

SYLLOGISM ASSIGNMENT

In each of the following questions two Statements are given and these Statements are followed by two Conclusions numbered (1) and (2). You have to take the given two Statements to be true even if they seem to be at variance from commonly known facts. Read the Conclusions and then decide which of the given Conclusions logically follows from the two given Statements, disregarding commonly known facts. Give answer:

- (A) If only (1) conclusion follows
- (B) If only (2) conclusion follows
- (C) If either (1) or (2) follows
- (D) If neither (1) nor (2) follows and
- (E) If both (1) and (2) follow.

- I. **Statements:** Some actors are singers. All the singers are dancers.

Conclusions:

1. Some actors are dancers.
2. No singer is actor.

- II. **Statements:** All the harmoniums are instruments. All the instruments are flutes.

Conclusions:

1. All the flutes are instruments.
2. All the harmoniums are flutes.

- III. **Statements:** Some mangoes are yellow. Some tixo are mangoes.

Conclusions:

1. Some mangoes are green.
2. Tixo is a yellow.

- IV. **Statements:** Some ants are parrots. All the parrots are apples.

Conclusions:

1. All the apples are parrots.
2. Some ants are apples.

- V. **Statements:** Some papers are pens. All the pencils are pens.

Conclusions:

1. Some pens are pencils.
2. Some pens are papers.

- VI. **Statements:** All the actors are girls. All the girls are beautiful.

Conclusions:

1. All the actors are beautiful.
2. Some girls are actors.

- VII. **Statements:** All the windows are doors. No door is a wall.

Conclusions:

1. Some windows are walls.
2. No wall is a door.

- VIII. **Statements:** All cups are books. All books are shirts.

Conclusions:

1. Some cups are not shirts.
2. Some shirts are cups.

- IX. **Statements:** Some cows are crows. Some crows are elephants.

Conclusions:

1. Some cows are elephants.
2. All crows are elephants.

- X. **Statements:** All the pencils are pens. All the pens are inks.

Conclusions:

1. All the pencils are inks.
2. Some inks are pencils.

- XI. **Statements:** Some dogs are bats. Some bats are cats.

Conclusions:

1. Some dogs are cats.
2. Some cats are dogs.

- XII. **Statements:** All the trucks are flies. Some scooters are flies.

Conclusions:

1. All the trucks are scooters.
2. Some scooters are trucks.

- XIII. **Statements:** All buildings are chalks. No chalk is toffee.

Conclusions:

1. No building is toffee
2. All chalks are buildings.

- XIV. **Statements:** All cars are cats. All fans are cats.

Conclusions:

1. All cars are fans.
2. Some fans are cars.

(XV-XVI) **Statements ; Some stars are moons. All moons are planets. No planet is universe.**

XV. **Conclusions**

- I. All moon being star is a possibility.
- II. No universe is star.

XVI. **Conclusions**

I. At least some planets are stars.

II. No moon is universe.

(XVII-XVIII)**Statements** : All sticks are plants. All plants are insects All insects are amphibians.

XVII. Conclusions

I. At least some amphibians are plants.

II. All sticks are insects.

XVIII. Conclusions

I. All amphibians are sticks.

II. All plants are amphibians.

(XIX-XXI)**Statements** All apartments are huts. No hut is a building. All buildings are cottages.

XIX. Conclusions

I. No cottage is an apartment.

II. Some cottages are apartments.

XX. Conclusions

I. No apartment is a cottage.

II. Some buildings being apartment is a possibility.

XXI. Conclusions

I. Some cottages being apartment is a possibility.

II. No cottage is a hut.

XXII. **Statements** . Some squares are circles. No circle is a triangle. No line is a square.

Conclusions :

I. All squares can never be triangles

II. Some lines are circles

III. No Triangle is a square.

IV.No Line is a circle

a) All follow b) I , III and II follow c) I, III and IV follow d) II and III IV follow

e) None of these

XXIII. **Statements** . All songs are poems. All poems are rhymes. No rhymes is a paragraph.

Conclusions :

I. No song is paragraph

II. No poem is a paragraph

a) I follows b) II follows c) None of these d) Neither I Nor II follows e) I and II follow

XXIV. **Statements** . Some dewes are drops. All drops are stones.

Conclusions :

I. At least some dewes are stones

II. At least some stones are drops

a) II follows b) I follows c) Both follow d) Either I Nor II follows e) None of these

XXV. **Statements** . Some pens are keys. Some key are locks. All locks are cards. No card is paper.

Conclusion :

I. No lock is paper

II. Some cards are keys

III. Some keys are not paper

a) I and II follow b) Only I follow c) Only II follows d) All follow e) None follows

XXVI. **Statements** . Some pearls are gems. All gems are diamonds. No diamond is stone. Some stones are corals.

Conclusions

I. Some stones are pearls

II. Some corals being diamond is a possibility

III. No stone is pearl.

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

XXVII. **Statements** . Some apartments are flats. Some flats are buildings. All buildings are bungalows. All bungalows are gardens.

Conclusions :

I. All apartments being building is a possibility

II. All bungalows are not buildings

III. No flat is garden.

a) None follows b) Only I follows c) Either I or III follows d) II and III follow e) None of theses

XXVIII. **Statements** . All chairs are tables. All tables are bottles. Some bottles are jars.No jar is bucket.

Conclusions:

I. Some tables being jar is a possibility

II. Some bottles are chairs.

III. Some bottles are not bucket.

a) Only I follows b) I and II follow c) All follow d) Only II follows e) None of these

ANSWERS

1.A	2.B	3.D	4.B	5.E
6.E	7.B	8.B	9.D	10.E
11.D	12.D	13.A	14.D	15.A
16.E	17.E	18.B	19.C	20.D
21.A	22.E	23.E	24.C	25.D
26.C	27.B	28.C		