1) 8 (2) 10 (3) 12 (4) 14

89. Find the minimum number of straight lines required to make the given figure.



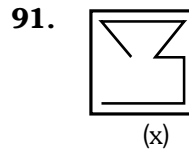
- (1) 16 (2) 17 (3) 18 (4) 19

90. Count the number of squares in the given figure.

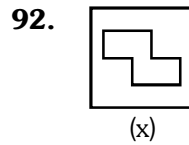


- (1) 8 (2) 12 (3) 15 (4) 18

- Direction (Q.91 & Q.92) : Find out the alternative figure which contains figure (x) as its part.

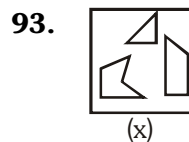


- (1) (2) (3) (4)

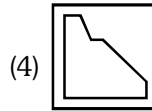
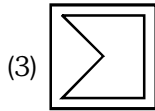
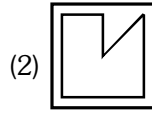
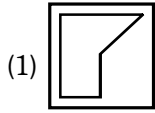
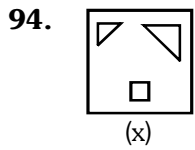


- (1) (2) (3) (4)

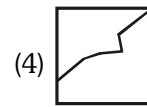
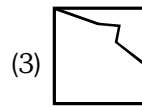
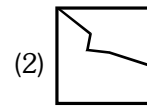
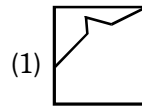
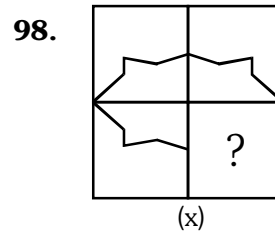
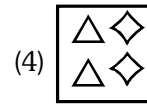
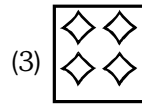
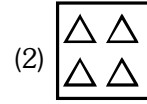
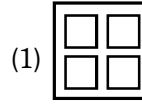
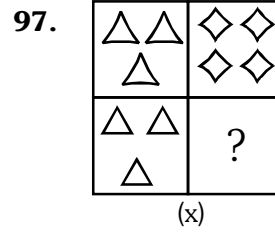
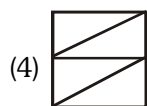
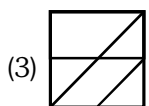
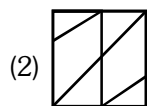
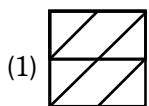
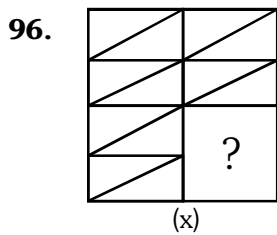
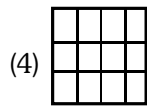
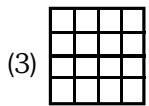
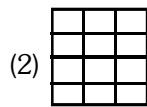
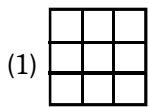
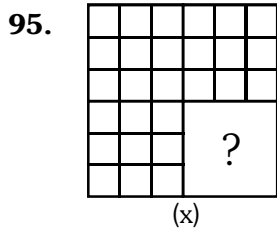
- Directions(Q.93 & Q.94): Find out which of the figures (1), (2), (3) and (4) can be formed from the pieces given in figure (x).



- (1) (2) (3) (4)



Directions(Q.95 to Q.98): Identify the figure that completes the pattern (x).



Directions(Q.99 & Q.100): In these series, there are both letter pattern and number pattern. Fill the blank in series.

99. $ZA_5, Y_4B, XC_6, W_3D, ?$

(1) E_7V

(2) V_2E

(3) VE_5

(4) VE_7

100. $DEF, DEF_2, DE_2F_2, DE_2F_2, ?, D_2E_2F_3$

(1) DEF_3

(2) D_3EF_3

(3) D_2E_3F

(4) $D_2E_2F_2$

SPACE FOR ROUGH WORK