

Logical Reasoning Question & Answers

1. Vincent has a paper route. Each morning, he delivers 37 newspapers to customers in his neighborhood. It takes Vincent 50 minutes to deliver all the papers. If Vincent is sick or has other plans, his friend Thomas, who lives on the same street, will sometimes deliver the papers for him.

- A. Vincent and Thomas live in the same neighborhood.
- B. It takes Thomas more than 50 minutes to deliver the papers.
- C. It is dark outside when Vincent begins his deliveries.
- D. Thomas would like to have his own paper route.

Answer: Option A

Explanation:

The fact that Vincent and Thomas live on the same street indicates that they live in the same neighborhood. There is no support for any of the other choices.

2. The Pacific yew is an evergreen tree that grows in the Pacific Northwest. The Pacific yew has a fleshy, poisonous fruit. Recently, taxol, a substance found in the bark of the Pacific yew, was discovered to be a promising new anticancer drug.

- A. Taxol is poisonous when taken by healthy people.
- B. Taxol has cured people from various diseases.
- C. People should not eat the fruit of the Pacific yew.

D.The Pacific yew was considered worthless until taxol was discovered.

Answer: Option C

Explanation:

Given the information presented, the only statement that could be considered true is that the fruit should not be eaten because it is poisonous. There is no support that taxol is poisonous or that taxol has cured anyone (choices a and b). There is no support for choice d.

3. Erin is twelve years old. For three years, she has been asking her parents for a dog. Her parents have told her that they believe a dog would not be happy in an apartment, but they have given her permission to have a bird. Erin has not yet decided what kind of bird she would like to have.

A.Erin's parents like birds better than they like dogs.

B.Erin does not like birds.

C.Erin and her parents live in an apartment.

D.Erin and her parents would like to move.

Answer: Option C

Explanation:

Since Erin's parents think a dog would not be happy in an apartment, we can reasonably conclude that the family lives in an apartment. We do not know if Erin's parents dislike dogs (choice a) or if Erin dislikes birds (choice b). There is no support for choice d.

4. Tim's commute never bothered him because there were always seats available on the train and he was able to spend his 40 minutes comfortably reading the newspaper or catching up on paperwork. Ever since the train schedule changed, the train has been extremely crowded, and by the time the doors open at his station, there isn't a seat to be found.

A. Tim would be better off taking the bus to work.

B. Tim's commute is less comfortable since the train schedule changed.

C. Many commuters will complain about the new train schedule.

D. Tim will likely look for a new job closer to home.

Answer: Option B

Explanation:

The passage tells us that Tim's commute didn't bother him because he was always able to sit down and comfortably read or do paperwork. Therefore, it is reasonable to assume that Tim's commute has become less comfortable since the schedule change, because it is very crowded and he can no longer find a seat. There is no information given that supports choices a, c, and d.

5. When they heard news of the hurricane, Maya and Julian decided to change their vacation plans. Instead of traveling to the island beach resort, they booked a room at a fancy new spa in the mountains. Their plans were a bit more expensive, but they'd heard wonderful things about the spa and they were relieved to find availability on such short notice.

A. Maya and Julian take beach vacations every year.

B. The spa is overpriced.

C. It is usually necessary to book at least six months in advance at the spa.

D. Maya and Julian decided to change their vacation plans because of the hurricane.

Answer: Option D

Explanation:

The first sentence makes this statement true. There is no support for choice a. The passage tells us that the spa vacation is more expensive than the island beach resort vacation, but that doesn't necessarily mean that the spa is overpriced; therefore, choice b cannot be supported. And even though the paragraph says that the couple was relieved to find a room on short notice, there is no information to support choice c, which says that it is usually necessary to book at the spa at least six months in advance.

6. Mark is working with a realtor to find a location for the toy store he plans to open in his town. He is looking for a place that is either in, or not too far from, the center of town and one that would attract the right kind of foot traffic. Which of the following locations should Mark's realtor call to his attention?

A. a storefront in a new high-rise building near the train station in the center of town whose occupants are mainly young, childless professionals who use the train to commute to their offices each day.

B. a little shop three blocks away from the town's main street, located across the street from an elementary school and next door to an ice cream store

C. a stand-alone storefront on a quiet residential street ten blocks away from the town's center

D. a storefront in a small strip mall located on the outskirts of town that is also occupied by a pharmacy and a dry cleaner

Answer: Option B

Explanation:

This option is both near the center of town and in a location (near a school and an ice cream store) where children and their parents are sure to be around. This is the only option that meets both of Mark's requirements.

7. The neighborhood block association has received many complaints about people knocking on doors and soliciting money for an unknown charity organization even

though door-to-door solicitation is prohibited by local laws. Three residents have provided descriptions of individuals who have come to their door asking for money.

Solicitor 1 is a white male, 20-25 years old, 5'9", 145 pounds, with very short brown hair. He was wearing a dark blue suit and carrying a brown leather briefcase.

Solicitor 2 is a white male, 25-30 years old, 6'2", 200 pounds, with a shaved-head. He was wearing a red T-shirt and jeans.

Solicitor 3 is a white male, approximately 23 years old, 5'10", slight build, with short brown hair. He was wearing a blue suit.

Three days after the block association meeting, a resident noticed a man knocking on doors in the neighborhood and phoned the police to report the illegal activity. This solicitor was described as follows:

Solicitor 4 is a white male, 22 years old, 140 pounds, about 5'10", with short brown hair. He was carrying a briefcase and wearing a dark suit.

Based on this description, which of the three solicitations was also likely carried out by Solicitor 4?

A.1, 2, and 3

B.1, but not 2 and 3

C.1 and 3, but not 2

D.1 and 2, but not 3

Answer: Option C

Explanation:

The solicitor described as 2 has a shaved head and is much taller and heavier than the solicitors described as 1 and 3. Therefore, choices a and d, which include 2, can be ruled out. Solicitors 1, 3, and 4 have such similar descriptions that the correct answer is clearly choice c.

8. Rita, an accomplished pastry chef who is well known for her artistic and exquisite wedding cakes, opened a bakery one year ago and is surprised that business has been so slow. A consultant she hired to conduct market research has reported that the local population doesn't think of her shop as one they would visit on a daily basis but rather a place they'd visit if they were celebrating a special occasion. Which of the following strategies should Rita employ to increase her daily business?

A.making coupons available that entitle the coupon holder to receive a 25% discount on wedding, anniversary, or birthday cakes

B.exhibiting at the next Bridal Expo and having pieces of one of her wedding cakes available for tasting

C.placing a series of ads in the local newspaper that advertise the wide array of breads

D.moving the bakery to the other side of town

Answer: Option C

Explanation:

This is the only option that would encourage people to think of the bakery as a shop they would visit regularly and not just on special occasions.

9. Dr. Miller has a busy pediatric dentistry practice and she needs a skilled, reliable hygienist to keep things running smoothly. The last two people she hired were recommended by top dentists in the area, but they each lasted less than one month. She is now in desperate need of a hygienist who can competently handle the specific challenges of her practice. Which one of the following candidates should Dr. Miller consider most seriously?

A.Marilyn has been a hygienist for fifteen years, and her current employer, who is about to retire, says she is the best in the business. The clientele she has worked with consists of some of the wealthiest and most powerful citizens in the county.

B.Lindy recently graduated at the top of her class from one of the best dental hygiene programs in the state. Prior to becoming a dental hygienist, Lindy spent two years working in a day care center.

C.James has worked as a dental hygienist for three years in a public health clinic. He is very interested in securing a position in a private dental office.

D.Kathy is an experienced and highly recommended dental hygienist who is also finishing up a degree in early childhood education, which she hopes will get her a job as a preschool teacher. She is eager to find a job in a pediatric practice, since she has always wanted to work with children.

Answer: Option B

Explanation:

The situation described indicates that Dr. Miller's practice presents some specific challenges, namely that it is a busy environment with a child clientele. There is also some indication that even highly recommended, experienced hygienists might not be cut out for Dr. Miller's office. There is nothing to suggest that Marilyn (choice a) or James (choice c) would be a good fit for Dr. Miller's practice. Kathy (choice d) has experience and she is also interested in working with children. However, the fact that she hopes to become a preschool teacher in the not-too-distant future indicates that she might not be the kind of committed, long-term employee that Dr. Miller needs. Lindy (choice b), with her hands-on experience working with children as well as a degree from a prestigious dental

hygiene program, is the most attractive candidate for the position based on the situation described

10. Mrs. Jansen recently moved to Arizona. She wants to fill her new backyard with flowering plants. Although she is an experienced gardener, she isn't very well-versed in what plants will do well in the Arizona climate. Also, there is a big tree in her backyard making for shady conditions and she isn't sure what plants will thrive without much direct sunlight. Her favorite gardening catalog offers several backyard seed packages. Which one should Mrs. Jansen choose?

A. The Rainbow Collection is ideal for North-east gardens. It includes a variety of colorful perennials that thrive in cool, moist conditions.

B. The Greenhouse Collection will blossom year after year if planted in brightly lit locations and watered regularly.

C. The Treehouse Collection will provide lush green plants with delicate colorful flowers that thrive in shady and partially shady locations.

D. The Oasis Collection includes a variety of perennials that thrive in dry climates and bright sunlight.

Answer: Option C

Explanation:

The Treehouse Collection is the only package that can thrive in shady locations.

Choice a requires a Northeastern climate. Choices b and d require bright sunlight.

11. Statement: The Government has decided to levy 2 percent on the tax amount payable for funding drought relief programmes.

Assumptions:

The Government does not have sufficient money to fund drought relief programmes.

The amount collected by way of surcharge may be adequate to fund these drought relief programmes.

- A. Only assumption I is implicit
- B. Only assumption II is implicit
- C. Either I or II is implicit
- D. Neither I nor II is implicit
- E. Both I and II are implicit

Answer: Option E

Explanation:

Since a surcharge has been levied to fund drought relief programmes, it follows that the Government does not have sufficient money for the same. So, I is implicit. Besides, the percentage of surcharge must have been decided after studying the expected inflow in relation to amount of funds required. So, II is also implicit.

12. Statement: Detergents should be used to clean clothes.

Assumptions:

Detergents form more lather.

Detergents help to dislodge grease and dirt.

A. Only assumption I is implicit

B. Only assumption II is implicit

C. Either I or II is implicit

D. Neither I nor II is implicit

E. Both I and II are implicit

Answer: Option B

Explanation:

Nothing is mentioned about lather formation by the detergent. So, I is not implicit.

Also, detergents should be used as they clean clothes better and more easily. So, II is implicit.

13. Statement: It will be a substantial achievement in the field of education if one provides one school for every village in our country and enforces attendance.

Assumptions:

Children in villages do not attend school regularly.

Providing school to every village is desirable.

A. Only assumption I is implicit

B. Only assumption II is implicit

C. Either I or II is implicit

D. Neither I nor II is implicit

E. Both I and II are implicit

Answer: Option E

Explanation:

The statement lays stress on enforcing attendance. This implies that children in villages do not attend school regularly. So, I is implicit. Besides, the statement calls 'one school for every village' a 'substantial achievement'. So, II is also implicit.

14. Statement: The government has decided to disinvest large chunk of its equity in select public sector undertakings for a better fiscal management.

Assumptions:

The amount generated out of the disinvestment process may reduce substantially the mounting fiscal deficits.

There will be enough demand in the market for the shares of these undertakings.

A. Only assumption I is implicit

B. Only assumption II is implicit

C. Either I or II is implicit

D. Neither I nor II is implicit

E. Both I and II are implicit

Answer: Option A

Explanation:

The fact given in I directly follows from the phrase '..... for a better fiscal management' in the statement. So, I is implicit. However, the public response to the new policy cannot be ascertained. So, II is not implicit.

15. Statement: Never before such a lucid book was available on the topic.

Assumptions:

Some other books were available on this topic.

You can write lucid books on very few topics.

A. Only assumption I is implicit

B. Only assumption II is implicit

C. Either I or II is implicit

D. Neither I nor II is implicit

E.Both I and II are implicit

Answer: Option A

Explanation:

It follows from the statement that books on this topic were available before also but they were not 'lucid'. So, I is implicit. But a general comment as II cannot be made from the given statement. So, II is not implicit.

16. Artist is to painting as senator is to

A.attorney

B.law

C.politician

D.constituents

Answer: Option B

Explanation:

An artist makes paintings; a senator makes laws. The answer is not choice a because an attorney does not make laws and a senator is not an attorney. Choice c is incorrect because a senator is not a politician. Constituents (choice d) is also incorrect because a senator serves his or her constituents.

17. Exercise is to gym as eating is to

A.food

B.dieting

C.fitness

D.restaurant

Answer: Option D

Explanation:

A gym is a place where people exercise. A restaurant is a place where people eat. Food (choice a) is not the answer because it is something people eat, not a place or location where they eat. The answer is not choice b or c because neither represents a place where people eat.

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18. Candid is to indirect as honest is to

A.frank

B.wicked

C.truthful

D.untruthful

Answer: Option D

Explanation:

Candid and indirect refer to opposing traits. Honest and untruthful refer to opposing traits. The answer is not choice a because frank means the same thing as candid. Wicked (choice b) is incorrect because even though it refers to a negative trait, it does not mean the opposite of honest. (Choice c) is incorrect because truthful and honest mean the same thing.

19. Guide is to direct as reduce is to

A. decrease

B. maintain

C. increase

D. preserve

Answer: Option A

Explanation:

Guide and direct are synonyms, and reduce and decrease are synonyms. The answer is not choice b or d because neither means the same as reduce. (Choice c) is incorrect because increase is the opposite of reduce.

20. Oar is to rowboat as foot is to

A.running

B.sneaker

C.skateboard

D.jumping

Answer: Option C

Explanation:

An oar puts a rowboat into motion. A foot puts a skateboard into motion. The answer is not choice a because running is not an object that is put into motion by a foot. Sneaker (choice b) is incorrect because it is something worn on a foot. Jumping (choice d) is incorrect because although you do need feet to jump, jumping is not an object that is put into motion by means of a foot.