

Examrace

Syllogism & Euler Problems Logical Reasoning Question and Answers

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Q. Statement: All pots are cups.

All cups are bowls.

Conclusions: I. All pots are bowls.

II. All cups are pots.

(a) If only I follows

(b) If only conclusion II follows

(c) If either I or II follows

(d) If neither I nor II follows and

(e) If both I and II follow

Answer: a

Q. Statement: Some trees are horses.

Some ships are trees.

Conclusions: I. Some horses are ships.

II. Some trees are neither ships nor horses.

(a) If only I follows

(b) If only conclusion II follows

(c) If either I or II follows

(d) If neither I nor II follows and

(e) If both I and II follow

Answer: d

Q. Statement: All glasses are mirrors.

Some mirrors are red.

Conclusions: I. All mirrors are glasses.

II. Some glasses are red.

- (a) If only I follows
- (b) If only conclusion II follows
- (c) If either I or II follows
- (d) If neither I nor II follows and
- (e) If both I and II follow

Answer: d

Q. Statements: All cars are buses.

Some buses are cycles.

Conclusions:

- I. All cycles are buses.
- II. All cycles are car.
- III. Some cars are cycles.
- IV. No cars are cycles.

- (a) Only I follows
- (b) Only II and III follow
- (c) Either II or III follows
- (d) Either I or IV follows
- (e) Either III or IV follows

Answer: e

Q. Statements: Some singers are rockers.

All rockers are westerners.

Conclusions:

- I. Some rockers are singers.
- II. Some westerners are rockers.
- III. Some singers are westerners.
- IV. Some singers are not westerners.

- (a) I, II and III follow
- (b) I, II and IV follow
- (c) II, III and IV follow

(d) I, III and IV follow

(e) All follow

Answer: a

Q. Statements: All green are blue.

All blue are white.

Conclusions:

I. Some blue are green.

II. Some white are green.

III. Some green are not white.

IV. All white are blue.

(a) Only I and II follow

(b) Only II and III follow

(c) Only I and III follow

(d) Only I and IV follow

(e) All follow

Answer: a

Q. Statements: Some soaps are clean.

All clean are wet.

Conclusions:

I. Some clean are soaps.

II. No clean are soaps.

III. Some wet are soaps.

IV. All wet are soaps.

(a) Only I follows

(b) Either I or II follows

(c) Either III or IV follows

(d) Only I and III follow

(e) None of the above

Answer: d

Q. Statements:

- A. Some keys are locks.
- B. Some locks are stickers.
- C. All stickers are pens.

Conclusions:

- I. Some pens are locks.
 - II. Some stickers are keys.
 - III. No stickers are keys.
 - IV. Some locks are keys.
- (a) I, IV and either II or III follow
- (b) Only I and IV follow.
- (c) Only II and III follow.
- (e) None of these.

Answer: a**Q. Statements:**

- A. All bottles are boxes.
- B. All boxes are bags.
- C. Some bags are trays.

Conclusions:

- I. Some bottles are trays.
 - II. Some trays are boxes.
 - III. All bottles are bags.
 - IV. Some trays are bags.
- (a) Only I, III and IV follow.
- (b) Only II and III follow.
- (c) Only I, II and III follow.
- (d) Only III and IV follow.
- (e) All follow.

Answer: d

Q. Statements:

- A. Some envelopes are gums.
- B. All gums are seals.
- C. Some seals are adhesives.

Conclusion:

- I. Some envelopes are seals.
 - II. Some gums are adhesives.
 - III. Some adhesives are seals.
 - IV. Some adhesives are gums.
- (a) Only I and II follow
 - (b) Only I and III follow
 - (c) Only II and IV follow
 - (d) Only III and IV follow
 - (e) Only I and IV follow.

Answer: b**Q. Statements:**

- A. All chairs are apples.
- B. Some apples are tables.
- C. All tables are cupboards.

Conclusions:

- I. Some cupboards are chairs.
 - II. Some tables are not chairs.
- (a) Only I follows
 - (b) Only II follows.
 - (c) Either I or II follows
 - (d) Neither I nor II follows
 - (e) Both I and II follows.

Answer: d

