

Directions (1-10) These questions are based on series pattern: some terms are missing in each series which is indicated by question mark (?). Find out the missing term out of the five alternations.

1. 62, 63, 67, 76, 92, 117, ?
 (a) 142 (b) 137
 (c) 153 (d) 133
 (e) None of these
2. 3, 8, 11, 19, 30, 49, ?
 (a) 87 (b) 79
 (c) 77 (d) 73
 (e) None of these
3. 5, 4, 15, 7, 23, 11, 29, 16, 34, ?
 (a) 11 (b) 22
 (c) 34 (d) 5
 (e) None of these
4. 10, 12, 18, 22, 34, 42, 66, 82, ?
 (a) 148 (b) 138
 (c) 130 (d) 126
 (e) None of these
5. 9, 17, 32, 61, 118, 231, ?
 (a) 12 (b) 10
 (c) 20 (d) 40
 (e) None of these
6. 22, 2, 11, 30, 3, 10, 36, 4, 9, ?, 5, 8
 (a) 12 (b) 10
 (c) 20 (d) 40
 (e) None of these
7. 21, 30, 38, ?, 51, 56, 60
 (a) 45 (b) 35
 (c) 65 (d) 55
 (e) None of these
8. 65536, 256, 16, 4, ?
 (a) 1 (b) 2
 (c) 8 (d) 0
 (e) None of these
9. 6, 24, 60, 120, ?
 (a) 180 (b) 110
 (c) 210 (d) 220
 (e) None of these
10. 1, 1, 4, 8, 9, 27, 16, ?
 (a) 64 (b) 18
 (c) 15 (d) 12
 (e) None of these

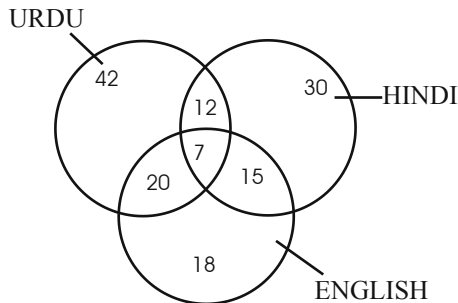
Directions (11-15) Find the odd one out of the following five alternatives

11. (a) Circle (b) Ellipse
 (c) Sphere (d) Cube
 (e) None of these
12. (a) Root (b) Foundation
 (c) Tunnel (d) Basement
 (e) None of these
13. (a) Hour (b) Second
 (c) Year (d) Time
 (e) None of these
14. (a) Carrot (b) Potato
 (c) Turnip (d) Brinjal
 (e) None of these
15. (a) Rupee (b) Lira
 (c) Coin (d) Dinar
 (e) None of these

Directions (16-20) A solid cube of 3 inches has been painted red, green and black on pair of opposite faces. It has then been cut into one inch blocks. The following questions are with regard to the smaller one inch cubes. Answer the following questions based on the above statement.

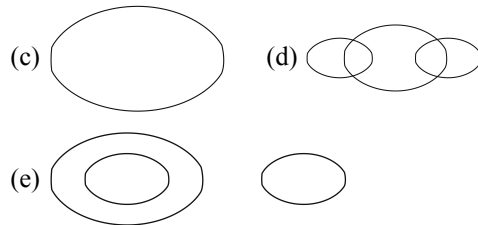
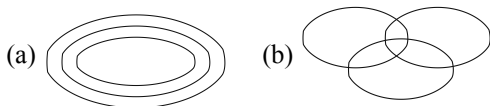
16. How many cubes have only one face painted?
 (a) 4 (b) 8
 (c) 6 (d) 16
 (e) 24
17. How many cubes have only two faces painted?
 (a) 0 (b) 6
 (c) 12 (d) 16
 (e) 24 (f) None of these
18. How many cubes have only three faces painted?
 (a) 0 (b) 6
 (c) 8 (d) 16
 (e) 32 (f) None of these
19. How many cubes have only four faces painted?
 (a) 0 (b) 4
 (c) 6 (d) 8
 (e) 10 (f) None of these
20. How many cubes have no faces painted?
 (a) 1 (b) 6
 (c) 8 (d) 10
 (e) 14 (f) None of these

Directions (21-25) These questions are based on the diagram in which three circles are interlocked. Different regions of the diagram are indicated.



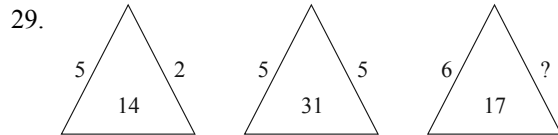
21. How many children speak all the three languages?
 - (a) 7
 - (b) 12
 - (c) 44
 - (d) 19
 - (e) None of these
22. How many children can speak Hindi and English but not Urdu?
 - (a) 42
 - (b) 15
 - (c) 33
 - (d) 22
 - (e) None of these
23. How many children can speak English only?
 - (a) 18
 - (b) 42
 - (c) 33
 - (d) 20
 - (e) None of these
24. How many children can speak Urdu and Hindi only?
 - (a) 12
 - (b) 7
 - (c) 52
 - (d) 15
 - (e) None of these
25. How many children can speak Hindi only?
 - (a) 27
 - (b) 37
 - (c) 30
 - (d) 33
 - (e) None of these

Directions (26-28) Of the four alternatives in each of the following questions, three alternatives are such that the three words in each are related among themselves in one of the five ways represented by (a), (b), (c), (d) and (e) below, while none of these relationships is applicable to the remaining alternatives. That is your answer.



26. (a) man, typist, peon
(b) army, general, colonel
(c) painter, scholar, table
(d) boy, student, player
(e) None of these
27. (a) hen, dog, cat
(b) tiger, animal, carnivorous
(c) animal, dog, cat
(d) bed, ward, nurse
(e) None of these
28. (a) boy, girl, student
(b) atmosphere, air, oxygen
(c) body, ear, mouth
(d) man, worker, garden
(e) None of these

Directions (29-33) Which number will come in place of the question mark?

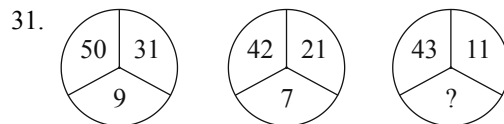


29. (a) 5 (b) 2
(c) 8 (d) 11
(e) None of these

30.

9	5	6
5	7	?
3	4	5
135	140	150

30. (a) 8 (b) 10
(c) 5 (d) 4
(e) None of these



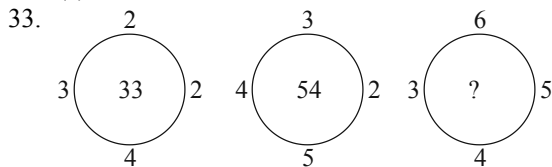
- 31.

- (a) 5 (b) 6
(c) 8 (d) 9
(e) None of these

32.

BD ₅	CE ₅	DF ₁₅
EG ₂	FH ₄	GI ₁₂
HJ ₄	IK ₆	?

- (a) IJ₉ (b) JL₁₈
(c) JK₁₈ (d) JL₉
(e) None of these



- (a) 94 (b) 12
(c) 86 (d) 78
(e) None of these

Directions (34-38) In the following questions, a letter series is given which has some blank. Which set of letters when placed consecutively one after another in the blank shall complete the series?

34. a—bba—b—aab—ba
(a) aabba (b) babaa
(c) baaab (d) babbb
(e) None of these
35. —aa—ba—bb—ab—aab
(a) bbbba (b) aaabb
(c) bbaab (d) babab
(e) None of these
36. —bab—bab—a—aba
(a) bbbba (b) ababa
(c) aabba (d) aaaab
(e) None of these
37. a—b—b—bb—b—bbbb
(a) bbaba (b) aabba
(c) aaaab (d) babaa
(e) None of these
38. ab—cba—bcc—abccb—abc—ba
(a) cabac (b) cbaac
(c) acbaa (d) caaaa
(e) None of these

39. Sushma is richer than Rashmi where as Anand is richer than Priya. Arun is as rich as Rashmi. Shoba is richer than Sushma.

Which of the following statements is *correct* according to the above propositions?

- (a) Rashmi is poorer than Priya
(b) Priya is richer than Arun
(c) Arun is poorer than Sushma
(d) Anand is richer than Rashmi
(e) None of these
40. Mayur, Pranab, Ashok and Kabul are four friends. To find out who among them is the heaviest, which of the following information given in the statements P and Q is/are sufficient?
- (P) Pranab is heavier than Mayur and Kabul but lighter than Ashok
(Q) Mayur is lighter than Pranab and Ashok but heavier than Kabul
- (a) Either P or Q is sufficient
(b) Both P and Q together are not sufficient
(c) Only P is sufficient
(d) Only Q is sufficient
(e) None of these

Directions (41-45) Five friends, P, Q, R, S and T are travelling in a group.

- (i) In the group, there is one tennis player, one cricket player and one chess player
(ii) P, the son of a doctor, earns more than tennis player
(iii) S is an unmarried lady
(iv) There is one married couple in the group of which Q is the husband
(v) T is the brother of R and is neither a chess player nor a cricket player
(vi) The cricket player earns the least money
41. Which of the following is a group of male friends?
(a) P, Q, R (b) Q, T, R
(c) P, R, T (d) P, Q, T
(e) None of these
42. Who is the cricket player?
(a) P (b) Q
(c) R (d) S
(e) None of these
43. Who is the sister of R?
(a) P (b) Q
(c) S (d) T
(e) None of these

44. Who is the chess player?
 (a) P (b) Q
 (c) R (d) S
 (e) None of these
45. Who is the wife of Q?
 (a) P (b) R
 (c) S (d) T
 (e) None of these

Directions (46-50) The Director of the Institute has announced that six guest lectures on different areas like Leadership, Decision Making, Quality Circles, Motivation, Assessment Centre and Group Discussion are to be organised, only one on each day from Monday to Sunday in the month of March 1996, in accordance with the following :

- (i) Motivation should be organised immediately after Assessment Centre.
 - (ii) Quality Circle should be organised on Wednesday and should not be followed by Group Discussion
 - (iii) Decision Making should be organised on Friday and there should be a gap of two days between Leadership and Group Discussion
 - (iv) One day, there will be no lecture (Saturday is *not* that day), just before that day Group Discussion will be organised
46. How many lectures are organised between Motivation and Quality Circle?
 (a) Three (b) Four
 (c) Two (d) One
 (e) None of these
47. Which of the following information is not required for the above lecture arrangements?
 (a) Only I (b) Only III
 (c) Only II (d) Only IV
 (e) All are required
48. On which day is there no lecture?
 (a) Monday (b) Sunday
 (c) Tuesday (d) Wednesday
 (e) None of these
49. Which of the two pairs of lectures organised on first and last day?
 (a) Group Discussion and Decision Making
 (b) Quality circle and Motivation
 (c) Leadership and Assessment Centre
 (d) Group discussion and Quality Circle
 (e) None of these

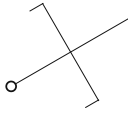
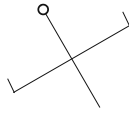
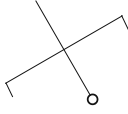
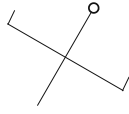
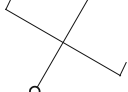
50. On which day will the lecture on Leadership be organised?
 (a) Wednesday (b) Friday
 (c) Saturday (d) Tuesday
 (e) None of these
51. Introducing a woman, a man said, "Her father is the only son of my mother." How is that woman related with the man?
 (a) Sister (b) Daughter
 (c) Aunt (d) Mother
 (e) None of these
52. Pointing to a boy, Ram said, "His only brother's mother is my father's wife." How is Ram related to the boy?
 (a) Uncle (b) Father
 (c) Nephew (d) Brother
 (e) None of these
53. A is the sister of B, C is the mother of B, D is the father of C and E is the mother of D. How is A related to E?
 (a) Daughter (b) Grand-daughter
 (c) Grandson (d) Grand mother
 (e) None of these

Directions (54-58) Considering the relationship between the terms of first pair, gives the word/letters/number with same relationship missing in the second pair.

54. Rainbow : Sky :: Mirage : ?
 (a) Desert (b) Rainbow
 (c) Earth (d) Water
 (e) None of these
55. Honour : Disgrace :: Victory : ?
 (a) Loss (b) Defeat
 (c) Gain (d) Disgrace
 (e) None of these
56. SINGLE : ELGNIS : POLITE : ?
 (a) TEILOP (b) ETLIOP
 (c) ETILOP (d) TEILOP
 (e) None of these
57. YAWC : UESG :: QIOK : ?
 (a) MOKM (b) MKMO
 (c) MMKO (d) MKOM
 (e) None of these
58. 8017 : 7968 :: 3234 : ?
 (a) 2175 (b) 3175
 (c) 1375 (d) 1475
 (e) None of these

Directions (59-69) Which one is *different* from the rest four?

59. (a) Grams (b) Kilograms
(c) Kilometres (d) Quintals
(e) Tonnes
60. (a) September (b) October
(c) November (d) December
(e) January
61. (a) APBQ (b) EUFV
(c) GWHX (d) CRDT
(e) LNMO
62. (a) (22 - 3) (b) (28 - 4)
(c) (36 - 5) (d) (43 - 6)
(e) (50 - 7)

63. (a)  (b) 
- (c)  (d) 
- (e) 

Directions (64-65) Which letter will complete the following series?

64. C, J, P, U, Y, ?
(a) A (b) B
(c) C (d) D
(e) None of these
65. CXDW, EVFU, GTHS, IRJQ, ?
(a) LKOP (b) PKOL
(c) KOLP (d) KPLO
(e) None of these

Directions (66-70) A wooden cube has Circle (O), Cross (X), Triangle (Δ), Square (\square) and double lines (=) marked on five of its faces. The bottom surface is blank. The double lines (=) is between the Cross (X) and the square (\square) and the Triangle (Δ) is on the square's right.

266. Where is the Circle?

- (a) To left of B (b) Right of B
(c) Top of B (d) Bottom of B
(e) A or B

67. Which symbol is opposite the face having Double Lines?

- (a) \square (b) Δ
(c) O (d) =
(e) Blank

68. Which symbol is opposite the Cross?

- (a) \square (b) Δ
(c) O (d) =
(e) Blank

69. Which symbol is on the top face?

- (a) \square (b) Δ
(c) O (d) =
(e) Blank

70. How many arrangements are possible with the given data?

- (a) 6 (b) 7
(c) 8 (d) 9
(e) None of these

Directions (71-75) In a code digits are assigned towards. The digits are not arranged in the same order as the words.

MARKET WAS FULL is written as 1 2 3, HOUSE IS FULL as 2 4 5, PEOPLE LIVE IN HOUSE as 4 6 7 8, PEOPLE LIKE MARKET as 3 0 1, and SELLERS IN MARKET as 1 6 9.

71. Which digit stands for 'IN' ?

- (a) 4 (b) 2
(c) 1 (d) 6
(e) None of these

72. Which digit stands for 'IS' ?

- (a) 5 (b) 4
(c) 8 (d) 7
(e) None of these

73. Which word is the key for code '8' ?

- (a) House (b) Market
(c) Live (d) People
(e) None of these

74. Which word is the key for digit '4' ?

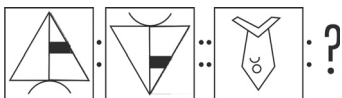
- (a) Full (b) In
(c) Market (d) Live
(e) None of these

75. How will 'SELLERS LIKE PEOPLE' be coded?

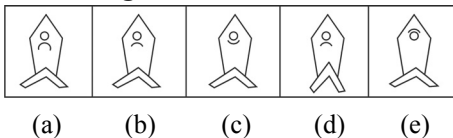
- (a) 604 (b) 908
(c) 987 (d) 967
(e) None of these

Directions (76-85) The second figure in the first unit of the Problem Figures bears a certain relationship to the first figure. Similarly, one of the figures in the Answer Figures bears the same relationship to the second figure in the second unit of the Problem Figures. You are, therefore, to locate the figure which would fit the question-mark?

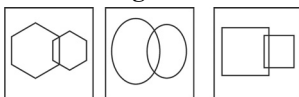
76. Problem Figures



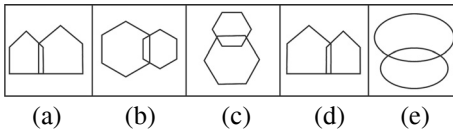
Answer Figures



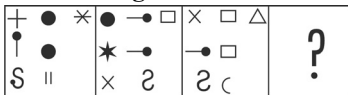
77. Problem Figures



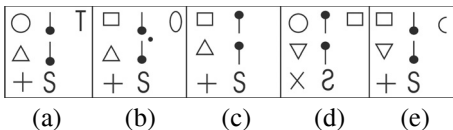
Answer Figures



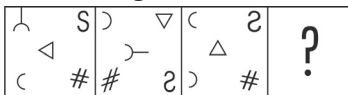
78. Problem Figures



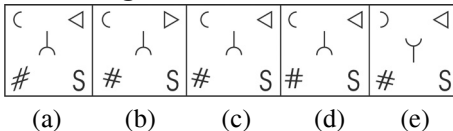
Answer Figures



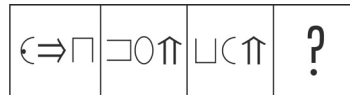
79. Problem Figures



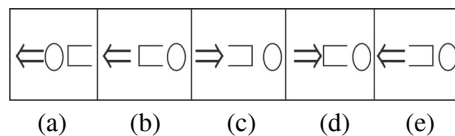
Answer Figures



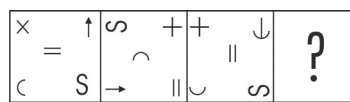
80. Problem Figures



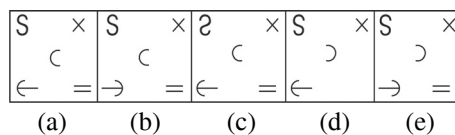
Answer Figures



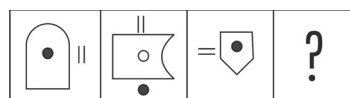
81. Problem Figures



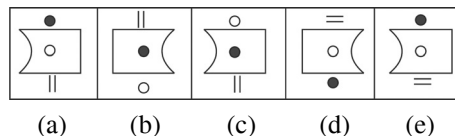
Answer Figures



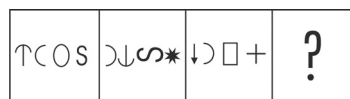
82. Problem Figures



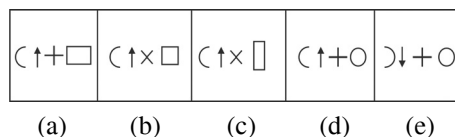
Answer Figures



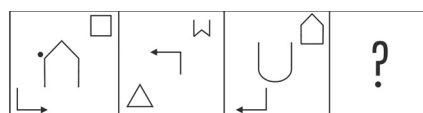
83. Problem Figures



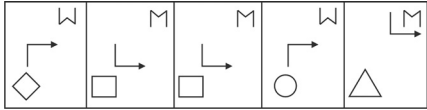
Answer Figures



84. Problem Figures

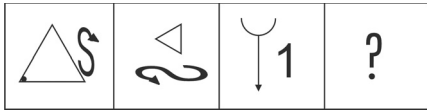


Answer Figures

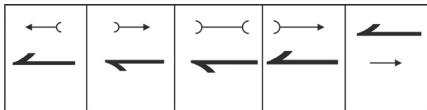


(a) (b) (c) (d) (e)

85. Problem Figures

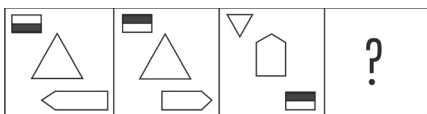


Answer Figures

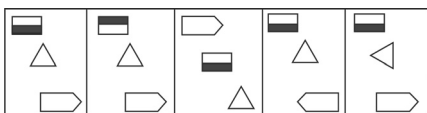


(a) (b) (c) (d) (e)

86. Problem Figures



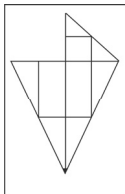
Answer Figures



(a) (b) (c) (d) (e)

Directions (87-90) Which one of the answer figures shall complete the given question figure?

87. Problem Figures

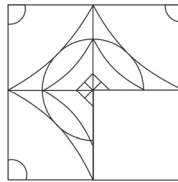


Answer Figures

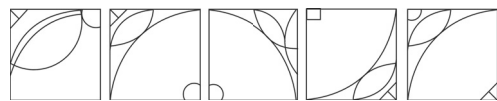


(a) (b) (c) (d) (e)

88. Problem Figures

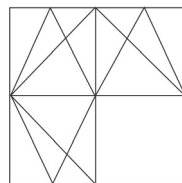


Answer Figures



(a) (b) (c) (d) (e)

89. Problem Figures

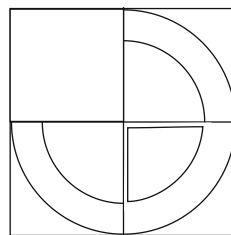


Answer Figures

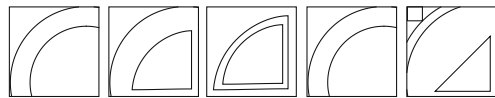


(a) (b) (c) (d) (e)

90. Problem Figures

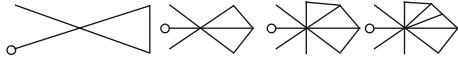


Answer Figures

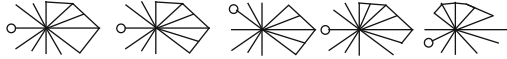


(a) (b) (c) (d) (e)

91. Problem Figures

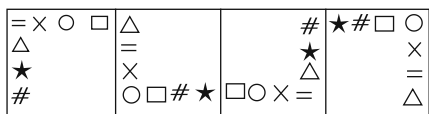


Answer Figures

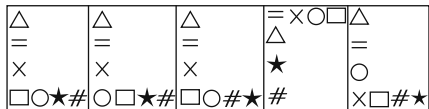


(a) (b) (c) (d) (e)

92. Problem Figures

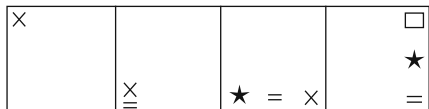


Answer Figures

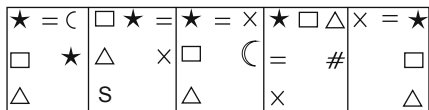


(a) (b) (c) (d) (e)

93. Problem Figures

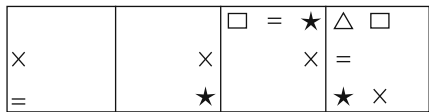


Answer Figures

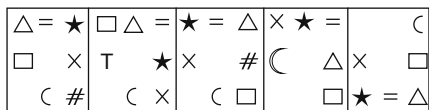


(a) (b) (c) (d) (e)

94. Problem Figures

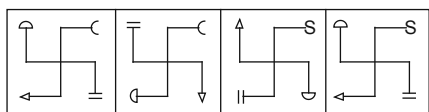


Answer Figures

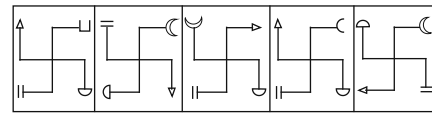


(a) (b) (c) (d) (e)

95. Problem Figures

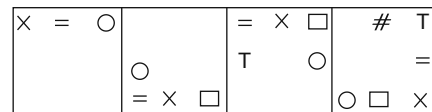


Answer Figures

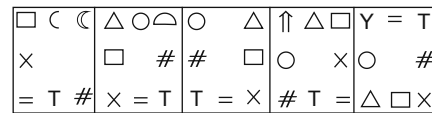


(a) (b) (c) (d) (e)

96. Problem Figures

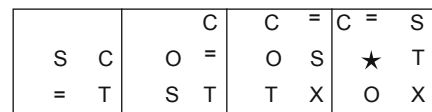


Answer Figures

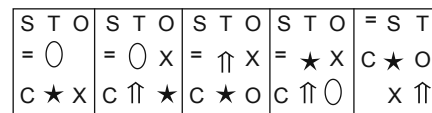


(a) (b) (c) (d) (e)

97. Problem Figures

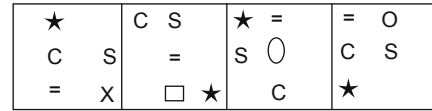


Answer Figures

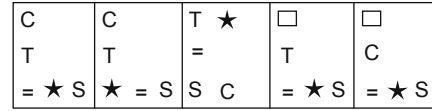


(a) (b) (c) (d) (e)

98. Problem Figures

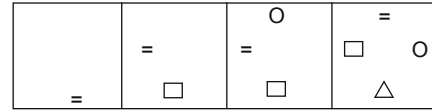


Answer Figures



(a) (b) (c) (d) (e)

99. Problem Figures



Answer Figures

= ○	□ X	= X	□	=
□ ○	△ =	□ ○	△ =	□ ○
△ X	★ ○	★ △ X	X T O	△ X
(a)	(b)	(c)	(d)	(e)

Answer Figures

X T	T ○ C	C T □	= X P	T † C
= C	X ★	X ★	S T	X ★
S ★	= S	= S	★ C	= S
(a)	(b)	(c)	(d)	(e)

100. Problem Figures

S	C	★ S	=
C	X S	C X	S X
			★ C

Answers

201. (c)	202. (b)	203. (b)	204. (c)	205. (a)	206. (d)	207. (a)	208. (b)	209. (c)	210. (a)
211. (d)	212. (d)	213. (d)	214. (c)	215. (d)	216. (c)	217. (c)	218. (c)	219. (a)	220. (a)
221. (a)	222. (b)	223. (a)	224. (a)	225. (c)	226. (e)	227. (a)	228. (d)	229. (c)	230. (c)
231. (b)	232. (b)	233. (a)	234. (b)	235. (e)	236. (d)	237. (d)	238. (a)	239. (c)	240. (c)
241. (d)	242. (b)	243. (c)	244. (a)	245. (b)	246. (a)	247. (e)	248. (c)	249. (e)	250. (e)
251. (b)	252. (d)	253. (b)	254. (a)	255. (b)	256. (c)	257. (b)	258. (b)	259. (c)	260. (e)
261. (d)	262. (b)	263. (e)	264. (b)	265. (c)	266. (a)	267. (e)	268. (a)	269. (d)	270. (c)
271. (d)	272. (a)	273. (d)	274. (c)	275. (b)	276. (b)	277. (d)	278. (b)	279. (a)	280. (c)
281. (a)	282. (e)	283. (d)	284. (c)	285. (b)	286. (a)	287. (b)	288. (b)	289. (d)	290. (b)
291. (d)	292. (d)	293. (e)	294. (e)	295. (b)	296. (c)	297. (e)	298. (c)	299. (e)	300. (a)