

Number of Questions : 40

WSP-0014/18

Contents:

Analogy

Syllogism

Logical Consistency

Critical Reasoning

Analogy

Directions for questions 1 to 10: In the following questions two words, which have a certain relation, are paired. Fill in the blank with the appropriate option. The pair after the double colon (::) must reflect a relation similar to the one displayed by the question pair.

- | | |
|--|---|
| <p>1. Credulous : Believe :: _____
 (1) Peevish : Irritate
 (2) Avaricious : Lust
 (3) Lecherous : Greed
 (4) Soporific : Walk</p> | <p>4. Giddiness : Vertigo::Weariness: ____
 (1) Alacrity
 (2) Mortification
 (3) Lassitude
 (4) Banality</p> |
| <p>2. Minatory : Unthreatening :: _____
 (1) Nugatory : Jejune
 (2) Callous : Torpid
 (3) Stentorian : Consonant
 (4) Unsatisfactory : Agreeable</p> | <p>5. Accent : Dialectology :: _____
 (1) Sound : Speech
 (2) Sound : Acoustics
 (3) Sight : Eyes
 (4) Fate : Palmistry</p> |
| <p>3. Taxidermy : Skins :: _____
 (1) Actuary : Statistics
 (2) Repartee : Office
 (3) Tirade : Gem Stones
 (4) Pyrotechnic : Machines</p> | <p>6. Sombre: Funeral:: _____
 (1) Jingoism: Xenophobia
 (2) Aggression: Sales Meeting
 (3) Disappointment: Appraisal
 (4) Anguished: Tribulation</p> |
| | <p>7. Paleontology : Fossils : : Entomology : _____
 (1) Insects
 (2) Environment
 (3) Human body
 (4) Sea creatures</p> |
| | <p>8. Trove : Treasure :: Grouse : _____
 (1) Sleep
 (2) Harm
 (3) Dull
 (4) Complaint</p> |
| | <p>9. Botany : Plants :: _____
 (1) Cosmology : Make up
 (2) Carpology : Carpets
 (3) Glossology : Shine
 (4) Chirolgy : Hands</p> |

10. Lune : Crescent :: _____
 (1) Ball : Throw
 (2) Prism : Rainbow
 (3) Glass : Angular
 (4) Orb : Sphere

Syllogism

Directions for questions 11 and 12: Each question consists of five statements followed by four sets of combinations of three. Choose the set in which the statements are most logically related.

11. A. Akshat may be a Martin fan.
 B. Akshat is an English student.
 C. Akshat is a Martin fan.
 D. Akshat is a Henry fan.
 E. All English students are Martin fans.

(1) BCE (2) ECB (3) BED (4) BEC

12. A. All sea creatures are mermaids.
 B. Seals are not mermaids.
 C. Seals are mermaids.
 D. Seals are whales.
 E. Seals are sea creatures.

(1) CAE (2) CDE (3) EAC (4) DCB

Directions for question 13: In the following question two statements followed by four conclusions are given. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follow(s) from the given statements.

Statement I : Some cows are big.

Statement II : Some big are pigeons.

Conclusions:

- (1) All cows are big.
 (2) Those pigeons that are big are cows.
 (3) Some pigeons are cows.
 (4) Some pigeons may be cows.

Directions for questions 14 to 16: The following question contains four arguments of three sentences each. Choose the statement in which the 3rd statement is a logical conclusion of the first two.

14. 1. No rats are cats. No cats are dogs.
 No dogs are rats
 2. Some cats are not mice. Some mice are not monkeys. Some monkeys are not cats.
 3. All Ps are Qs. No Qs are Rs. No Ps are Rs.
 4. All cats are rats. All mice are rats. All cats are rats.

(1) 1 and 3 (2) 2 and 3
 (3) 3 only (4) 1 and 4

15. 1. All snakes are frogs. Some frogs are birds.
 All snakes are birds.
 2. All crows are birds. All birds are animals.
 All animals are crows.
 3. All cereals are grains. All food plants are grains. All food plants are cereals.
 4. All fruits are nuts. Some nuts are edible. All nuts are fruits.

(1) 1, 3 (2) 2 and 4
 (3) 1, 2 and 4 (4) None of these

16. 1. Some marbles are nuts. Some nuts are toys. Some marbles are toys.
 2. All professors are literate. All literates are magicians. All magicians are professors.
 3. All executives are magicians. All executives are lawyers. Some magicians are lawyers.
 4. Some rats are cats. All dogs are cats. Some dogs are rats.

(1) 1 and 3 (2) 2 and 4
 (3) 3 only (4) 1 and 4

Directions for questions 17 to 20: Each of the following questions contains a set of sentences and two conclusions numbered I and II. You have to take the statements to be true even if they seem to be at variance with commonly known facts and decide which of the given conclusion(s) logically follow(s) from the two given statements. Mark your response as:

- (1) If only conclusion (I) follows
- (2) If only conclusion (II) follows
- (3) If both I and II follow
- (4) If neither I nor II follows

17. Statements:

- I. No prints are animals.
- II. All prints are mammals.

Conclusions:

- I. Some mammals are animals.
- II. No mammals are animals.

18. Statements:

- I. Some potatoes are petals.
- II. All petals are posters.
- III. Some potatoes are pockets.
- IV. No poster is pocket.

Conclusions:

- I. Some pockets are not potatoes.
- II. Some potatoes are not posters.

19. Statements:

- I. All fruits are custards.
- II. No custard is caramel.
- III. Some caramels are not pastries.

Conclusions:

- I. Some pastries are not fruits.
- II. Some pastry is not custard.

20. Statements:

- I. Some Ola is Uber.
- II. All Uber is Meru.
- III. Some Meru is not Ola.
- IV. All TFS is Meru.

Conclusions:

- I. Some Ola is not Meru.
- II. Some TFS is not Ola.

Logical consistency

21. If all that grows is honesty, then, if X is honesty, which of the following is true?

- (1) X is a virtue.
- (2) X grows.
- (3) X does not grow.
- (4) None of the above

Directions for questions 22 to 30: Each question has a main statement followed by four statements. Choose the ordered pair of statements where the first statement implies the second and the two statements are logically consistent with the main statement.

22. Sachin scores a century in a match only if he is out on the first ball in that match.

- A. Sachin scored a century in the match today.
- B. Sachin did not score a century today.
- C. Sachin was out on the first ball today
- D. Sachin was not out on the first ball in the match today.

- (1) BC (2) CB
- (3) AD (4) DB

23. Sehwag opens India's innings if India bats first.

- A. Sehwag opened.
- B. India batted first.
- C. India did not bat first.
- D. Sehwag did not open.

- (1) AB (2) CD
- (3) BC (4) DC

24. Little Red Riding Hood eats the wolf if it does not attack her.
A. Little Red Riding Hood ate the wolf.
B. Little Red Riding Hood did not eat the wolf.
C. The wolf attacked Little Red Riding Hood.
D. The wolf did not attack Little Red Riding Hood.
- (1) AB (2) CD
(3) DA (4) AC
25. Only if it rains I take the car to work.
A. It rained
B. I took the car to work
C. I did not take the car to work
D. It did not rain.
- (1) AC (2) AD
(3) BD (4) BA
26. If there is a strike in the college I will go to a movie or I will go to my friend's house.
A. I did not go to a movie.
B. I went to my friend's house.
C. There was a strike.
D. I went to a movie.
- (1) AC (2) BC
(3) CD (4) DB
27. India buys a MIG-21 from Russia each time it buys a MIG-52 from the same country.
A. India didn't buy a MIG-52 from Russia.
B. India bought a MIG-21 from Russia.
C. India bought a MIG-52 from Russia.
D. India didn't buy a MIG-21 from Russia.
- (1) BC (2) DA
(3) AD (4) BA
28. Nobita studies only when Gian is not around.
A. Gian is around.
B. Nobita studies.
C. Nobita doesn't study.
D. Gian is not around.
- (1) BA (2) CA
(3) AC (4) DB
29. It is midnight only if the clock has not struck 12.
(a) The clock has struck 12.
(b) It is midnight.
(c) It is not midnight.
(d) The clock has not struck 12.
- (1) ba (2) ca
(3) ac (4) db
30. All that shines is dew.
(a) X shines.
(b) X is not dew.
(c) X is dew.
(d) X does not shine.
- (1) ca (2) db
(3) ba (4) bd

Critical Reasoning

Directions for questions 31 to 40: Read the following passages and answer the questions that follow.

31. Our economy is like Wall Street; what goes up, must come down. People most affected by recession are those in the middle and working class families. Because of the unstable economy, companies are threatened to downsize their employee work force and closing doors is their next option. Many companies are releasing their employees from their duties. The loss of a job threatens many working and middle class families along with the threat of bankruptcy. Because of the increasing accumulation of consumer debt, jobs were hard to find; in addition, most people were forced to sell their homes; many of them moved to other states. Most of them took low paying jobs to support their family. The

unfortunate ones took from seven months to a year before they could find a decent job; however, "we have every reason to maintain confidence in the economy" according to the Treasury Secretary. Others who are fortunate could sit and wait or start their own business, and the rest could either take out a home equity loan or re-finance to lower their mortgage payment.

Which of the following statements provides concrete support to the author's argument?

- (1) The various options chosen by people to deal with recession are short-term in nature.
- (2) Economists are suggesting that it is a laughing matter as people are panicking unnecessarily over this momentary effect which will soon pass on and will be forgotten in no time.
- (3) The Treasury Secretary is suggesting another possibility that a particular bank is involved in spreading rumors at the Wall Street.
- (4) Meanwhile, only 1 business news related channel, out of 60, is providing its own views on the issue as judged by the available experts.

32. The Titanic sank as a result of a collision with an iceberg. The impact caused a hole in its hull. Normally when a ship, which has a hole, sinks as rapidly as the Titanic did, water does not enter the ship quickly enough for the ship to be fully-flooded when it reaches the ocean floor. Full-flooding can be achieved, however, by a crack at the hull. Any ship that sinks deep into the ocean when not fully-flooded will implode. Deep-sea photographs, taken of the sunken Titanic where it rests on the ocean floor, reveal that the Titanic did not implode.

Which one of the following must be true on the basis of the information above?

- (1) The Titanic was so constructed as to reduce the risk of sinking by impact.
- (2) If the Titanic became fully flooded, it did so only after it reached the ocean floor.
- (3) If the Titanic was not sunk by a crack at the hull, water flooded into it unusually fast.
- (4) If the Titanic had sunk more slowly it would have imploded.

33. Every summer, corporate heads make commencement speeches extolling the virtues of a liberal education as the best preparation for dealing with the problems facing corporates today. At the same time, campus recruiters from their corporations are offering entry-level jobs, not to liberal arts graduates, but to students with degrees in operations, marketing, finance, and human relations. Companies want employees with specific job-related skills, not generalists.

Which of the following, if true, best resolves the apparent contradiction described by the author?

- (1) As technology plays an increasing role in business, the need for technical skills among business people continues to increase.
- (2) Some corporations today make a deliberate effort to hire both technically trained employees and those with a liberal arts education.
- (3) Because of the rapid pace of technological change, the specific skills learned by students are often outdated within a few years of their graduation.
- (4) Although entry-level jobs require specific skills, large-scale problem solving in business calls for a more general educational background.

34. Yawning is contagious. When one person in the room starts to yawn, the others follow suit. However, yawning can also be hindered by stress. Due to stress, people may not be able to yawn even though someone else in the room starts to yawn. During a murder investigation, Arjun, the investigator, starts to yawn. He is interrogating the wife of the murder victim. Rita, the wife of the deceased, doesn't follow suit. Arjun is now sure that Rita killed her husband.

Which of the following, if true, would weaken Arjun's case the most?

- (1) Rita has gone into a shock after discovering her husband's dead body.
- (2) Rita has developed a dislike for Arjun's interrogation technique and is very conscious of her behaviour.
- (3) Rita had no motive to kill her husband. They had been happily married for over 10 years.
- (4) Rita is overwhelmed with the events that have unfolded. She is deeply stressed.

35. Bollywood movies typically don't feature characters other than the ones who speak Hindi. This is not because the script writers in Bollywood are racists. It is because of the linguistic ignorance on the part of these script writers who are unable to write or get dialogues written in other languages. As a result, the audience is deprived of the poetic brilliance of Urdu, the sweet staccato of Bengali, the pulsating beat of French, and so on.

Which of the following, if true, can reaffirm the conclusion given above?

- (1) The linguistic ignorance of script writers suggests a larger problem of the threatened existence of the vernacular languages in India.

- (2) Sometimes Bollywood script writers are accused of plagiarism as their stories were already there in the movies of some other language.
- (3) The life of a language is eternal and its effects universal.
- (4) Every language invariably finds a way to survive.

36. Eating tomatoes lowers the risk of having cancer, according to a research. The article refers to a study that found that people who ate one or more tomatoes per day were half as likely to be diagnosed with cancer as people who did not.

Which of the following weakens the argument?

- (1) Participants in the study reported ate no vegetables but tomatoes.
- (2) In another experiment, cancer patients who ate one or more tomatoes per day were no more likely to recover than those who ate no tomatoes.
- (3) The participants in the study who ate tomatoes did more exercise regularly than those who did not eat tomatoes.
- (4) Many patients, who used to eat tomatoes daily, have died in recent years of cancer.

37. The neighbours of Theon are stunned with the events that unfolded in Winterfell last week. Theon was the organizer of the white supremacist rally that resulted in chaos and ultimately the loss of life of a young woman. In his neighbourhood, Theon has shown none of the white-supremacist persona he projects in his public speeches and rallies. In fact, each of the eight neighbours interviewed by a magazine said that Theon was always cordial and pleasant in person, and that he was kind to his dog, Nimera. Several of his immediate neighbours also said that a young black man with a foreign accent they could not place had been Theon's roommate for an extended period of time.

Which of the following, if true, would resolve the paradoxical behaviour of Theon?

- (1) Theon is reserved in airing his opinion in public.
- (2) Theon is a psychopath who is great at hiding his emotions in public.
- (3) Theon has recently found the courage to air his racist view as many white supremacists were bolstered by the election of a racist head of state.
- (4) The neighbours of Theon who were interviewed by the magazine were the only one who didn't notice his racist tendencies.

38. Spitting is all set to become a costly affair. The West Bengal state cabinet recently approved an anti-spitting law that includes monetary punishment along with compulsory community service.

Which of the following is an assumption made by the West Bengal cabinet in passing the above mentioned bill?

- (1) Spitting in public has been the biggest headache for the West Bengal tourism department.
- (2) People of West Bengal will not spit in public anymore.
- (c) In future, this law will serve as a precedent to ban tobacco, which is the ultimate target of the cabinet, in the state.
- (3) West Bengal's roads will become clean and tidy.

39. At the time of independence the water flowing down the Ganges was regarded as clean. Not that these were no pollutants then. Human excreta and sewage discharge accounted for 20% of the pollution. The remaining 80% of the pollution came from untreated industrial effluents. Now the Ganges is the most polluted river in the world. Since Independence industry has doubled,

population has increased five fold while the total volume of water flowing down the river has almost halved. In order to clean the Ganges the govt. has up huge plans at a cost of lakhs of crores of rupees. The govt. hopes to clean up the Ganges in the next 5 years.

Which of the following weakens the govt's claim?

- (1) Progressively lower precipitation in the mountains means the Ganges will ultimately dry up.
- (2) Rising levels of population mean that human beings will use more & more of water & discharge more & more effluents.
- (3) Industry shows no signs of disciplining itself and is not likely to clean up its act.
- (4) Decreasing vegetation all over the country means greater pollution.

40. The population in the hilltops of Himachal has been steadily increasing. Experts have warned that unless immediate steps are taken to reduce the load on the hills the entire state may soon be buried under the debris of massive quakes.

Which of the following if true weakens the argument?

- (1) In the west there are hills which are much more densely populated.
- (2) In the past quakes in hilly areas have destroyed flimsy buildings with little or no foundation while concrete buildings with deep foundations have survived.
- (3) According to seismologists quakes occur not due to excessive loading can the top but due to movement of the tectonic plates below the earth's crust.
- (4) The problem is not excessive loading but unbalanced loading. All earth quakes in hilly areas have occurred when the load was unbalanced.

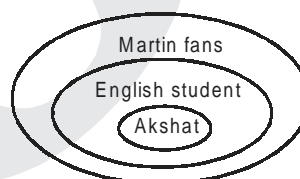
1	1	2	4	3	1	4	3	5	2	6	4	7	1	8	4	9	4	10	4
11	4	12	3	13	4	14	3	15	4	16	3	17	4	18	2	19	4	20	4
21	4	22	4	23	4	24	3	25	4	26	3	27	2	28	3	29	3	30	4
31	1	32	3	33	4	34	4	35	1	36	3	37	3	38	2	39	3	40	2

1. 1 A credulous person 'believes' easily - he is gullible. Similarly a peevish person gets irritated easily. Avaricious means greedy, lecherous means lusty, Soporific is sleepy.
2. 4 Minatory is threatening. So its antonym is unthreatening. Nugatory or jejune is uninteresting; Callous means torpid, a Stentorian is consonant. Unsatisfactory is the antonym of agreeable.
3. 1 'Taxidermy' is to do with animal skins; 'actuary' has to do with statistics.
4. 3 Giddiness and dizziness are synonyms of vertigo. Weariness means lassitude. Alacrity is the antonym. Mortification means embarrassment. Banality refers to the lack of originality.
5. 2 Just as 'dialectology' is studies related to accent, 'acoustics' is studies related to sound.
6. 4 Sombre is the mood that accompanies any funeral. Jingoism is a noun. It is related to xenophobia or fear of foreigners. But it doesn't depict any emotion. Disappointment may or may not be the mood of an appraisal. Similarly, option 2 is also not correct. However, tribulation or misery results in an anguished mood.
7. 1 As Paleontology is the study of fossils, Entomology is the study of insects.
8. 4 Just as trove and treasure are synonyms, complaint is a synonym of grouse.

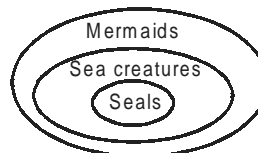
9. 4 Just as 'botany' is the study of plants, 'chirology' is the study of hands. 'Cosmology' is the study of the universe, 'carpology' is the study of fruits and 'glossology' is the study of language.

10. 4 Lune is a crescent-shaped figure while orb is spherical figure.

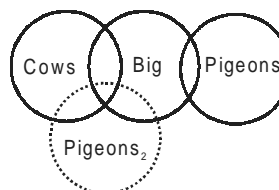
11. 4



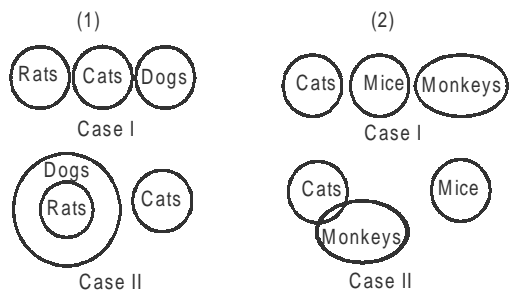
12. 3



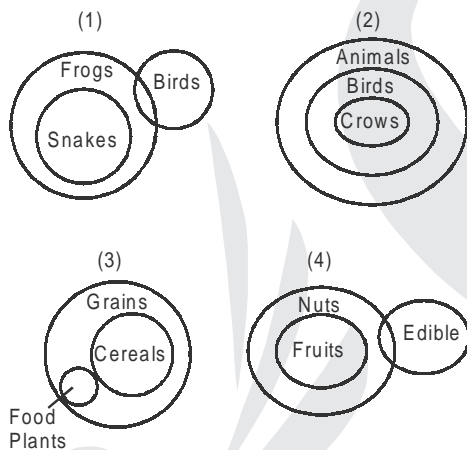
13. 4



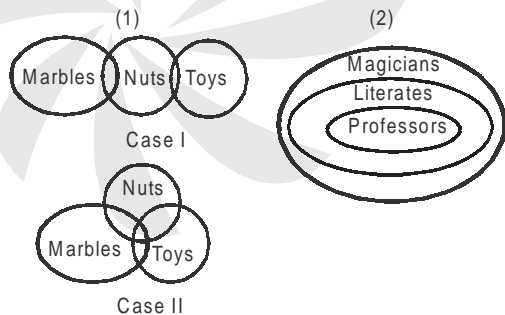
14. 3



15. 4



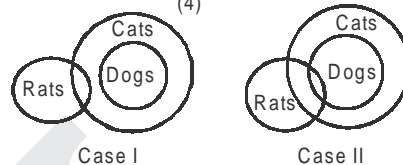
16. 3



(3)



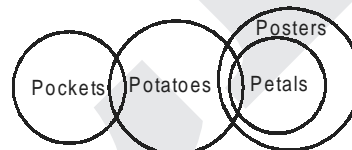
(4)



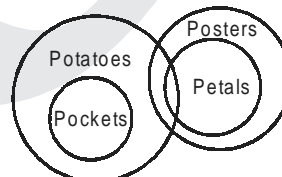
17. 4



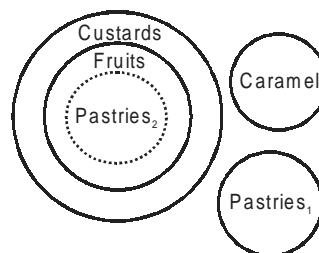
18. 2 **Case I**



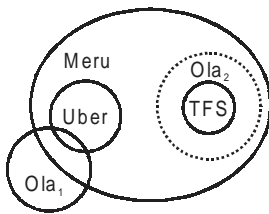
Case II



19. 4



20. 4



21. 4 The statement says that if X grows then it has to be honesty. But if X is honesty, then it may or may not grow.

22. 4 Only if Sachin gets out on the first ball will he score a century. Hence, option (4) is the correct answer.

23. 4 Option (4) is the answer. Option (1) is incorrect because if India does not bat first then too Sehwag can bat first.

24. 3 Option (3) is the answer. If the wolf does not attack Little Red Riding Hood, then she will eat it.

25. 4 The statement as given means that I take the car to work only and only when it rains. Thus if I take the car to work it means it must have rained. It is possible that on same days though it is raining I do not take the car.

26. 3 The statement says that in the event of a strike. I spend my time by either going to a friend's house or going to a movie. It does not mean that I undertake these activities only in the event of a strike.

27. 2 The sentence follows the "if...then" logic. "Buying MIG-52 from Russia" is the cause and "buying MIG-21 from Russia is the effect". Hence if the effect didn't happen then the cause didn't happen. So, the right answer is option (2).

28. 3 This statement follows the logic of "Only if...then" statement. "Gian is not around" is the cause. "Nobita studies" is the effect. Every time the cause happens the effect may or may not happen. However, if the cause doesn't happen, the effect will surely not happen as it is an "only if" condition. Hence, the answer is option (3).

29. 3 Since it is midnight only if the clock does not strike 12, we can infer that it is not midnight if the clock has struck 12. Hence, option (3) is the correct answer.

30. 4 The sentence means that everything that shines is dew. So if something is not dew then it will not shine. Hence, option (4) is the correct answer.

31. 1 Option (2) neither weakens nor strengthens the author's opinion as it states that people are attaching unnecessary importance to recession. Option (3) does not support the Treasury Secretary's stand or the author's point of view. Option (4) presents factual information regarding the impact of these financial fluctuations in the market. If only 1 out of 60 business news channels is providing analysis then this definitely is not a real issue of concern. Therefore, this does not necessarily support or strengthen the author's views. Option (1) strengthens the author's argument as people choosing options of a short-term nature, to tide over the recession's effects, suggests that they expect the economy to bounce back.

32. 3 The passage clearly states that any ship that hits the ocean floor without being fully-flooded implodes. As we know that the Titanic did not implode, we can conclude that it must have been fully-flooded by the time it reached the ocean floor. The passage also states that normally a ship that sinks as fast as the Titanic did, will not be fully-flooded by the time it reaches the ocean floor. But, a crack in its hull would justify the fully-flooded condition. Hence, we can conclude that if the Titanic had not sunk because of a crack in its hull, it would have been unusual for the ship to be fully-flooded before reaching the ocean floor. Option (1) is irrelevant. Options (2) and (4) contradict the facts presented in the passage.

33. 4 The apparent contradiction in the passage is resolved by identifying the different contexts in which the corporate heads and the campus recruiters are operating. The campus recruiters are hiring students to fill entry-level jobs, which require specific skills. In contrast, the corporate heads are talking about dealing with 'the problems facing business today' i.e., large-scale problems. Entry-level employees aren't usually the ones who tackle such problems. Options (1), (2) and (3) do not resolve the contradiction described in the passage.

34. 4 The data given in the paragraph clearly suggest that stress may cause someone not to yawn, even though yawning in general is contagious. Options (1) and (2) will surely weaken the argument but "shock" and "dislike" have not been mentioned in the passage. Hence, they are uncertain factors. Option (3) is irrelevant. Hence, option (4) will weaken the case the most.

35. 1 This is the only relevant option. This actually strengthens the given argument which talks about Bollywood not catering to other languages except Hindi. Thus, it threatens the survival of vernacular languages in India. Option (2) is irrelevant. Hence can be rejected. Options (3) and (4) weaken the argument.

- | | |
|--|---|
| <p>36. 3 The correct answer is (3). This passage talks about preventing cancer and not curing it. Hence, options (1), (2), and (4) can be eliminated. Option (c) weakens it as the author gives credit to the consumption of tomatoes as the factor preventing cancer. Option (3) introduces another element i.e. exercising which could have contributed to the study too. Hence, option (3) weakens the argument the most.</p> <p>37. 3 It is the option that best resolves the paradox. It states that Thoen had always been a closet racist but he has just found an outlet to vent his racism more openly in the recent times. Option (1) can't be true as Theon has spoken in rallies. Option (4) will weaken the argument but it can't resolve the paradox stated in the question. Option (2) is wrong too as Theon has not shied away from speaking in public.</p> | <p>38. 2 It is the only correct assumption. The law is about prohibiting people from spitting. It targets the people of the state. The aim of the law is to stop people from spitting. Whether it is done to make the roads cleaner or not can't be determined. There might be other reasons too. This is why option (4), despite being a probable answer, can be eliminated. Options (1) and (3) are beyond the scope of the paragraph.</p> <p>39. 3 If sewage accounted for x pollution, industrial effluents accounted for 4x. Today the figures have increased to 5x and 8x.</p> <p>40. 2 Evidence shows that the quality of foundation matters. Hence (2).</p> |
|--|---|
-