

Logical Consistency

Directions for questions 1 to 35: In each question, there is a main statement followed by four statements 1, 2, 3 and 4. From the choices, choose the ordered pair in which the first statement implies the second statement and the two are logically consistent with the main statement.

1. Kavita sleeps when she wakes up.

1. Kavita is sleeping.
2. Kavita wakes up.
3. Kavita is not sleeping.
4. Kavita does not wake up.

- A. 1 and 4
- B. 3 and 4
- C. 3 and 2
- D. 2 and 3
- E. 2 and 4

2. The ground gets wet only if it rains.

1. The ground is wet.
2. It did not rain.
3. It rained.
4. The ground is not wet.

- A. 1 and 4
- B. 3 and 2
- C. 2 and 4
- D. 3 and 4
- E. 4 and 1

3. Ankit feels happy only if he beats Arun.

1. Ankit beat Arun.
2. Ankit was happy.
3. Ankit did not beat Arun.
4. Ankit was not happy.

- A. 3 and 4
- B. 4 and 3
- C. 1 and 3
- D. 3 and 2
- E. 1 and 2

4. Kumar feels unhappy if the students are non-serious.

1. Kumar does not feel unhappy.
2. Kumar feels unhappy.
3. Students are serious.

4. Students are non-serious.

- A. 4 and 1
- B. 1 and 3
- C. 3 and 1
- D. 3 and 2
- E. 1 and 2

5. The rocket is launched when the button is pressed.

- 1. The button was pressed.
- 2. The button was not pressed.
- 3. The rocket was launched.
- 4. The rocket was not launched.

- A. 1 and 3
- B. 3 and 2
- C. 3 and 4
- D. 2 and 4
- E. 1 and 4

6. Saif drinks milk each time he goes to the lavatory.

- 1. Saif went to the lavatory.
- 2. Saif drank milk.
- 3. Saif did not go to the lavatory.
- 4. Saif did not drink milk.

- A. 4 and 3
- B. 2 and 1
- C. 3 and 4
- D. 2 and 3
- E. 1 and 4

7. If Mika looks at Rakhi, Rakhi exclaims.

- 1. Rakhi exclaimed.
- 2. Rakhi did not exclaim.
- 3. Mika did not look at Rakhi.
- 4. Mika looked at Rakhi.

- A. 4 and 2
- B. 3 and 2
- C. 1 and 4
- D. 2 and 3
- E. 1 and 3

8. Dhawal's motorcycle crashes only if he crosses LSR.

1. Dhawal crossed LSR.
2. Dhawal did not cross LSR.
3. Dhawal's motorcycle crashed.
4. Dhawal's motorcycle did not crash.

- A. 1 and 3
- B. 2 and 3
- C. 3 and 2
- D. 2 and 4
- E. 1 and 4

9. He does not eat only when he does not feel hungry.

1. He ate.
2. He did not eat.
3. He felt hungry.
4. He did not feel hungry.

- A. 1 and 3
- B. 4 and 2
- C. 4 and 1
- D. 3 and 1
- E. 2 and 3

10. Sanjeev does not run only if he is not chased by a bull.

1. Sanjeev ran.
2. Sanjeev did not run.
3. Sanjeev was not chased by a bull.
4. Sanjeev was chased by a bull.

- A. 4 and 2
- B. 2 and 1
- C. 4 and 1
- D. 3 and 4
- E. 2 and 4

11. If Gautam sings, then Avinash dances.

1. Gautam sang.
2. Gautam did not sing.
3. Avinash danced.
4. Avinash did not dance.

- A. 1 and 4
- B. 3 and 1
- C. 4 and 2
- D. 4 and 1

12. Unless I hear a baabu, I am not a baabla.

1. I heard a baabu.
2. I am a baabla.
3. I am not a baabla.
4. I do not hear a baabu.

- A. 1 and 2
- B. 3 and 1
- C. 2 and 1
- D. 4 and 2

13. Lokesh will stop crying, only if Updesh gifts him a chocolate.

1. Updesh gifted Lokesh a chocolate.
2. Lokesh stopped crying.
3. Updesh did not gift Lokesh a chocolate.
4. Lokesh did not stop crying.

- A. Only 1 and 2
- B. Only 3 and 4
- C. Both 2 and 3; and 3 and 4
- D. Both 1 and 2; and 4 and 3

14. A is B, only if C is not D.

1. C is D.
2. A is not B.
3. A is B.
4. C is not D.

- A. 4 and 3; and 1 and 2
- B. 3 and 4; and 2 and 1
- C. 3 and 4; and 1 and 2
- D. 2 and 1; and 4 and 3

15. She dances only when her boss is away from the office.

1. The boss is away.
2. She did not dance.
3. She danced.
4. The boss is in the office.

- A. 4 and 2
- B. 1 and 2
- C. 4 and 3
- D. 2 and 3

16. If Kamal and Sandeep are selected in that order, Kumar and Rajat are selected.

1. Kumar and Rajat are selected in that order.

2. Sandeep and Kamal are selected in that order.
3. Kamal and Sandeep are selected in that order.
4. Kumar and Rajat are not selected.

- A. 2 and 3
- B. 3 and 4
- C. 2 and 4
- D. 4 and 2

17. You will get more marks in the exam if strategic planning is done.

1. Strategic planning was done.
2. More marks were not obtained in the exam.
3. More marks were obtained in the exam.
4. Strategic planning was not done.

- A. 2 and 4
- B. 4 and 2
- C. 2 and 3
- D. 4 and 3

18. Virender is in the Bank when Lokesh is in the class.

1. Lokesh is in the class.
2. Virender is in the park.
3. Lokesh is not in the class.
4. Virender is in the Bank.

- A. 3 and 1
- B. 1 and 4
- C. 2 and 1
- D. 2 and 4

19. Only if she calls me, will I talk to her.

1. She called me.
2. I did not talk to her.
3. I talked to her.
4. She did not call me.

- A. 4 and 3
- B. 1 and 2
- C. 1 and 4
- D. 4 and 2

20. He can get a good wife only if he earns well.

1. He earns well.
2. He did not get a good wife.
3. He got a good wife.
4. He did not earn well.

- A. 2 and 4

- B. 4 and 2
- C. 2 and 3
- D. 1 and 3

21. It will evaporate if you hold it.

- 1. It evaporated.
- 2. You held it.
- 3. You did not hold it.
- 4. It did not evaporate.

- A. 1 and 4
- B. 2 and 1
- C. 3 and 4
- D. 4 and 1

22. Only if Kalpana comes to Delhi, Lokesh goes to Gurgaon.

- 1. Kalpana did not come to Delhi.
- 2. Lokesh went to Gurgaon.
- 3. Kalpana came to Delhi.
- 4. Lokesh did not go to Gurgaon.

- A. 2 and 1
- B. 3 and 2
- C. 3 and 4
- D. 2 and 3

23. Whenever I eat a cake, I feel hungry

- 1. I ate a cake.
- 2. I did not eat a cake.
- 3. I am not feeling hungry.
- 4. I am feeling hungry.

- A. 1 and 3
- B. 3 and 1
- C. 2 and 3
- D. 3 and 2

24. She calls me only when she needs help.

- 1. She needed my help.
- 2. She did not call me.
- 3. She called me.
- 4. She did not need my help.

- A. 4 and 2
- B. 1 and 3
- C. 3 and 4

D. 2 and 4

25. If someone is innocent then he is guilty.

1. Avinash is guilty.
2. Avinash is innocent.
3. Avinash is not guilty.
4. Avinash is not innocent.

- A. 3 and 2
B. 4 and 1
C. 3 and 4
D. 1 and 4

26. You cannot be honest unless you are cunning.

1. You are not honest.
2. You are cunning.
3. You are not cunning.
4. You are honest.

- A. 2 and 4
B. 1 and 2
C. 1 and 3
D. 4 and 2

27. She smiles every time I wink.

1. I did not wink.
2. She smiled.
3. She did not smile.
4. I winked.

- A. 1 and 3
B. 1 and 2
C. 2 and 4
D. 4 and 2

28. Sajjan plays poker only if he becomes a don.

1. Sajjan became a don.
2. Sajjan is playing poker.
3. Sajjan is not playing poker.
4. Sajjan did not become a don.

- A. 4 and 3
B. 1 and 2
C. 3 and 4
D. 3 and 2

29. Kamal feels ecstatic each time he goes to the temple.

1. Kamal is feeling ecstatic.

2. Kamal went to the temple.
3. Kamal did not go to the temple.
4. Kamal did not feel ecstatic.

- A. 1 and 2
- B. 4 and 3
- C. 3 and 4
- D. 1 and 3

30. Sanjeev goes to Paris unless there is no urgent work in Delhi.

1. There is urgent work in Delhi.
2. Sanjeev will go to Paris.
3. Sanjeev will not go to Paris.
4. There is no urgent work in Delhi.

- A. 1 and 2
- B. 2 and 1
- C. 4 and 3
- D. 4 and 2

31. Unless you add me as a friend, I cannot view your posts.

1. I viewed your posts.
2. I did not view your posts.
3. You added me as a friend.
4. You did not add me as a friend.

- A. 3 and 1
- B. 1 and 3
- C. 2 and 3
- D. 3 and 4

32. It pains me unless you are with me.

1. It pained me.
2. You are not with me.
3. You are with me.
4. It did not pain me.

- A. 2 and 1
- B. 3 and 1
- C. 4 and 2
- D. 3 and 4

33. You will value this gift unless you are not humble.

1. You are not humble.
2. You will value this gift.

3. You are humble.
4. You will not value this gift.

- A. 1 and 3
- B. 4 and 1
- C. 2 and 3
- D. 1 and 4

34. It will not get rusty unless you keep it under the sun.

1. You did not keep it under the sun.
2. It did not get rusty.
3. It got rusty.
4. You kept it under the sun.

- A. 1 and 3
- B. 3 and 1
- C. 1 and 2
- D. 3 and 2

35. We get angry when someone scolds us.

1. The teacher scolded us.
2. We got angry.
3. No one scolded us.
4. We did not get angry.

- A. 3 and 4
- B. 1 and 4
- C. 2 and 3
- D. 1 and 2

Directions for questions 36 to 75: Each question given below has a main statement, followed by four different statements. Choose the statement that logically follows the main statement.

36. Unless we innovate, we will not succeed.

- A. We innovated, hence we succeeded.
- B. We did not succeed, hence we must not have innovated.
- C. We have succeeded, hence we must have innovated.
- D. We succeeded, hence we must have been lucky.

37. If father is mother, then wife is husband.

- A. Wife is husband, therefore father must be mother.
- B. Wife is not husband, therefore father is not mother.
- C. Wife is not husband, therefore husband would be father.
- D. Father is not mother, so wife is not husband.

38. We shall not cross the swollen river unless the waters abate.

- A. The waters have abated, so we shall cross the river.
- B. We have not crossed the river, and thus it is true that the waters have not abated.
- C. The waters have not abated, but we have crossed the river.
- D. The waters have not abated, so we have not crossed the river.

39. Dogs are not mesmerized unless their owners wear triceratops hats.

- A. These dogs are mesmerized, so it must be that their owners wear triceratops hats.
- B. These dogs are not mesmerized, so it must be true that their owners do not wear triceratops hats.
- C. The owners of these dogs wear triceratops hats; thus, these dogs are mesmerized.
- D. The owners of these dogs wear triceratops hats; hence, these dogs are not mesmerized.

40. Whenever I dance with my friends, I lose my handkerchief.

- A. I danced with my friends, means that I lost my handkerchief.
- B. I did not dance with my friends, but still I lost my handkerchief.
- C. I did not lose my handkerchief, although I danced with my friends.
- D. I lost my handkerchief, hence I did not dance with my friends.

41. If I sleep well, then I do not insult people.

- A. I insulted people, although I slept well.
- B. I did not insult people, although I slept well.
- C. I did not sleep well, still I did not insult people.
- D. I insulted people, I must not have slept well.

42. Sunday is on Sunday, only if Monday is on Friday.

- A. Monday is on Wednesday, so Sunday is on Sunday.
- B. Sunday is on Sunday, so Monday is on Monday.
- C. Sunday is not on Sunday, so Monday is on Tuesday.
- D. Monday is on Monday, hence Sunday is not on Sunday.

43. You can participate unless I do not ban you.

- A. I banned you, hence you can participate.
- B. I have not banned you, hence you cannot participate
- C. I have banned you, hence you cannot participate.
- D. I did not ban you, hence you can participate.

44. If it hails, then I wear a helmet.

- A. It is hailing, means that I am wearing a helmet.
- B. It is not hailing, hence I am not wearing a helmet.
- C. I am not wearing a helmet, means that it is not hailing.
- D. Both A and C

45. Only if I work hard, I will get at least one job.

- A. I am working hard, hence I will get at least one job.
- B. I am not working, hence I will not get any job.
- C. I got three jobs, means that I have worked hard.
- D. Both Band C

46. Unless I play well, I will not get promoted.

- A. I was not promoted, means that I did not play well.
- B. I got promoted, implies that I had played well.
- C. I did not play well, means that I will not be promoted.
- D. Both Band C

47. One can roam freely unless one is not well.

- A. One is well, hence one can roam freely.
- B. One is roaming freely, hence one must be well.
- C. One is not roaming freely, hence one will be well.
- D. One is not well, thus one cannot roam freely.

48. The show will not begin unless the lead actor does not issue an apology.

- A. The show will begin when the lead actor does not issue an apology.
- B. The show has begun, so the lead actor must not have issued an apology.
- C. The lead actor refused to issue an apology, so the show will begin.
- D. The lead actor issued an apology; thus, the show will begin.

49. Brooke Shields will not wear makeup unless the makeup does not make her look like Keanu Reeves.

- A. Brooke Shields is wearing makeup, so it must be true that the makeup does not make her look like Keanu Reeves.
- B. Brooke Shields is not wearing makeup, and it must be true that the makeup would have made her look like Keanu Reeves.
- C. The makeup will not make Brooke Shields look like Keanu Reeves, so she will wear makeup.
- D. The makeup will make Brooke Shields look like Keanu Reeves, so she will wear some make up.

50. There is mayhem whenever Jackie Chan and Chris Tucker work together.

- A. Chris Tucker and Jackie Chan are not working together, so there is no mayhem.
- B. There is mayhem, so Chris Tucker and Jackie Chan must be working together.
- C. Chris Tucker and Jackie Chan are working together, so there is no mayhem.
- D. There was no mayhem, so Jackie Chan and Chris Tucker did not work together.

51. Every time there is a solar eclipse, Pierce Bronson puts on his shades.

- A. There is no solar eclipse; thus, Pierce Bronson has not put on his shades.
- B. Pierce Bronson has put on his shades, so there is a solar eclipse.
- C. There was a solar eclipse, so Pierce Bronson had not put on his shades.
- D. Pierce Bronson had not put on his shades, so there was no solar eclipse.

52. I begin to stammer only if the children begin to murmur.

- A. I am not stammering; hence, the children are not murmuring.
- B. I am not stammering; hence, the children are not murmuring.
- C. The children have begun to murmur; hence, I have begun to stammer.
- D. The children have not begun to murmur, so I have not begun to stammer.

53. People poke their noses in other people's business unless people are told to mind their manners.

- A. People poke their noses in other people's business; hence, people have not been told to mind their manners.
- B. People do not poke their noses in other people's business; hence, people have been told to mind their manners.
- C. People have not been told to mind their manners, so people do not poke their noses in others' business.
- D. People have been told to mind their manners; thus, people do not poke their noses in others' business.

54. Postmen deliver letters on time unless the letters are not well written.

- A. The letter was delivered by the postman on time, so the letter was well written.
- B. The letter was not well written; hence, it will not be delivered on time.
- C. The letter was not delivered by the postman on time, so it must be that the letter was not well written.
- D. The letter is well written, but it may not be delivered on time.

55. The boy band plays rock and roll only when the girl band plays rock and roll.

- A. The girl band is playing rock and roll, so the boy band is playing rock and roll.
- B. The girl band is not playing rock and roll, so the boy band is not playing rock and roll.
- C. The boy band is not playing rock and roll, so the girl band must be playing rock and roll.
- D. The boy band is playing rock and roll, so the girl band is not playing rock and roll.

56. Either monkeys are despondent or they are happy.

- A. Monkeys are despondent, so they are not happy.
- B. Monkeys are not happy, so they are not despondent.
- C. Monkeys are not happy, so they are despondent.
- D. Both A and C

57. Hollywood movies tend to be either over the top or not politically correct.

- A. The Monkey's Paw, a Hollywood movie, is politically correct; thus, it may be over the top.
- B. The Monkey's Paw, a Hollywood movie, is over the top; thus, it not politically correct.
- C. The Monkey's Paw, a Hollywood movie, is not over the top; thus, it is politically correct.
- D. The Monkey's Paw, a Hollywood movie, is not politically correct; thus, it is over the top.

58. The management is either not interested or senile.

- A. The management is senile, so it must be interested.
- B. The management is not senile, so it must be not interested.
- C. The management is senile, so it must not be interested.
- D. Both B and C.

59. Loudmouths are either non combative or not cultured.

- A. Henry, a loudmouth, is cultured; thus, he may be non combative.

- B. Henry, a loudmouth, is not cultured; thus, he is non combative.
- C. Henry, a loudmouth, is combative; thus, he is cultured.
- D. Henry, a loudmouth, is non combative; thus, he is not cultured.

60. Portmanteaus are either not small or not heavy.

- A. This portmanteau is not heavy, so it is not small.
- B. This portmanteau is heavy, so it is not small.
- C. This portmanteau is small, so it is heavy.
- D. This portmanteau is not small, so it is heavy.

61. Peccadilloes are either not grave or forgivable.

- A. Peccadilloes are not grave, so they are forgivable.
- B. Peccadilloes are not forgivable, so they are grave.
- C. Peccadilloes are grave, so they are forgivable.
- D. Peccadilloes are forgivable, so they are grave.

62. Man's situation in this world is either not absurd or pathetic.

- A. Man's situation in this world is pathetic, so it is not absurd.
- B. Man's situation in this world is pathetic, so it is absurd.
- C. Man's situation in this world is not absurd, so it is pathetic.
- D. Both A and B

63. Either the onion is not an oxymoron, or it is not a hyperbole.

- A. The onion is not a hyperbole; thus, it is an oxymoron.
- B. The onion is not an oxymoron; thus, it is a not a hyperbole.
- C. The onion is a hyperbole; thus, it is a oxymoron.
- D. The onion is not a hyperbole; thus, it is a not an oxymoron.

64. Either the minister is lying, or he is ingesting gas.

- A. The minister is not lying, so he is ingesting gas.
- B. The minister is lying, so he is not ingesting gas.
- C. The minister is ingesting gas, so he is not lying.
- D. Both B and C

65. Either the astronomers are not well trained, or they are not vigilant.

- A. The astronomers are vigilant, so they must not be well trained.
- B. The astronomers are not vigilant, so they must be well trained.
- C. The astronomers are not well trained, so they must not be vigilant.
- D. All of the above

66. If it rains, then I wear a raincoat.

- A. It is raining, means that I am wearing a raincoat.
- B. It is not raining, hence I am not wearing a raincoat.

- C. I am not wearing a raincoat, means that it is not raining.
- D. Both A and C

67. Either I sleep or I reach early.

- A.I am not sleeping, hence I will reach early.
- B.I Cannot reach early; therefore I am sleeping.
- C.I am sleeping; hence I cannot reach early.
- D.Both A and C

68. Only if I reach early, I will get at least one ticket.

- A. I am reaching early, hence I will get at least one ticket.
- B. I am not reaching early, hence I will not get any ticket.
- C. I got three tickets, means that I have reached early.
- D. Both B and C

69. Unless I make well, I will not get awarded.

- A.I was not awarded, means that I did not make well.
- B.I got awarded, implies that I had made well.
- C.I did not make well, means that I will not be awarded.
- D.Both B and C

70. Rekha uploads tests only if Neha takes counselling.

- A. Neha took counselling, so Rekha must have uploaded the tests.
- B.Rekha did not upload any test, which means that Neha did not take any counselling.
- C.Rekha uploaded the tests, so Neha must have taken the counselling.
- D. Neha did not take any counselling, so Rekha must have uploaded the tests.

71. Whenever I jump from Delhi, I land in Punjab.

- A. I jumped from Delhi, means that I did not land in Punjab.
- B. I did not jump from Delhi, but still I landed in Punjab.
- C. I did not land in Punjab, although I jumped from Delhi.
- D. I did not land in Punjab, hence I did not jump from Delhi.

72. I do not like to play with people unless they are cheerful.

- A.Payal is cheerful, therefore I like to play with her.
- B.Saloni is not cheerful but I still like to play with her.
- C. I like to play with Sandeep, so he must be cheerful.
- D. I did not play with Divya, so she is definitely not cheerful.

73. If you take his help, then he will ask for a fee.

- A. He asked for a fee, which implies that you took his help.
- B. You took his help, but he still did not ask for a fee.
- C. You did not take his help, so he will not ask for a fee.

D. None of above

74. Gautam makes runs only if he is sent in as an opening batsman.

A. Gautam did not make runs, although he was sent in as an opening batsman.

B. Gautam made runs, although he was not sent in as an opening batsman.

C. Gautam was not sent in as an opening batsman and he did not make runs.

D. Gautam did not make runs, as he was sent in as an opening batsman.

75. You cannot take a holiday unless I accompany you.

A. You took holiday, I must have accompanied you.

B. I did not accompany you, but still you took holiday.

C. C. I did not accompany you, hence I accompanied you.

D. I accompanied you, but still you did not take holiday.