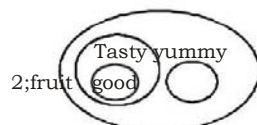
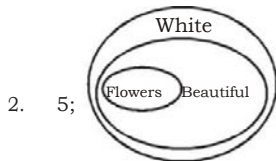
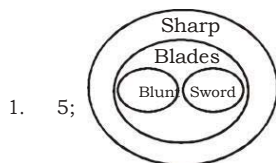


SHORT ANSWER

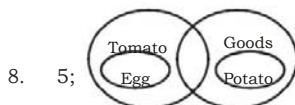
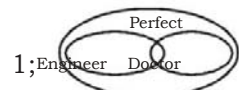
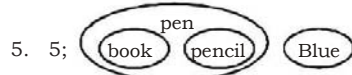
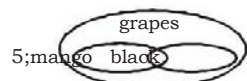
1. (5)	2. (5)	3. (2)	4. (5)	5. (5)	6. (5)	7. (1)	8. (5)
9. (5)	10. (5)	11. (5)	12. (5)	13. (5)	14. (2)	15. (5)	16. (5)
17. (1)	18. (5)	19. (1)	20. (2)	21. (1)	22. (2)	23. (4)	24. (3)
25. (4)	26. (2)	27. (5)	28. (5)	29. (4)	30. (4)	31. (5)	32. (2)
33. (5)	34. (1)	35. (4)	36. (2)	37. (5)	38. (4)	39. (1)	40. (1)
41. (1)	42. (2)	43. (4)	44. (5)	45. (5)	46. (1)	47. (4)	48. (1)
49. (5)	50. (3)	51. (1)	52. (4)	53. (1)	54. (2)	55. (1)	56. (1)
57. (2)	58. (1)	59. (4)	60. (5)	61. (2)	62. (2)	63. (1)	64. (2)
65. (2)	66. (2)	67. (5)	68. (1)	69. (2)	70. (1)	71. (5)	72. (5)
73. (2)	74. (1)	75. (1)	76. (4)	77. (1)	78. (2)	79. (2)	80. (1)
81. (2)	82. (5)	83. (5)	84. (1)	85. (4)	86. (2)	87. (5)	88. (1)
89. (5)	90. (4)	91. (1)	92. (5)	93. (5)	94. (2)	95. (4)	96. (4)
97. (1)	98. (2)	99. (4)	100. (1)	101. (5)	102. (1)	103. (2)	104. (5)
105. (4)	106. (2)	107. (4)	108. (4)	109. (2)	110. (1)	111. (5)	112. (4)
113. (5)	114. (2)	115. (5)	116. (1)	117. (1)	118. (4)	119. (2)	120. (4)
121. (1)	122. (3)	123. (5)	124. (2)	125. (2)	126. (1)	127. (4)	128. (5)
129. (4)	130. (2)	131. (5)	132. (1)	133. (4)	134. (5)	135. (2)	136. (5)
137. (5)	138. (1)	139. (1)	140. (5)	141. (1)	142. (5)	143. (3)	144. (1)
145. (1)	146. (5)	147. (4)	148. (5)	149. (2)	150. (2)	151. (1)	152. (4)
153. (5)	154. (5)	155. (5)	156. (3)	157. (2)	158. (1)	159. (1)	160. (4)
161. (2)	162. (1)	163. (1)	164. (4)	165. (1)	166. (2)	167. (1)	168. (2)
169. (4)	170. (5)	171. (1)	172. (4)	173. (4)	174. (5)	175. (1)	176. (2)
177. (5)	178. (1)	179. (5)	180. (5)	181. (1)	182. (4)	183. (1)	184. (5)
185. (2)	186. (2)	187. (2)	188. (4)	189. (2)	190. (1)	191. (2)	192. (3)
193. (1)	194. (1)	195. (5)	196. (4)	197. (1)	198. (2)	199. (5)	200. (4)
201. (1)	202. (2)	203. (4)	204. (2)	205. (5)	206. (1)	207. (5)	208. (3)
209. (2)	210. (1)	211. (2)	212. (5)	213. (1)	214. (3)	215. (5)	216. (2)
217. (1)	218. (4)	219. (3)	220. (1)	221. (1)	222. (2)	223. (1)	224. (5)
225. (1)	226. (4)	227. (2)	228. (1)	229. (2)	230. (2)	231. (1)	232. (5)
233. (4)	234. (5)	235. (2)	236. (1)	237. (1)	238. (2)	239. (1)	240. (5)
241. (1)	242. (1)	243. (4)	244. (1)	245. (4)	246. (5)	247. (2)	248. (5)
249. (4)	250. (3)	251. (5)	252. (1)	253. (4)	254. (1)	255. (5)	256. (5)
257. (4)	258. (3)	259. (2)	260. (4)	261. (2)	262. (1)	263. (2)	264. (4)
265. (5)	266. (2)	267. (1)	268. (5)	269. (5)	270. (3)	271. (1)	272. (5)
273. (4)	274. (1)	275. (5)	276. (2)	277. (1)	278. (5)	279. (1)	280. (1)
281. (1)	282. (5)	283. (2)	284. (1)	285. (1)	286. (5)	287. (4)	288. (2)
289. (2)	290. (1)	291. (1)	292. (4)	293. (2)	294. (2)	295. (5)	296. (4)
297. (5)	298. (4)	299. (5)	300. (4)				

[30]
ANSWERS

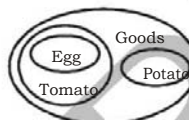
10. 5;



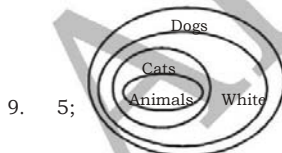
So, II follows.



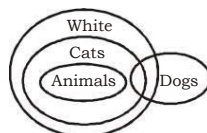
Hence, I follows.



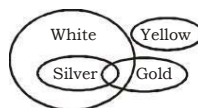
Thus, II follows



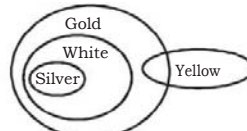
OR



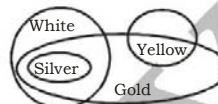
In both the possible cases above, I follows.



OR

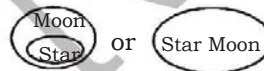


OR



From the above possible venn diagrams, both I and II follow.

5; Possible Venn diagrams are



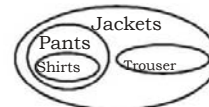
Thus, I follows,



Thus, II follows.

12. 5; From the Venn diagram (c), both I and II follow.

5; A possible Venn diagram is



So, both I and II follow.

2; From the above possible diagram, I does not follow.

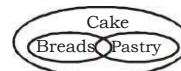
Only II follows.

5;



Thus, II follows.

Another possible Venn diagram is



Thus, I follows.

16. 5;



Thus, II follows.

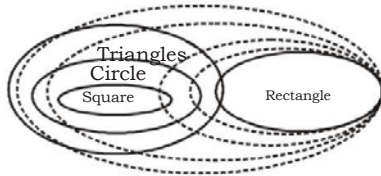
Another possible Venn diagram is



Thus, I follows.

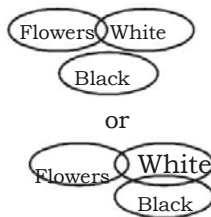
17. 1; From the above two Venn diagrams II does not follow.
Only I follows.

(18-19):



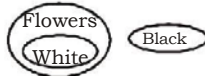
Dash lines indicate possibilities.

5
1
2;

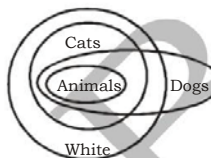


Thus, I doesn't follow.

Another possible Venn diagram is



Thus, II follows.



From the above two venn diagrams, II follows.

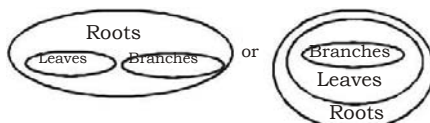
1; Possible Venn-diagrams are



Thus only I follows.

doesn't follow as it is not always true.

2; Possible Venn-diagrams are

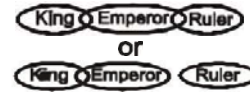


So, only II follows.

23. 4;



24. 3;



25. 4;



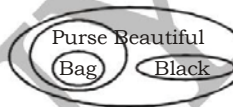
(26 - 277):

Possible Venn-diagram are



2; Thus, only II follows.

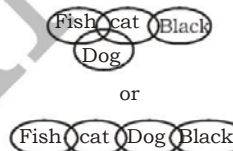
5; Another possible Venn - diagram is



Both I and II follow.

(28-29):

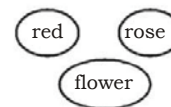
Possible Venn - diagram is



5; Both I and II follow.

4

4; Possible Venn-diagram -



Thus neither I nor II follows.

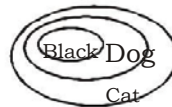


31. 5;

I follows

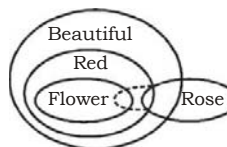
II also follows.

2; From the above Venn-diagram in Question 161, I doesn't follow. Also,



Thus, II follows

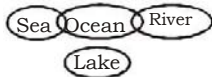
33. 5;



Both I and II follow.

1; From the above Venn - diagram only I follows.

4; A possible Venn - diagram is



Thus, neither I nor II follows.

2;



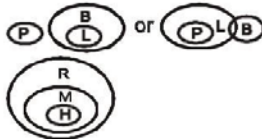
5

4;



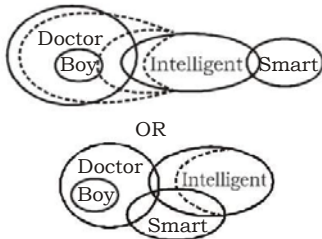
1;

40. 1;



(41-42):

Possible Venn-diagrams are

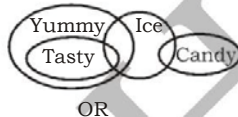


1; Only I follows.

2; Only II follows.

(43-44):

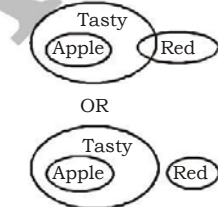
Possible venn diagrams are



43. 4

5

5; Possible Venn-diagrams are



Possible Venn-diagrams are

46. 1; Some powders are soaps (I) \rightarrow conversion \rightarrow Some soaps are powders (I).

Again, only detergents are powders \rightarrow conversion \rightarrow All powders are detergents.

Some soaps are powders + All powders are detergents =
I + A = I = Some soaps are detergents. Hence, I follows.
But its conversion does not lead to II.

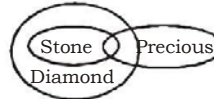
4; I + I = No conclusion.

1; No perfume is a paper + Some papers are bottles = E + I
O* = Some bottles are not perfumes. Hence, I follows.
But we can't proceed further. Hence, II does not follow.

5; The possibility in I exists as there is negative statement.
Again, All books are magazines + All magazines are ice
= A + A = A = All books are ice \rightarrow conversion \rightarrow Some
ice are books (I). Hence, II follows.

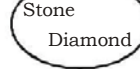
3; They form an I - E complementary pair.

1;



Thus, only I follows.

52. 4;

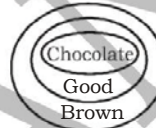


Thus, I doesn't follow.

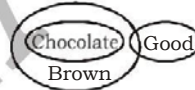


Thus, doesn't II follow.

53. 1;



Or



Thus, only I follows.

54. 2;



Thus, only II follows.

55. 1; A possible Venn-diagram is



Thus only I follows

56. 1;



Some trees are bushes Some bushes are trees. It means
at least some bushes are trees. Hence, conclusion I
follows. But conclusion II does not follow

because A + I \rightarrow No conclusion.

2; All colours are paints (A) + No paint is a brush (E) = A +

E = E \rightarrow No colour is a brush

\rightarrow Con ver sion \rightarrow No brush, is a colour.

Hence, conclusion II follows. But conclusion I does
not follow.

1; Some chemicals are organics (I) + All organics are

fertilizers (A) = I + A = I \rightarrow Some chemicals are
fertilizers. It means At least some fertilizers are
chemicals.

Hence, conclusion I follows but conclusion II does not
follow.

59. 4; No air is solid (E) + Some solids are liquids (I) = E + I =

O*. Some liquids are not air. Neither conclusion I nor II follows.

- 5; All gems are diamonds (A) + All diamonds are rocks (A) =
 $A + A = A \longrightarrow$ All gems are rocks. Thus, conclusion II follows.

Conversion

Now, All gems are rocks \longrightarrow Some rocks are gems. It means, At least some rocks are gems. Hence, both conclusion I and II follow.

- 2; I does not follow because there is no negative statement.

$I + A = I$ (Some colleges are universities $\xrightarrow{\text{conversion}}$ Some universities are colleges + All colleges are schools = Some universities are schools. Hence, probability of II exists.

62. 2; Some universities are colleges + All colleges are schools (I + A = I) = Some universities are schools. This does not lead us to I. II follows because All colleges are schools.

- 1; No pencil is a paper + All papers are notebooks (E + A = O*) Some notebooks are not pencils. Hence, possibility of II is ruled out. All pens are pencils + No pencil is a paper (A + E = E) \rightarrow No pen is a paper + All papers are notebooks (E + A = O*) Some notebooks are not pens. This does not rule out the possibility of I.

- 2; II follows (A + E = E) but I does not follow unless All pencils are pens.

- 2; Since there is no negative statement, possibility exists but certainty does not follow.

- 2; All tables are chairs + No chair is a cooler (A + E = E) = No table is a cooler + All coolers are fans (E + A = O*) = Some fans are not tables. Hence, I does not follow. But No chair is a cooler + All coolers are fans = Some fans are not chairs. This leaves us with the possibility of II.

- 5; A + E = E. So, I follows. We also get Some fans are not tables. This leaves the possibility of II.

- 1; There is no negative statement. Hence II does not follow and I follows.

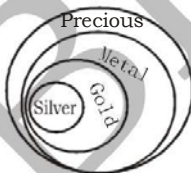
- 2; I + A = I. Hence, Some strong are winners + All winners are modest = Some strong are modest. This leaves us with the possibility of II.

- 1; No weak is strong + Some strong are modest = E + I = O* Some modest are not weak. This leaves us with the possibility of I. While No weak is strong + Some strong are winners (E + I \rightarrow O*). So, II does not follow.

- 5; A possible Venn-diagram is

(a) 

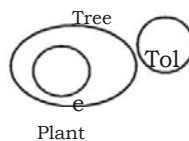
Thus I follows

(b) 

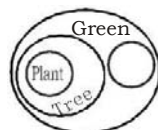
Thus II also follows.

- 5; From the Venn-diagram (b), both I and II follow

- 2;

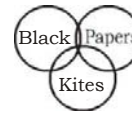


74. 1; A possible Venn-diagram is



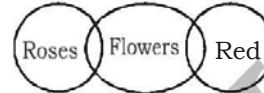
Thus I follows. But II doesn't follow.

75. 1;

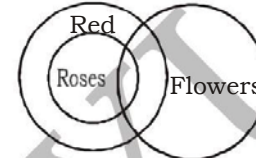


Thus I follows.

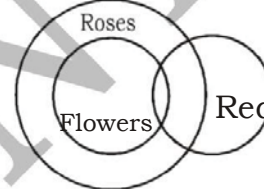
- (76-77): Possible Venn diagrams are:



or



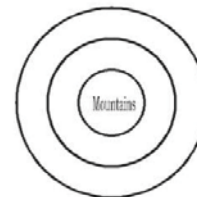
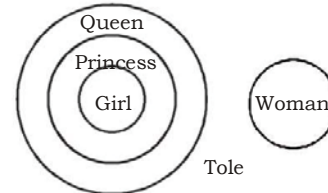
OR



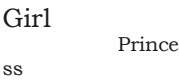
- 4; Neither I nor II follows.

- 1; Only I follows.

- (78-79):



- 2; Only conclusion II follows.
- 2; A possible Venn diagram is



- Thus, only II follows.
- 1; A possible Venn diagram is



- Thus, only I follows.
- 2; All apartments are buildings + All buildings are cottages

A + A

→

A = All apartments are cottages. Hence, I does not follow.
- Some apartments are huts (I)

→

conversion

→

Some huts

are apartments (I) + All apartments are buildings (I + A → I) = Some huts are buildings. Hence the possibility of exists.

- 5; All staplers are printers + No printer is a computer = A + E No stapler is a computer + All computers are machines. = E + A → O* = Some machines are not staplers. This does not rule out the possibility of I. All staplers are printers + No printer is a computer = A + E → E = No stapler is a computer. Hence, II also follows.

83. 5; I is true because All planets are fans. For II: All planets are fans → Conversion → Some fans are planets + No planet is a universe. → Some fans are not universe. This does not rule out the possibility of II.

- 1; Some professors are intelligent (I) + No intelligent is honest = I + E → O = Some professors are not honest. This leaves us with the possibility of I. While II does not follow because 'No Intelligent is an honest.'

- 4; All tins are copper + No copper is a metal = A + E → E = No tin is a metal. So the possibility of I is ruled out. No pin is a tin + All tins are copper = (E + A → O* = Some coppers are not pins. So, II does not follow.

- 2; Some balls are locks. + All locks are keys (I + A → I) = Some balls are keys + Some doors are keys (I + I no conclusion). So, I does not follow. As there is no negative statement, so possibility case is true.

- 5; Some balls are locks + All locks are keys (I + A → I). So, II follows. Some doors are keys can be derived from 'All doors are keys'. So, possibility case follows.

- 1; Some ants are birds → conversion → Some birds are ants
All ants are cobras (I + A → I) Some birds are cobras.

All lizards are birds. + Some birds are cobras (A + I no conclusion). But in case of possibility All cobras being lizards can be true.

5

- 4; 'No', statement can never lead to 'All'. So, I does not follow.

And Some shares are debentures + No debenture is an equity (I + E → O) = Some shares are not equities. So, possibility of II is also ruled out.

(91-92):

- 1; One of the possible Venn-diagrams is-

Star
Planet

Thus only I follows.

92. 5; From the above Venn diagram both I and II follow.

(93-94):

Amphibian
insect
Plant

93. 5 94. 2

(95-97):

hut cottage

95. 4 96. 4 97. 1

98. 2; All exams are tests (A) + No test is a question (E) = A + E → E = No exam is a question. Hence, only conclusion II follows. But conclusion I does not follow.

- 4; No bangle is an earring (E) + Some earrings are rings (I) → B + I → O* = Some rings are not bangles.

Hence, neither conclusion I nor II follows.

- 1; Some banks are colleges (I) + All colleges are schools (A)

I + A → I = Some banks are schools. It means, at least some banks are schools.

Hence, only conclusion I follows, but conclusion II does not follow.

101. 5; All books are magazines (A) + No magazine is a newspaper (E) = A + E = E = No book is a newspaper. Hence, conclusion I follows.

Again, All books are magazines → conversion → Some magazines are books, Thus conclusion II follows. So, both conclusion I and conclusion II follow.

102. 1; Some mobiles are telephones (I) + All telephones are pagers (A) = I + A = I = Some mobile are pagers (I) + No pagers is a camera (E) = I + E = O = Some mobiles are not cameras. Hence, I follows.

103. 2; All telephones are pagers (A) + No pager is a camera (E) = A + E = E = No telephone is a camera. Hence conclusion I does not follow.

But, Some mobiles are telephones means, All mobiles being telephone is a possibility.

104. 5; All squares are cubes (A) + No cube is a cuboid (E) = A +

E = E = No square is a cuboid → conversion → No cuboid is a square. Hence, conclusion I follows. No cube is a cuboid (E) + Some cuboids are rectangles (I) = E + I = O* = Some rectangles are not cubes. It means All cubes being rectangle is a possibility. Both conclusion I and II follow.

105. 4; All squares are cubes (A) + No cube is a cuboid (E) = A + E = No square is a cuboid (E) + Some cuboids are rectangles (I) = E + I = O* = Some rectangle are not squares,

Hence, conclusion I does not follow.

Similarly conclusion II does not follow.

106. 2; All fruits are vegetables (A) → conversion → Some vegetables are fruits.

It means, All vegetables being fruits is a possibility. Hence, conclusion II follows.

But, Some vegetables are pulses (I) + Some pulses are not cereals (O) = I + O = No conclusion.

Hence, conclusion I does not follow.

107. 4; All schools are colleges → conversion → Some colleges are schools (I) + All schools are universities (A) = I + A = I = Some colleges are universities. Hence, conclusion I does not follow.

All schools are universities (A) + No university is a campus (E) = A + E = E = No school is a campus.

Hence, conclusion II does not follow. Thus, neither conclusion I nor II follows.

108. 4; Some exams are tests → conversion → Some tests are exams (I) + No exam is a question (E) = I + E = O = Some tests are not questions. Hence, neither conclusion I nor II follows.

109. 2; All forces are energies (A) + All energies are powers (A) = A + A = A = All forces are powers (A) + No power is heat (E) = A + E = E

No force is heat → conversion → No heat is force Hence, conclusion II follows but conclusion I does not follow.

110. 1; ALL energies are powers (A) + No power is heat (E) = A + E = E = No energy is heat.

Hence, conclusion I follows.

But, All forces are power (A) + No power is heat (E) = A + E = E = No force is heat.

So, conclusion II does not follow.

111. 5; All plastics are notes (A) + No note is a coin (E) = A + E = E = No plastic is a coin → conversion → No coin is plastic.

Hence, conclusion I follows.

Again, No plastic is coin (E) + Some coins are metals (I) = E + I = O* = Some metals are not plastics. It means All plastics being metals is a possibility.

112. 4; All plastics are notes (A) → conversion → Some notes are

plastics.

Hence, conclusion II does not follow.

Again, All plastics are notes (A) + No note is a coin (E) = A + E = E = No plastic is a coin (E) + Some coins are metals (I) = E + I = O* = Some metals are not plastics.

Hence, conclusion I does not follow.

Thus neither conclusion I nor conclusion II follows.

113. 5; Some symbols are figures $\xrightarrow{\text{conversion}}$ Some figures
are symbols (I) + All symbols are graphics (A) = I + A = I
= Some figures are graphics $\xrightarrow{\text{conversion}}$ Some

graphics are figures.

Hence, conclusion I follows.

Again, All symbols are graphics (A) + No graphic is a picture (E) = A + E = E = No symbol is a picture.

Hence, conclusion II follows.

Thus, both conclusion I and II follow.

114. 2; All vacancies are jobs (A) + Some jobs are occupations (I) = A + I = No conclusion.
Hence, I does not follow.

All vacancies are jobs $\xrightarrow{\text{con}} \text{vers} \xrightarrow{\text{ion}}$ Some jobs are vacancies (I) + Some jobs are occupation (I) = I + I = I = No conclusion

However, All occupations being vacancies is a possibility. Thus, conclusion II follows.

115. 5; All aeroplanes are kites (A) + All kites are birds (A) = A + A \rightarrow
A = All aeroplanes are birds.
Hence, conclusion II follows.
Again, All kites are birds (A) + No bird is a fish (E) = A + E \rightarrow
E = No kite is a fish $\xrightarrow{\text{con}} \text{ver} \xrightarrow{\text{sion}}$ No fish is a kite. So, conclusion I follows.
Hence both conclusion I and conclusion II follow.

116. 1; Some wires are fires (I) + All fires are tyres (A) = I + A \rightarrow I
= Some wires are tyres $\xrightarrow{\text{con}} \text{vers} \xrightarrow{\text{ion}}$ Some tyres are wires.
Hence, conclusion I follows but II doesn't follow.

117. 1; All badges are pins (A) + [No clip is a pin $\xrightarrow{\text{con}} \text{vers} \xrightarrow{\text{ion}}$ No pin is a clip (E)] = A + E \rightarrow E =
No badge is a clip. Hence conclusion I follows.

But, All badges are pins $\xrightarrow{\text{con}} \text{vers} \xrightarrow{\text{ion}}$ Some pins are badges. Hence, conclusion II does not follow.

- 4; No colour is a paint (E) + No paint is a brush (E) = E + E \rightarrow
No conclusion Hence, neither conclusion I nor conclusion II follows.

- 2; All stars are planets (A) + All planets are galaxies (A) = A + A \rightarrow
A = All stars are galaxies.

Hence, conclusion II follows.

But, conclusion I does not follow.

120. 4; E + E = No conclusion.

Thus, neither conclusion I nor conclusion II follows.

121. 1; All rewards are medals (A) + All medals are awards (A) = A + A = A = All rewards are awards.

Hence, conclusion I follows.

But, conclusion II does not follow.

122. 3; All bushes are plants + Some plants are trees = A + I = No conclusion.

Hence, neither conclusion I nor II follows. However, since they make a complementary pair I-O, either conclusion I or conclusion II follows.

123. 5; All bottles are glasses (A) + [No cup is a glass (E) $\xrightarrow{\text{con}} \text{ver} \xrightarrow{\text{sion}}$] No glass is a cup (E)

= A + E = E = No bottle is a cup.

Hence conclusion I follows.

Again,

All bottles are glasses $\xrightarrow{\text{con}} \text{ver} \xrightarrow{\text{sion}}$ Some glasses are bottles. It means,

At least some glasses are bottles.

Hence conclusion II follows.

Thus, both conclusion I and II follow.

124. 2; All entrances are windows (A) + All windows are doors (A) + [No gate is a door (E) $\xrightarrow{\text{con}} \text{ver} \xrightarrow{\text{sion}}$] No door is a gate

(E) = A + E = E = No entrance is a gate

$\xrightarrow{\text{con}} \text{ver} \xrightarrow{\text{sion}}$ No gate is an entrance.

Hence, conclusion II follows.

Again, All windows are doors (A) + [No gate is a door (E) $\xrightarrow{\text{con}} \text{ver} \xrightarrow{\text{sion}}$] No door is a gate (E) = A + E = E = No

window is a gate.

Thus, conclusion I does not follow.

125. 2; Some books are colleges does not necessarily lead us to Conclusion I.

Again, All notes are books (A) + All books are pages (A) = A + A = A. All notes are pages. Hence, conclusion II follows.

- 1; The possibility in conclusion I exists in the first statement. Conclusion II does not follow because there is no negative statement.

- 4; Some trees are threads (I) + All threads are boxes - I + A
I. Some trees are boxes. No needle is a tree (E) +
Some trees are threads
I = E + I = O* = Some threads are not needles.

Hence, neither conclusion I nor II follows.

- 5; The possibility stated in conclusion I is inherent in the third statement while that in conclusion II is inherent in the second statement.

- 4; Some players are spectators (I) $\xrightarrow{\text{conversion}}$ Some spectators are players (I) + No player is a theatre = I + E
O = Some spectators are not theatres.

130. 2; Some reds are blues (I) + All blues are pinks (A) = I + A = I = Some reds are pinks.

Hence, Some reds are not pinks is a

possibility. Conclusion II follows.

But, Some reds are blues is a particular positive statement. So, ~conclusion I does not follow.

- 5; Some table are chairs (I) + All chairs are pens (A) = I + A
I Some tables are pens $\xrightarrow{\text{conversion}}$ Some pens are tables.

Hence, conclusion I follows.

Again, All chairs are pens (A) + All pens are copies (A) = A + A = A = All chairs are copies.

It means All copies being chairs is a possibility. Thus, conclusion II follows.

Hence, both conclusion I and II follow.

- 1; Some moons are stars (I) + All stars are skies (A) = I + A
I = Some moons are skies.

Hence, conclusion I follows.

Again, Some moons are stars $\xrightarrow{\text{conversion}}$ Some stars are moons (I) + No moon is a planet (E) = I + E = O = Some stars are not planets.

Hence, conclusion II does not follow.

133. 4; Conclusion I need not be true. Some water is milk means some milk is water (conversion)

Now, for II, suppose All water is milk. Then All water is milk + All milk is cold drinks = A + A = A = All water is cold drink. But the third statement contradicts this. Hence II does not follow.

134. 5; All flowers are coins $\xrightarrow{\text{conversions}}$ Some coins are flowers. Hence, conclusion II follows.

Again, All trees are flowers (A) + All flowers are coins (A) = A + A = A = All trees are coins (A) + Some coins are notes (I) = A + I = No conclusions. But there is no negative statement.

So, All notes being trees is a

possibility. Thus, conclusion I follows.

Hence, both conclusion I and II follow.

135. 2; All erasers are pens (A) + All pens are boxes (A) = A + A = A = All erasers are boxes $\xrightarrow{\text{conversion}}$ Some boxes are erasers (I) + No eraser is pencil (E) = I + E = O = Some boxes are not pencils.

Hence, conclusion I does not follow. Again, All erasers are pens (A) $\xrightarrow{\text{conversion}}$ Some pens are erasers (I) + No eraser is a pencil (E) = I + E = O = Some pens are not pencils. It means Some pens being pencils is a possibility.

Thus conclusion II follows.

136. 5; Some tests are unpleasant (I) + All unpleasant things need to be avoided (A) = I + A = I = Some tests need to be avoided.
Thus, conclusion I follows.
The possibility stated in conclusion II is inherent in the first statement.
- 5; The conclusions I and II are inherent in the first statement.
- 1; Some firefighters are fit (I) \rightarrow conversion \rightarrow Some fit are firefighters (I) + All firefighters are courageous (A) = I + A = I = Some fits are courageous. Hence conclusion II does not follow.
Again, All firefighters are courageous (A) + All courageous people are armymen (A) = A + A = A All firefighters are armymen. Hence, conclusion I follows.
139. 1; All enthusiastic people are positive (A) + No positive people are honest (E) = A + E = E = No enthusiastic people are honest \rightarrow conversion \rightarrow No honest people are enthusiastic. Hence, conclusion I follows.
Again, No lawyers are enthusiastic (E) + All enthusiastic people are positive (A) = E + A = O* = Some positive people are not lawyers. Hence II does not follow.
140. 5; Conclusion I is inherent in the first statement.
Again,
All dogs are kittens (A) + No kittens are black (E) = A + E = E = No dog is black
Hence, conclusion II follows.
- 1; There is no negative statement. Hence, Conclusion I follows. But conclusion II is a negative conclusion. Hence, II does not follow.
- 5; All scholar \rightarrow eccentric (A) \rightarrow Conversion of No woman is eccentric \rightarrow conversion \rightarrow No woman is a scholar. Hence, conclusion I follows.
Again, All scholars are eccentric (A) + All eccentrics are studies (A) = A + A = A. All scholars are studies. It means. All studies being scholar is a possibility. Hence, conclusion II follows.
- 143.3; Some eggs are hard-boiled \rightarrow conversion \rightarrow Some hard-boiled are eggs (I) + No eggs are uncrackable (E) = I + E = O = Some hard-boiled are not uncrackable.
But, conclusion I and II make a complementary pair (I-E).
- 144.1; All perfumes are expensive (A) + All expensive things are unique (A) = A + A = All perfumes are unique.
Hence, All unique thing being perfumes is a possibility. Thus, conclusion I follows. But II does not follow.
- 1; All stars are bottles (A) + Some bottles are papers (I) = A + I = No conclusion. However, neither statement is negative. Hence. All stars being papers is a possibility. Hence conclusion I follows.
Again, Some bottles are papers (I) + No paper is a calendar (E) = I + E = O = Some bottles are not calendars. Hence \rightarrow conclusion II does not follow.
146. 5; All stars are bottles \rightarrow conversion \rightarrow Some bottles are stars. Hence conclusion II follows.
Only, Some bottles are not calendars. Hence conclusion II follows.
147. 4; Some bottles are papers (I) + No paper is a calendar (E) = I + E = O = Some bottles are not calendars. Hence conclusion I does not follow.
And there is no definite positive or negative relation between *star* and *calendar*. Hence conclusion II does not follow.
148. 5; Some pencils are blankets (I) + All blankets are erasers (A) = I + A = I = Some pencils are erasers. Hence conclusion I follows.
Now, Some pencils are erasers, it means All erasers being pencils is a possibility. Hence conclusion II follows.
- 2; Because there is no negative statement.
Hence conclusion I does not follow.
But conclusion II is inherent in the first statement.
- 2; No copy is a book (E) + Some books are magazines (I) = E + I = O* = Some magazines are not copies. Hence, conclusion 1 does not follow. Again, All papers are copies

(A) + No copy is a book (E) = A + E = E = No paper is a book (E) \rightarrow conversion \rightarrow No book is a paper. Thus, conclusion II follows.

151. 1; No copy is a book (E) + Some books are magazines. (I) = E + I = O* = Some magazines are not copies. It mean All copies being magazines is a possibility, Hence, conclusion I follows.
Again, All papers are copies (A) + No copy is a book (E) = A + E = E = No paper is a book (E) + Some books are magazines (I) = E + I = O* = Some magazine are not papers. Hence, conclusion II does not follow.
152. 4; All cars are motors \rightarrow conversion \rightarrow Some motors are cars (I) + All cars are bikes (A) = I + A = I = Some motors are bikes.
Hence conclusion I does not follow.
Again, All cars are bikes (A) + No bike is an auto (E) = A + E = E = No car is an auto (E).
Thus, neither conclusion I nor II follows.
153. 5; Some jobs are occupations \rightarrow conversion \rightarrow Some occupations are jobs (I) + All jobs are vacancies (A) = I + A = I = Some occupations are vacancies \rightarrow conversion \rightarrow Some vacancies are occupations. Hence, Conclusion I follows.
Again, All jobs are vacancies (A) + No vacancy is an unemployment (E) = A + E = E = No job is an unemployment.
Hence, conclusion II follows.
Thus, both conclusion I and II follow.
154. 5; Some jobs are occupations \rightarrow conversion \rightarrow Some occupations are jobs (I) + All jobs are vacancies (A) = I + A = I = Some occupations are vacancies (I) + No vacancy is an unemployment (E) = I + E = O Some occupations are not unemployment.
Hence, conclusion II follows.
Also, conclusion I may follow.
155. 5; All stars are galaxies \rightarrow implication \rightarrow Some stars are galaxies.
Hence conclusion II follows.
Again, All stars are galaxies (A) + Some galaxies are sun (I) = A + I = No conclusion. But there can be a possible relation between Star and Sun. Thus, conclusion 1 follows.
156. 3; Some galaxies are suns (I) + conversion of No planet is sun (E) = Some galaxies are not planets (O). However, conclusions 1 and II make a complementary pair (I-E). Thus, either conclusion I or II follows.
157. 2; All DNAs are cells (A) + Some cells are tissues (I) = A + I = No conclusion. Thus, conclusion I does not follow.
Again, No RNA is a DNA (E) + All DNAs are cells (A) = E + A = O* = Some cells are not RNAs. Thus, conclusion II follows.
- 1; No RNA is a DNA (E) + All DNAs are cells (A) = E + A = O* = Some cells are not RNAs. But All RNA being cells is a possibility.
Hence, conclusion I follows.
But conclusion II does not follow.
- 1; Some stains are dirt (I) + All dirt is shines (A) = I + A = I = Some stains are shines, Hence, II does not follow.
Again, Some stains are dirt (I) \rightarrow conversion \rightarrow Some dirt is stains (I) + No stain is dull (E) = I + E = O = Some dirt is not dull. However, All dull being dirt is a possibility. Thus, conclusion 1 follows.
160. 4; Some coffee are cups (I) + Some cups are not copies (O) = I + O = No conclusion. Thus, conclusion I does not follow.
Again, All colds are coffee (A) + Some coffee are cups (I) = A + I = No conclusion. Thus, II does not follow.
- 2; Some coffee are cups (I) \rightarrow conversion \rightarrow Some cups are coffee (I). Hence conclusion I is not true. Conclusion II follows because this possibility exists in the third statement.
- 1; No hour is a month (E) + All months are weeks (A) = E + A = O* = Some weeks are not hours.
Again Some weeks are years (I) + All years are decades (A) = I + A = I = Some weeks are decades (I).
Now, Some weeks are decades \rightarrow conversion \rightarrow Some

decades are weeks (I) + Some weeks are not hours (O*) = No conclusion. But, a relation is possible between hour and decades. It means All hours being decades is a possibility. Hence, conclusion I follows. But, II does not follow.

- 1; Some weeks are years (I) + All years are decades (A) = I + A = I = Some weeks are decades, means All decades being weeks is a possibility. Hence, conclusion I follows. But, does not follow.

- 4; All elections are dramas $\xrightarrow{\text{conversion}}$ Some dramas are elections (I) + All elections are stories (A) $\xrightarrow{\text{conversion}}$ = I + A = I = Some dramas are stories (I) $\xrightarrow{\text{conversion}}$ Some stories are dramas (I) + Some dramas are not films (O) = I + O = No conclusion. Hence, I does not follow.
also does not follow.

- 1; All elections are dramas (A) + Some dramas are not films (O) = A + O = No conclusion But All film being elections is a possibility, Hence, conclusion I follows. II does not follow.

- 2; I is false because No spade is a club. II is true because All clubs are diamonds.

- 1; All roads are drivers + Some drivers are pilots = A + I = No conclusion. But the possibility of I exists because neither of these statements is negative. Some walkers are not drivers + Some drivers are pilots = O + A = No conclusion. Hence, II does not follow.

- 2; No bank is a school (E) + Some schools are colleges (I) = E + I = O* = Some colleges are not bank, it means All banks being colleges is a possibility Hence, conclusion follows. But conversion of 2nd statement does not lead to conclusion I

- 4; All baskets are trolleys (A) + conversion of some carts are trolleys (I) = A + I = No conclusion Hence, I does not follow. II does not follow by converting the second statement Hence, neither I nor II follows.

170. 5; All fruits are vegetables (A) + All vegetables are plants (A) = A + A = A = All fruits are plants Hence, conclusion I follows. Again, All vegetables are plants (A) + No plant is a root (E) = A + E = E = No vegetable is a root conversions
No root is a vegetable. Hence, conclusion II follows.

- 1; All fruits are vegetables (A) + All vegetables are plant (A) = A + A = A = All fruits are plants (A) + No plant is a root = A + E = E = No fruit is a root

Hence, conclusion I follows.

But All vegetable are plants (A) + No plant is a root (E) = A + E = E = No vegetable is a root. Hence, II does not follow.

- 4; Some calculators are phones (I) + No phone is an eraser = I + E = O = Some calculators are not erasers,
Neither conclusion I nor II follows.

173. 4; Some conclusions are assumptions (I) + All assumptions are arguments (A) = I + A = I = Some conclusions are arguments. Hence, I does not follow.

Again, No statement is a conclusion (E) + Some conclusions are assumptions (I) = E + I = O* = Some assumptions are not statements. Hence, conclusion II does not follow.

- 5; The possibility of conclusion I can be obtained from the third statement while that of conclusion II from the second statements.

- 1; The possibility of conclusion I can be obtained from the third statement. But II does not follow because there is no negative statement.

- 2; Conclusion I can't be obtained from first statement. Again, All plants are fabrics (A) + All fabrics are garments (A) = A + A = A = All plants are garments.
Thus, Conclusion II follows from second and third statements.

177. 5; All towns are states (A) + No state is a world (E) = A + E = E = No town is a world.
Hence, Conclusion I follows.

Again, Some villages are towns (I) + All towns are states (A) = Some villages are states. Since No state is a world, Conclusion II follows.

178. 1; Some answers are conclusions (I) $\xrightarrow{\text{conversion}}$ Some

conclusions are answer, Now, All statements are conclusions (A) + Some conclusions are answers (I) = A + I = No conclusion, but a possible positive relation exists between statements and answers.

Thus, conclusion I follows.

However, a definite conclusion can't be obtained. Hence, conclusion II does not follow.

179. 5; All statements are conclusions (A) + All conclusions are options (A) = A + A = A = All statements are options $\xrightarrow{\text{conversion}}$ Some options are statements. Hence, conclusion I follows.

Conclusion II follows from second and third statement.

180. 5; All coffees are sweets (A) + No sweet is namkeen (E) = A + E = E = No coffee is namkeen. Thus, conclusion I follows.

Again, Some drinks are coffees (I) + All coffees are sweets (A) = I + A = I = Some drinks are sweets + No sweet is namkeen (E) = I + E = O = Some drinks are not namkeens. Thus, conclusion II follows.

181. 1; Some drinks are coffees (I) + All coffees are sweets (A) = I + A = I = Some drinks are sweets. It means All sweets being drinks is a possibility. Hence, conclusion I follows.

Again, All coffees are sweets (A) + No sweet is namkeen (E) = A + E = E = No coffee is namkeen. Hence, conclusion II does not follow.

- 4; No sharpener is a scale (E) + Some scales are pencils (I) = E + I = O* = Some pencils are not sharpeners. Thus, conclusion I does not follow.

We can't find any definite positive or negative relation between eraser and pencil.

183. 1; All papers are books $\xrightarrow{\text{conversion}}$ Some books are papers (I) + No paper is a novel (E) = I + E = O = Some books are not novels. But there is a possibility that some books are novels. Thus conclusion I follows.

Again,

All papers are books (A) + All books are files (A) = A + A = A = All papers are files (A) $\xrightarrow{\text{conversion}}$ Some files are papers (I) + No paper is a novel (E) = I + E = O = Some files are not novels. Thus, conclusion II does not follow.

184. 5; All locks are buttons (A) + No button is a clock (E) = A + E = E = No lock is a clock $\xrightarrow{\text{conversion}}$ No clock is a lock (E). Thus, conclusion I follows.

All locks are buttons (A) $\xrightarrow{\text{conversion}}$ Some buttons are locks (I). Here, All buttons being locks is a possibility. Hence, both I and II follow.

185. 2; Some clips are watches (I) $\xrightarrow{\text{conversion}}$ Some watches are clips (I) + All clips are telephones (A) = I + A = I = Some watches are telephones. From this conclusion I does not follow.

All clips are telephones (A) + All telephones are pins (A) = A + A = A = All clips are pins. Thus, conclusion II follows.

- 2; Some trees are flowers (I) + All flowers are fruits (A) = I + A = I = Some trees are fruits (I).

Now, Some benches are trees (I) + Some trees are fruits (I) = I + I = No conclusion. From this, conclusion I does not follow.

Now, Some benches are- trees. So All trees being benches is a possibility. Hence, conclusion II follows.

187. 2; Some, trees are flowers (I) + All flowers are fruits (A) = I + A = I = Some trees are fruits (I). Hence, conclusion I does not follow. Some benches are trees (I) + Some trees are flowers (I) = No conclusion. But some possible relation can be established between them. Hence, 'All flowers being benches is a possibility. Therefore, only conclusion II follows.

- 4; No mango is a tomato (E) + All tomatoes are potatoes (A) = E + A = O* = Some potatoes are not mangoes (O*) We can't proceed further. Thus, conclusion I does not follow. Again, conclusion II does not follow because of the 3rd statement.

189. 2; Some tangos are Charlies (I) + No charlie is a sweet (E) = I + E = Some, tangos are not sweets. Means Some tangos being sweets is a possibility. Hence, conclusion II follows. But conclusion I does not follow. ;

190. 1; No book is a paper (E) + Some papers are pens (I) = E +

$I = O^* = \text{Some pens are not books } (O^*)$

This rules out the possibility of II but I follows.

191. 2; No book is a rough (E) + No rough is a pen (E) = E + E = No conclusion. But some possible relation can be established between book and pens. Hence, conclusion II follows.

192. 3; Some columns are inks (I) + No ink is a copy (E) = I + E = O = Some columns are not copies.

But conclusions I and II make a complementary pair (I - E). Thus, either conclusion I or II follows.

- 1; Some balls are footballs (I) + All footballs are volleyballs = I + A = I = Some balls are volleyballs. It means, All Volleyballs being balls is a possibility. Hence, conclusion I follows. Again No fund is a bat (E) + All bats are balls = E + A = O* = Some balls are not funds Hence, II does not follow.

- 1; Some balls are footballs (I) + All footballs are volleyballs = I + A = I = Some balls are volleyballs (I) \rightarrow conversion
 \rightarrow Some volleyballs are balls (I) + Some balls are not fund (O) = No conclusion.

But, possibility of 1 can be established between fund and volleyball. It means All funds being volleyball is a possibility. Hence, conclusion I follows. Again, No fund is a bat (E) + All bats are balls (A) = E + A = O* = Some balls are not funds. So, Some balls are footballs \rightarrow

conversion \rightarrow Some footballs are balls (I) + Some balls are not funds (O) = I + O = No conclusion. Hence, II does not follow.

195. 5; No star is a sun (E) \rightarrow conversion \rightarrow No sun is a star (E) + All stars are moons (A) = E + A = O* = Some moons are not suns. But All sun are planets. Hence conclusion I follows. Again, No star is a sun (E) + All suns are planets = E + A = O* = Some planets are not stars. But All suns are planets. Thus, conclusion II follows.

- 4; All businesses are stores \rightarrow conversion \rightarrow Some stores are businesses (I) + All businesses are capital (A) = I + A = I = Some stores are capital But, Some stores are not products (O). It leads us nowhere. Hence conclusion I does not follow. Again, conclusion II need not follow from first statement.

- 1; Suppose conclusion I follows. Then, All products are businesses + All businesses are stores = A + A = A = All products are stores. Now, in this situation, Some stores are not products can be true. Hence conclusion I follows. As for II, nothing can be said with certainty.

- 2; All copies are pens (A) + All pens are markers (A) = A + A = A = All copies are markers (A) + (No paper is a marker \rightarrow conversion)
 No marker is a paper (E) = A + E = E = No copy is a paper
 conversion \rightarrow No paper is a copy. Hence, conclusion II follows. Again, All pens are markers
 + No marker is a paper (E) = A + E = E = No pen is a paper Thus, conclusion I does not follow.

- 5; All plastics are chairs (A) + No chair is a table (E) = A + E = E = No plastic is a table \rightarrow conversion \rightarrow No table is a plastic. Hence, conclusion I follows.

No chair is a table (E) + Some tables are doors (I) = E + I = O* = Some doors are not chairs. It means All chairs being doors is a possibility. Both conclusions I and II follow.

- 4; All plastics are chairs (A). + No chair is a table (E) = A + E = E = No plastic is a table (E) + Some tables are doors (I) = E + I + O* = Some doors are not plastic. Hence, conclusion I does not follow.

Again, No chair is a table (E) + Some tables are doors (I) = E + I = O* = Some doors are not chairs. Hence conclusion II does not follow.

201. 1; Some bags are laptops (I) + All laptops are mobiles (A) = I + A = I = Some bags are mobiles (I) + No mobile is a page (E) = I + E = O = Some bags are not pages. Hence, conclusion I follows.

But, conclusion II does not follow.

202. 2; All laptops are mobiles (A) + No mobile is a page (E) = A + E = E = No laptop is a page. Hence conclusion I does not follow.

But, Some bags are laptops means, All bags being laptops is a possibility. Hence, conclusion II follows.

203. 4; Some corridors are carroms (I) + No carrom is a corner

(E) = I + E = O = Some corridors are not corners. Thus, All corridors being corners is a possibility does not hold true.

Again, No carrom is a corner (E) \rightarrow conversion \rightarrow No corner is a carrom (E). Now, All class are corners (A) + No corner is a carrom (E) = A + E = E = No classes is a carrom. Hence, All carroms being classes is a possibility is not true. Thus, neither conclusion I nor II follows.

204. 2; Some corridors are carroms (I) + No carrom is a corner (E) = I + E = O = Some corridors are not corners. Thus, conclusion I does not follow.

Conclusion II follows as we have seen in the explanation to Q. 157

- 5; Some ponds are rivers (I) + All rivers are lakes (A) = I + A = I = Some ponds are lakes It means Some lakes are not ponds is a possibility. Hence, conclusion II follows.

Again, Some oceans are lakes \rightarrow conversion \rightarrow Some lakes are oceans. Now, All rivers are lakes (A) + Some lakes are oceans (I) = A + I = No conclusion, but a possible positive relation exists between 'river' and 'ocean'. Thus, conclusion I follows.

- 1; Suppose 'Some brown are not black' is not true. It means All brown are black. Now, All brown are black + All black are bags = A + A = A = All brown are bags. But this can't be true because 'Some brown are not bags' (given). Hence, our assumption is wrong and conclusion I is true. All blue are brown + Some brown are not bags = A + O = No conclusion. Hence, II does not follow. -

- 5; No train is a truck (E) \rightarrow conversion \rightarrow No truck is a train (E) + Some trains are tumblers (I) = E + I = O* = Some tumblers are not trucks it means All trucks being tumblers is a possibility. Hence, conclusion I follows. Again, No train is a truck (E) + All trucks are toys (A) = E + A = O* = Some toys are not trains. Thus conclusion II follows.

- 3; Some voyages are journeys (I) + No journeys is a trekking (E) = I + E = O = Some voyages are not trekking. But conclusion I and II make a complementary pair of I - E. Thus, either I or II follows.

- 2; No brake is a belt (E) + All belts are boats (A) = E + A = O* = Some boats are not brakes. Hence, conclusion I does not follow. Again, All belts are boats (A) + All boats are berries (A) = A + A = A = All belts are berries
 conversion \rightarrow Some berries are belts. Hence, conclusion II follows.

- 1; All belts are berries (A). So, there is a possibility that All berries are belts. Hence, conclusion I follows. Again, Some boats are not brakes. Hence, All boats being brakes is not a possibility. Hence, conclusion II does not follow.

- 2; I- and O-type statements can't be combined. Hence conclusion I does not follow. Again, since 'tea' is not related to either 'table' or 'toy' - the only terms that are negatively related - the possibility of II exists.

- 5; Since there is no negative statement, the possibilities of both conclusions I and II exist.

- 1; All red are racks (A) + No rack is a rod (E) = A + E = E = No red is a rod (E) \rightarrow implication \rightarrow Some red are not rods. Hence conclusion I follows. Some rats are red (I) + All red are racks (A) = I + A = I - Some rats are racks. Thus, conclusion II also does not follow.

- 3; Some parrots are pigeons \rightarrow conversion \rightarrow Some pigeons are parrots (I) + No parrot is pink (E) = I + E = O = Some pigeons are not pink (O*). Hence, neither conclusion I nor conclusion II follows. But conclusion I and II form a complementary pair (I-E). Thus, either conclusion I or II follows.

- 5; Some rights are false (I) \rightarrow conversion \rightarrow Some false are right (I) + All rights are wrong (A) = I + A = I = Some false are wrong (I). Hence, conclusion I follows.

Since there is no negative statement, conclusion II also follows.

216. 2; Some bags are baggages (I) \rightarrow conversion \rightarrow Some baggage are bags (I) + All bags are buckets (A) = I + A = I = Some baggages are buckets. Hence, conclusion I does not follow.

Some bags are baggages (I) + No baggage is a basket (E) = I + E = O = Some bags are not baskets (O). Hence,

conclusion II follows.

217. 1; All papers are plastics (A) + All plastics are panels (A) = A
 + A = A = All papers are panels (A) → conversion
 Some panels are papers. Hence, conclusion I follows.
 Again, All plastics are panels → conversion → Some panels are plastics. Hence, conclusion II does not follow.
218. 4; All glasses are gases → conversion → Some gases are glasses (I) + No glass is a goose (E) = I + E = O = Some gases are not geese.
 Hence, conclusion I does not follow. Some gases are glasses + Some glasses are not goggles = I + O = No conclusion. Hence conclusion II does not follow.
- 3; No toy is a tree (E) + All trees are trains (A) = E + A = O*
 Some trains are not toys (O*). Hence, conclusion I does not follow.
 Conclusion II also does not follow.
 But, conclusion I and II form a complementary (I - E) pair. Thus, either of the two conclusions I or II follows.
220. I; No toy is a tree → conversion → No tree is a toy (E) + Some toys are tough (I) = E + I = O* = Some tough are not trees (O*).
 Thus, there is a possibility that All trees are tough. Hence, conclusion I follows.
 Again, No toy is a tree (E) + All trees are trains (A) = E + A = O* = Some trains are not toys. So, there is no possibility that All trains are toys. Hence, conclusion II does not follow.
- 1; No track is a travel (E) → conversion → No travel is a track (E). Now, All tours are travels (A) + No travel is a track (E) = A + E = E = No tour is a track → conversion → No track is a tour. Hence, conclusion I follows. Again, All tours are travels (A) + Some travels are not trains (O)
 A + O = No conclusion. Hence, conclusion II does not follow.
- 2; No track is a travel (E) + Some travels are not trains (O)
 E + O = No conclusion. Hence, conclusion I does not follow. Again, All trousers are tracks (A) + No track is a travel (E) = A + E = E = No trouser is a travel → conversion → No travel is a trouser. Hence, conclusion II follows.
- 1; Some books are boys (I) + All boys are baskets (A) = I + A
 I = Some books are baskets. Hence, All baskets being books is a possibility. Thus, conclusion I follows.
- Some books are boys → conversion → Some boys are books (I) + No book is a ball (E) = I + E = O = Some boys are not balls. Thus, All boys being balls is not a possibility. Hence, conclusion II does not follow.
224. 5; Some foods are forests (I) + All forests are frozen (A) = I + A = I = Some foods are frozen. So, there is a possibility that some foods are not frozen. Thus, conclusion I follows.
 Again, All forests are frozen (A) → conversion → Some frozen are forests (I). Thus, conclusion II also follows.
- 1; All pipes are piders (A) → conversion → Some piders are pipes (I) + No pipe is a pyramid (E) = I + E = O = Some piders are not pyramids. Hence, conclusion I follows. Again, All pillars are paints (A) → conversion → Some paints are pillars (I). Hence, conclusion II does not follow.
- 4; All keys are kites (A) + Some kites are carroms (I) = A + I = No conclusion. Thus, conclusion I does not follow.
 Again, Some kites are carroms (I) + No carrom is a colony = I + E = O = Some kites are not colonies (O). Thus, conclusion II does not follow.
- 2; All states are countries (A) + No country is a town (E) = A + E = E = No state is a town (E) + Some towns are villages = E + I = O* = Some villages are not states. Hence, conclusion I does not follow.
 Again, No state is a town (E) → implication → Some states are not towns (O). Hence, conclusion II follows.
228. 1; Since there is no negative statement, All docks being airports is a possibility. Hence, conclusion I follows.
 Again, All ports are airports (A) + Some airports are harbours (I) = No conclusion. Hence, conclusion II does not follow.
229. 2; All riddles are puzzles (A) + No puzzle is difficult (E) = A + E = E = No riddle is difficult. Hence, conclusion I does not follow. Conclusion II follows from second statement.

230. 2; No bucket is a boat (E) → conversion → No boat is a bucket (E)

Now, Some blue are boats (I) + No boat is a bucket (E) = I + E = O = Some blue are not buckets. Hence, conclusion I does not follow. Again, No boat is a bucket (E) + Some buckets are black (I) = E + I = O* = Some black are not boats. Hence, All boats being black is a possibility. Thus, conclusion II follows.

- I; Since all statements are positive conclusion I follows.
 Since there is no negative statement, conclusion II does not follow.
- 5; Some roots are plants (I) + All plants are saplings (A) = I
 A = I = Some roots are saplings → conversion → Some saplings are roots. Hence, conclusion I follows.
 Again, No tree is a root (E) + Some roots are plants (I) = E + I = O* = Some plants are not trees. Hence, conclusion II follows.
- 4; Some plants are not trees. Hence, All plants being trees is not possible. Hence, conclusion I does not follow. Again, conclusion II does not follow from the third statement.
- 5; All books are novels (A) + No novel is a pen (E) = A + E =
 = No book is a pen. Hence, conclusion I follows. Again,
 No book is a pen (E) + All pens are pencils (A) = E
 A = O* = Some pencils are not books. It means, All books being pencils is a possibility. Thus, conclusion II follows.
- 2; No novel is a pen (E) + All pens are pencils (A) = E + A = O* =
 Some pencils are not novels. It means, All novels being pencils is a possibility. Hence, conclusion II follows. Now,
 No book is a pen (E) + All pens are pencils (A) = E
 A = O* = Some books are not pencils. Hence, conclusion I does not follow.
- 1; Some cats are dogs → conversion → Some dogs are cats. Now, All rats are dogs (A) + Some dogs are cats (I) = A + I =
 = No conclusion. Thus we can't reach any definite conclusion by combining the statements. However, note that these is no negative statement. So II gets rejected outright while the possibility of conclusion I exists.
237. 1; Some postgraduates are girls (I) All girls are intelligent (A) = I + A = I = Some postgraduates are intelligent (I).
 Now, No boy is a postgraduate (E) + Some postgraduates are intelligents (I) = E + I = O* = Some intelligent are not boys. It means All boys being intelligent is a possibility. Hence, conclusion I follows.
 Again, No boy is a postgraduate (E) + Some postgraduates are girls (I) = E + I = O* = Some girls are not boys. Thus conclusion II does not follow.
- 2; Some postgraduates are girls (I) + All girls are intelligent = I + A = I = Some postgraduates are intelligent
 → conversion → Some intelligent are postgraduates. Hence, conclusion II follows. But conclusion I does not follow.
- 1; No guide is a software → conversion → No software is a guide. Now, All applications are softwares (A) + No software is a guide (E) = A + E = E = No application is a guide. Hence-conclusion I follows. But conclusion II does not follow.
- 5; All metals are fibres → conversion → Some fibres are metals. Hence, conclusion I follows. Conclusion II follows because All wings are plastic.
- 1; Conclusion I follows from the first statement. Now, Some rectangles are frames + Some frames are circular = I + I = No conclusion. Hence, II does not follow.
- 1; All seniors are educated → conversion → Some educated are seniors.
 Now, Some educated are seniors (I) + All seniors are experienced (A) = I + A = I = Some educated are experienced. Hence, conclusion I follows. Conclusion II does not follow because of the second statement.
243. 4; No solution is wrong (E) + Some wrongs are right (I) = E + I = O* = Some rights are not solutions. Hence, conclusion II does not follow.
 Again, No logic is right → conversion → No right is logic. Now, Some wrongs are right (I) + No right is logic (E) = I + E = O = Some wrongs are not logic.
 So, No solution is wrong (E) + Some wrongs are not logic (O) = E + O = No conclusion. Thus, conclusion I does not

- follow.
244. 1; Some squares are circles (I) + No circle is a triangle (E) = I + E = O = Some squares are not triangles. Hence, conclusion I follows. Again, No line is a square (E) + Some squares are circles (I) = E + I = O* = Some circles are not lines. Hence, conclusion II does not follow.
245. 4; Some squares are circles (I) + No circle is a triangle (E) = I + E = O = Some squares are not triangles. Hence, conclusion I does not follow. Again, No line is a square + Some squares are circles (I) = E + I = O* = Some circles are not lines. Hence, conclusion II does not follow.
- 5; All songs are poems (A) + All poems are rhymes (A) = A + A = A = All songs are rhymes. Now, All songs are rhymes + No rhyme is a paragraph (E) = A + E = E = No song is a paragraph. Hence, conclusion I follows. Again, All poems are rhymes (A) + No rhyme is a paragraph (E) = A + E = E = No poem is a paragraph. Hence, conclusion II follows.
- 2; All poems are rhymes \rightarrow conversion \rightarrow Some rhymes are poems. Hence, conclusion I does not follow.
Again, All songs are poems (A) + All poems are rhymes (A) = A + A = A = All songs are rhymes. Hence, conclusion follows.
- 5; Some dewes are drops (I) + All drops are stones (A) = I + A = I = Some dewes are stones. It means at least Some dewes are stones. Hence, conclusion I follows. Conclusion II follows by converting the second statement.
- 4; All books are magazines (A) + Some magazines are notebooks (I) = A + I = No conclusion. Hence, Conclusion does not follow.
Again, Some magazines are notebooks (I) + Some notebooks are papers (I) = I + I = No conclusion. Hence, Conclusion II does not follow.
250. 3; Some fruits are mangoes (I) + Some mangoes are red (I) I + I = No conclusion. However, either I or II follows as they form a complementary (I-E) pair.
- 5; All windows are doors (A) + All doors are boats (A) = A + A = A = All windows are boats. Hence, conclusion I follows. Again, All buildings are doors (A) + All doors are boats (A) = A + A = A = All buildings are boats. Hence, conclusion II follows.
- 1; Some sheets are roads (I). + All roads are marbles (A) = I + A = I = Some sheets are marbles. Hence, conclusion I follows. Again, Some sheets are roads \rightarrow conversion \rightarrow Some roads are sheets (I) + No sheet is a roll (E) = I + E = O = Some roads are not rolls. Hence, conclusion II does not follow.
- 4; 29% (some) caps are shoes (I) + 99% (some) shoes are pens (I) = I + I = No conclusion. Hence, conclusion I does not follow.
100% (All) heads are caps (A) + 29% (Some) caps are shoes (I) = A + I = No conclusion. Hence, conclusion II does not follow.
- 1; Some ties are belts (I) + All belts are shirts (A) = I + A = I = Some ties are shirts. Hence a positive relation exists between ties and shirts. Thus, conclusion I follows.
Again, All belts are shirts \rightarrow conversion \rightarrow Some shirts are belts. Hence, conclusion II does not follow.
255. 5; Some ties are shirts (I) + No shirt is a T-shirt (E) = I + E = O = Some ties are not T-shirts. But All T-shirts being ties is a possibility. Hence, conclusion I follows.
Again, All belts are shirts (A) + No shirt is T-shirt (E) = A + E = E = No belt is a T-shirt. Hence, conclusion II follows.
- 5; All crows are birds (A) + All birds are parrots (A) = A + A = A = All crows are parrots.
Hence, conclusion I follows.
Again, there is no negative statements. Hence, the possibility exist. Thus, conclusion II follows.
257. 4; All birds are parrots \rightarrow conversion \rightarrow Some parrots are birds. Hence, conclusion I does not follow.
Again, Some birds are sparrows \rightarrow conversion \rightarrow Some sparrows are birds. Hence, conclusion II does not follow.
258. 3; Some knives are pins (I) + All pins are keys (A) = I + A = I = Some knives are keys (I) + No key is a lock (E) = I + E = O = Some knives are not locks. Thus, conclusion I and II do not follow.
- But both conclusions make a complementary pair (I-E). Hence, either conclusion I or II follows.
259. 2; All politicians are men (A) + Every man is wise (A) = A + A = A = All politicians are wise. Now, All politicians are wise (A) + Some wise are experienced (I) = A + I = No conclusion.
Hence, conclusion I does not follow.
But conclusion II follows from second and third statements.
260. 4; Conclusion I does not follow because it is a restatement. Again, Every man is wise (A) + Some wise are experienced (I) = A + I = No conclusion. Hence, conclusion II does not follow.
261. 2; No dancer is a singer (E) + Some singers are musicians (I) = E + I = O* = Some musicians are not dancers. Hence, conclusion I does not follow.
But a possible relation may exist between 'dancers' and 'musicians'. Hence, conclusion II follows.
- 1; All actors are dancers (A) + No dancer is a singer (E) = A + E = E = No actor is a singer. Hence, conclusion II does not follow.
Now, No actor is a singer (E) + Some singers
263. 2; Since there is no negative statement a negative conclusion can not exist.
Again, All newspapers are books (A) + Some books are journals (I) = A + I = No conclusion. But a possible relation exists between 'newspapers' and 'journals'. Thus, conclusion II follows.
- 4; All newspapers are books (A) + Some books are journals = A + I = No conclusion. Hence, conclusion I does not follow.
Again, Some newspapers are magazines \rightarrow conversion \rightarrow Some magazines are newspapers (I) + All newspapers are books (A) = I + A = I = Some magazines are books. Hence, conclusion II does not follow.
265. 5; All petals are flowers (A) + No flower is a colour (E) = A + E = E = No petal is a colour. Hence, conclusion I follows.
Again, All colours are fruits \rightarrow conversion \rightarrow Some fruits are colours. But the possibility in II exists. Hence conclusion II follows.
- 2; All petals are flowers (A) + No flower is a colour (E) = A + E = E = No petal is a colour. Hence, conclusion I does not follow. Again, No flower is a colour (E) + All colours are fruits (A) = E + A = O* = Some fruits are not flowers. But the possibility in II exists between 'flower' and 'fruits'. Hence, conclusion II follows.
- 1; All dolls are toys \rightarrow conversion \rightarrow Some toys are dolls. Hence, conclusion I follows.
Again, Some toys are gems (I) + Some gems are boxes (I) = I + I = No conclusion.. Hence, conclusion II does not follow.
- 5; Some nights are weeks (I) + All weeks are months (A) = I + A = I = Some nights are months \rightarrow conversion \rightarrow Some months are nights. Hence, conclusion I follows.
Again, Some days are nights (I) + Some nights are weeks (I) = I + I = No conclusion, but a possibility exists. Hence, conclusion II follows.
269. 5; There is no negative statement. Hence, conclusion I follows from the second and third statements.
Again, conclusion II follows from first and third statements. Hence, conclusion I and II both follow.
270. 3; Some inputs are outputs (I) + All outputs are necessary (A) = I + A = I = Some inputs are necessary. Thus, conclusion I follows.
Again, Some inputs are necessary (I) + No necessary is a result (E) = I + E = O = Some inputs are not results. Still, conclusion II follows. However, if we take the two conclusions together, All results are inputs + All inputs are necessary = A + A = A = All results are necessary. This contradicts the given statement. Hence, either I or follows.'
- 1; All outputs are necessary (A) + No necessary is a result' (E) = A + E = E = No output is a result. Hence, conclusion follows. Again, All outputs are necessary \rightarrow conversion \rightarrow Some necessary- are outputs. Thus, conclusion II does not follow.

- 5; All symbols are blanks (A) + All blanks are spaces (A) = A = All symbols are spaces. Hence, conclusion I follows.
Again, there is no negative statement. Hence, the possibility exists between space and mark. Hence, conclusion II follows.
- 4; All blanks are spaces \rightarrow conversion \rightarrow Some spaces are blanks. Thus, conclusion I does not follow.
Again, Some blanks are marks \rightarrow conversion \rightarrow Some marks are blanks. Hence, conclusion II does not follow.
274. 1; Some demands are public (I) + All public are central (A) = I + A = I = Some demands are central (I). Thus, conclusion I follows.
Again, Some demands are public conversion \rightarrow Some public are demands (I) + No demand is extensive (E) = I + E = O = Some public are not extensive. Thus, conclusion II does not follow.
275. 5; Some stones are rocks (I) + All rocks are mountains (A) I + A = I = Some stones are mountains. Hence, conclusion I follows. Again, there is no negative statement. Hence, the possibility in second statement exists. Hence, conclusion II follows.
- 2; All telephones are mirrors (A) + All mirrors are desks (A) A + A = All telephones are desks. Hence, conclusion I does not follow. Again, there is no negative statement. Hence the given possibility exists between radios and mirrors on the basis of first and second statements. Hence conclusion II follows.
- 1; No jungle is a road (E) + Some roads are hills (I) = E + I = O* = Some hills are not jungles. Hence, conclusion I follows. But conclusion II does not follow.
- 5; There is no negative statement. So the possibility in I exists. Hence; conclusion I follows.
Again, All windows are boats (A) + All boats are doors (A) = A + A = A = All windows are doors conversion \rightarrow Some doors are windows. Hence, conclusion II follows.
279. 1; No tree is a plant \rightarrow conversion \rightarrow No plant is a tree. Hence, conclusion I follows.
Again, All houses are wheels (A) + Some wheels are trees (I) = A + I = No conclusion. Hence, conclusion II does not follow.
- 1; No tiger is a cat \rightarrow conversion \rightarrow No cat is a tiger (E). Now, All animals are cats (A) + No cat is a tiger (E) = A + E = E = No animal is a tiger. Hence, conclusion I follows. But conclusion II does not follow.
- 1; Conclusion I follows because there is no negative statement.
Again, Some villages are places (I) + Some places are cities (I) = No conclusion. Hence, II does not follow.
282. 5; All coals are diamonds + All diamonds are graphite = A + A = A = All coals are graphite (A) + No graphite is carbon (E) = A + E = E = No coal is carbon. Hence, conclusion I follows. All diamonds are graphite (A) + No graphite is carbon (E) = E = No diamond is carbon. Hence, conclusion II follows.
283. 2; All diamonds are graphite \rightarrow conversion \rightarrow Some graphites are diamonds. Hence, conclusion I does not follow.
Again, All coals are diamonds (A) + All diamonds are graphite (A) = A + A = All coals are graphite. Hence, conclusion II follows.
284. 1; Some fruits are plants (I) + No plant is a tree (E) = I + E = O = Some fruits are not trees. Hence, conclusion I follows.
Again, No flower is a fruit (E) + Some fruits are plants (I) E + I = O* = Some plants are not flowers. Hence, conclusion II does not follow.
- 1; Some doors are handles (I) + All handles are threads (A) I + A = I = Some doors are threads. Hence, conclusion I follows. Again, All handles are threads (A) + Some threads are windows (I) = A + I = No conclusion. Hence, conclusion II does not follow.
- 5; There are no negative statements. So, the possibilities exist. Hence, both conclusions I and II follow.
- 4; No village is a forest (E) + All forests are towns (A) = E + A = O* = Some towns are not villages. Hence, conclusion I does not follow.
- Again, Some states are villages (I) + No village is a forest (E) = I + E = O = Some states are not forests. Hence, conclusion II does not follow.
288. 2; No village is a forest \rightarrow conversion \rightarrow No forest is a village. Hence, conclusion I does not follow.
Again, All forests are towns \rightarrow conversion \rightarrow Some towns are forests. Hence, conclusion II follows.
289. 2; All butter is curd (A) + No curd is milkshake (E) = A + E = E = No butter is milkshake. Hence conclusion I does not follow.
Again, No curd is milkshake \rightarrow conversion \rightarrow No milkshake is curd. Hence, conclusion II follows.
290. 1; All milk is butter (A) + All butter is curd (A) = A + A = A = All milk is curd. So the possibility in I exists. Hence, conclusion I follows.
Again, All butter is curd (A) + No curd is milkshake (E) = A + E = E = No butter is milkshake. Hence, conclusion II does not follow.
291. 1; Some questions are answerable I \rightarrow conversion \rightarrow Some answerable are questions (I) + All questions are symbols (A) = I + A = I = Some answerable are symbols. Hence, the possibility in I exists. Hence, conclusion I follows. But there is no negative statement.
Thus any negative conclusion does not follow. Hence, conclusion II does not follow.
- 4; Some applications are easy I + All easy are dynamics (A) I + A = I = Some applications are dynamics. Hence, conclusion II does not follow.
Again, No game is an application (E) + Some applications are dynamics (I) = E + I = O* = Some dynamics are not games. Hence, conclusion I does not follow.
- 2; Conclusion I does not follow from first statement. But the possibility in conclusion II exists from third statements. Hence, conclusion II follows.
- 2; Some details are beneficial (I) + All beneficial are helpful = I + A = I = Some details are helpful (I).
Now, Some informations are not details (O) + Some details are helpful I = O + I = No conclusion. Hence, conclusion I does not follow.
Again, the possibility in II exists from second statement.
295. 5; Some statements are paragraphs (I) + No paragraph is a chapter (E) = I + E = O = Some statements are not chapters. Hence, conclusion I follows.
Now, No word is a statement (E) + Some statements are paragraphs (I) = E + I = O* = Some paragraphs are not words. Again, No paragraph is a chapter \rightarrow conversion \rightarrow No chapter is a paragraph (E) + Some paragraphs are not words (O) = E + O = No conclusion.
But the possibility in conclusion II exists. Hence, conclusion II follows.
296. 4; No building is white (E) + All whites are blacks (A) = E + A = O* = Some blacks are not buildings. Hence, conclusion I does not follow.
Again, All whites are blacks (A) + Some blacks are huts I = A + I = No conclusion. Hence, conclusion II does not follow.
- 5; All whites are blacks \rightarrow conversion \rightarrow Some blacks are whites. But the possibility in I exists. Hence, conclusion I follows. Again, No building is white (E) + All whites are blacks (A) = E + A = O* = Some blacks are not buildings. Hence, conclusion II follows.
- 4; Some mangoes are apples (I) + Some apples are bananas I + I = No conclusion. Hence, conclusion I does not follow.
Again, Some apples are bananas (I) + Some bananas are grapes (I) = I + I = No conclusion. Hence, conclusion II does not follow.
- 5; There is no negative statement. Hence, both conclusions and II follow.
- 4; Some rooms are windows (I) + All cards are windows \rightarrow conversion \rightarrow Some windows are cards (I) = I + I = No conclusion.
Hence, conclusion I does not follow.
Again, All flowers are rooms (A) + Some rooms are windows (I) = A + I = No conclusion. Hence, conclusion II does not follow.