SYLLOGISM

Directions(1-15): In question, some statements are given, followed by two conclusions I and II. You have to consider the statements to be true, even if they seem to be at variance from commonly known facts. You have to decide which of the given conclusions, if any, follow from the given statements. Indicate your answer.

1. Statements: No apple is a plum. All plums are oranges. All oranges are mangoes.
Conclusions: I. All plums are mangoes. II. At least some mangoes are oranges.
A. Neither I nor II follows   B. Only I follow   C. Either I or II follows   D. Both I and II follow
E. Only II follows

2. Statements: All animals are mammals. No mammal is a reptile. All reptiles are amphibians.
Conclusions: I. All animals are amphibians. II. Some amphibians are mammals
A. Neither I nor II follows   B. Only I follow   C. Either I or II follows   D. Both I and II follow
E. Only II follows

3. Statement: Some schools are classes. Some classes are teachers. All teachers are students.
Conclusions: I. Some students are classes. II. All schools being students is a possibility.
A. Neither I nor II follows   B. Only I follow   C. Either I or II follows   D. Both I and II follow
E. Only II follows

4. Statements: Some buses are cars. No car is ship. All ships are bikes.
Conclusions: I. Some buses are not bikes. II. No bike is ship.
A. Neither I nor II follows   B. Only I follow   C. Either I or II follows   D. Both I and II follow
E. Only II follows

5. Statements: All cups are saucers. All plates are cups. Some saucers are spoons.
Conclusions: I. All plates being spoons is a possibility. II. All plates are not saucers.
A. Neither I nor II follows   B. Only I follow   C. Either I or II follows   D. Both I and II follow
E. Only II follows

6. Statements: No cap is a shirt. Some trousers are caps. All belts are shirts.
Conclusions: I. No cap is a trouser. II. All caps being trousers is a possibility.
A. If only conclusion I follows   B. If only conclusion II follows   C. If either conclusion I or II follows
D. If neither conclusion I nor II follows   E. If both conclusions I and II follow

7. Statements: No crow is a bird. Some parrots are crows. No bird is a sparrow.
Conclusions: I. No crow is a sparrow. II. Some parrots are not birds.
A. If only conclusion I follows   B. If only conclusion II follows   C. If either conclusion I or II follows
D. If neither conclusion I nor II follows   E. If both conclusions I and II follow

8. Statements: Some milk is curd. Some curd are buttermilk. All buttermilk is butter. No butter is a ghee.
Conclusions: I. No buttermilk is ghee. II. Some butter is curd. III. Some curd are not ghee.
A. If only conclusion I follows   B. If only conclusion II follows   C. If either conclusion I or II follows
D. If only conclusion III follows   E. If all conclusions I, II and III follow

9. Statements: All letters are envelopes. No envelope is post office. Some post offices are postmen.
Conclusions: I. Some postmen are letters. II. No postman is a letter.
A. If only conclusion I follows   B. If only conclusion II follows   C. If either conclusion I or II follows
D. If neither conclusion I nor II follows   E. If both conclusions I and II follow

10. Statements: No animal is a rat. Some cows are animals. All bears are rats.
Conclusions: I. Some animals are cows. II. No bear is an animal.
A. If only conclusion I follows   B. If only conclusion II follows   C. If either conclusion I or II follows
D. If neither conclusion I nor II follows   E. If both conclusions I and II follow

11. Statements: Some oranges are apples. All lemons are apples. No apple is guava.
Conclusions: I. Some oranges are lemons. II. All guavas being lemon is a possibility. III. No orange is a lemon.
A. Only C3 follows   B. Either C1 or C3 follows   C. Only C2 and C3 follow   D. All follow
E. None of these

12. Statements: A few mechanics are not plumbers. All plumbers are qualified. No qualified is skilled.
Conclusions: I. No skilled is a plumber. II. No mechanic is skilled. III. Some plumbers are not mechanics.
A. Only C1 follows   B. Either C1 or C2 follows   C. Only C2 and C3 follow   D. All follow
E. None of these

13. Statements: No cycle is tyre. Not a single tyre is a tube. Every tube is puncture.
Conclusions: I. Some punctures which are tubes are cycles as well. II. No cycle is a tube. II. Some punctures are not tyres.
A. Only C3 follows   B. Either C1 or C2 follows   C. Only C2 and C3 follow   D. All follow
E. None of these

14. Statements: No panther is jaguar. Not a single jaguar is puma. Every puma is a cheetah.
Conclusions: I. Some cheetah which are puma are panther as well. II. No panther is a puma.
II. Some cheetah are not jaguar.
A. Only C3 follows   B. Either C1 or C2 follows   C. Only C2 and C3 follow   D. All follow
E. None of these

15. Statements: A few poets are not poetesses. All poetesses are serious. No serious is diligent.
Conclusions : I. No dilligent is a poetess. II. No poet is dilligent. III. Some poetesses are not poets.
A. Only C1 follows   B. Either C1 or C2 follows   C. Only C2 and C3 follow   D. All follow
E. None of these

TEST

1. Statements: No bike is a bus. All buses are trucks. All trucks are cars.
Conclusions: I. All buses are cars. II. At least some cars are trucks.
A. Neither I nor II follows   B. Only I follow   C. Either I or II follows   D. Both I and II follow   E. Only II follows

2. Statements: Some lions are tigers. Some tigers are panthers. All panthers are elephants.
Conclusions: I. Some elephants are tigers. II. All lions being elephants is a possibility.
A. Neither I nor II follows   B. Only I follow   C. Either I or II follows   D. Both I and II follow
E. Only II follows

3. Statements: At least some Europeans are British. Every European is an American. No American is an African.
Conclusions: I. All Americans being British is a possibility. II. Some Europeans can be Africans as well.
III. No African is a British.
A. Only I follow   B. I and III follow   C. I and II follow   D. All I, II and III follow   E. None of these

4. Statements: No grasshopper is an insect. No insect is a bug. All bugs are moths.
Conclusions: I. Some bugs may be grasshoppers. II. All moths being insects is a possibility.
III. No bug is a grasshopper.
A. Either I or III follows   B. I and III follow   C. Only I follow   D. All I, II and III follow   E. None of these

5. Statements: All engineers are villagers. No villager is a nurse. All nurses are managers.
Conclusions: I. No engineer is a manager. II. All villagers being managers is a possibility
A. If only conclusion II follows.   B. If both conclusions I and II follow.
C. If neither conclusion I nor II follows.   D. If either conclusion I or II follows.
E. If only the conclusion I follow.

6. Statements: Some paints are shoes. Some shoes are sleepers. All sleepers are shirts.
Conclusions: I. At least some shirts are paints. II. No shirt is paint. III. Some tables are chairs.
A. If only conclusion II follows.   B. If both conclusions I and II follow.
C. If neither conclusion I nor II follows.   D. If either conclusion I or II follows.
E. If only the conclusion I follow.

7. Statements: Some cows are camels. All camels are buffaloes. No buffalo is a fox.
Conclusions: I. Some camels are foxes. II. No buffalo is a cow. III. No cow is a fox.
A. if only conclusion I do not follow.   B. if only conclusion II does not follow.
C. if only conclusion III does not follow.   D. if only conclusions I and II do not follow.
E. None follows

8. Statements: No printer is a scanner. Some scanners are mouses. Some mouses are keyboards.
Conclusions: I. Some mouses are scanners. II. No keyboard is a printer. III. No keyboard is a mouse.
A. if only conclusion I do not follow.   B. if only conclusions II and III do not follow.
C. if only conclusion III does not follow.   D. if only conclusions I and II do not follow.
E. None of these

9. Statements: All phones are tools. Some tools are letters. All letters are stars.
Conclusions: I. All phones being stars is a possibility. II. At least some letters are phones.
A. if only conclusion I follow   B. if only conclusion II follows
C. if both conclusion I and II follow   D. if neither conclusion I nor II follows
E. if either conclusion I or II follows

10. Statements: Some poles are pots. All pots are plants. Some plants are leaves.
Conclusions: I. Some poles are plants. II. All plants are leaves
A. if only conclusion I follow   B. if only conclusion II follows
C. if both conclusion I and II follow   D. if neither conclusion I nor II follows
E. if either conclusion I or II follows

NUMBER SERIES

Directions (1-10): What will come in place of question mark (?) in the following series?

1. 1024, 520, 268, 142, ?, 47.5
A. 84   B. 82   C. 79   D. 88   E. None of these

2. 32, 16.5, 17.5, 27.75, 57.5, ?
A. 136.25   B. 142.25   C. 146.25   D. 156.25   E. None of these

3. 6, 16, 34, 62, 102, ?
A. 156   B. 132   C. 136   D. 142   E. None of these

4. 3, 10, 24, 50, ?, 170
A. 80   B. 82   C. 120   D. 121   E. None of these

5. 32, 35, 64, 71, 104, ?, 152
A. 110   B. 114   C. 115   D. 125   E. None of these

6. 9, 24, 69, 204, 609, ?
A. 1818   B. 1828   C. 1827   D. 1824   E. None of these

9. 582, 751, 555, 724, 528, ?
A. 699   B. 702   C. 697   D. 695   E. None of these

10. 14, 33, 71, 128, 204, ?
A. 289   B. 298   C. 225   D. 256   E. None of these