



## Bonus Chapter 1

# Give It a Try: An LSAT Analytical Reasoning Section

### *In This Chapter*

- ▶ Working through four analytical reasoning problems on your own
- ▶ Tackling some challenging questions

**T**ime for you to take a turn at working Analytical Reasoning problems yourself. I structure this chapter just like an LSAT Analytical Reasoning section — four problems, several questions after each. The answers and explanations are in Bonus Chapter 2. Try working the problems without looking at the explanations. After you play around with the facts and diagrams on your own, the explanations make even more sense.

## *Cats and Dogs and Rodents, Oh My!*

### Questions 1–6

A veterinarian must house eight animals in eight consecutive cages, numbered 1 through 8. She has three dogs: a Dalmatian, a Labrador, and a Malamute; three cats: an Abyssinian, a Burmese, and a calico; and two rodents, a gerbil and a rat. Due to personality conflicts among the animals, the vet must observe the following rules when placing them in cages:

No dog can occupy cage No. 1.

The gerbil must be in the cage immediately ahead of the Malamute's.

The Dalmatian and the Labrador cannot be placed next to one another.

The Labrador must be placed in a cage with a lower number than the Dalmatian's.

The Abyssinian must be placed in a cage with a lower number than the calico's.

The Dalmatian and the Labrador must be separated by the same number of cages as separate the Abyssinian and the calico.

1. Which one of the following is an acceptable placement of the animals, with the first animal being in cage No. 1 and each subsequent animal being placed consecutively up through cage No. 8?
  - (A) Burmese, gerbil, Malamute, Labrador, Dalmatian, rat, Abyssinian, calico
  - (B) gerbil, Malamute, Labrador, Burmese, Dalmatian, Abyssinian, calico, rat
  - (C) Labrador, Abyssinian, Dalmatian, calico, gerbil, Malamute, Burmese, rat
  - (D) Burmese, Malamute, gerbil, Labrador, Abyssinian, Dalmatian, calico, rat
  - (E) Abyssinian, gerbil, Malamute, calico, Labrador, rat, Burmese, Dalmatian



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2. The largest possible number of cages that can separate the Abyssinian from the calico is:
- (A) two
  - (B) three
  - (C) four
  - (D) five
  - (E) six
3. If the vet places the Burmese in cage No. 1, which of the following is a complete and accurate list of the cages that could contain the Dalmatian?
- (A) No. 2, No. 3, No. 4, No. 5
  - (B) No. 3, No. 4, No. 5, No. 7, No. 8
  - (C) No. 4, No. 5, No. 6, No. 7
  - (D) No. 4, No. 5, No. 6, No. 7, No. 8
  - (E) No. 5, No. 6, No. 7, No. 8
4. If the gerbil is placed in cage No. 5, which of the following is a complete and accurate list of the cages in which the vet could place the Labrador?
- (A) No. 1, No. 2, No. 3
  - (B) No. 2, No. 3, No. 4
  - (C) No. 2, No. 3, No. 4, No. 6
  - (D) No. 3, No. 4, No. 6
  - (E) No. 2, No. 3, No. 4, No. 6, No. 7
5. If the vet places the dogs and cats in alternating consecutive cages, starting with a dog, which cage must house a rodent?
- (A) No. 1
  - (B) No. 2
  - (C) No. 4
  - (D) No. 6
  - (E) No. 7
6. The largest possible number of cages that can separate the Labrador from the gerbil is:
- (A) one
  - (B) two
  - (C) three
  - (D) four
  - (E) five



## Demonstrating Montessori-Style

### Questions 7–12

A Montessori preschool is giving a demonstration of the daily activities that comprise its curriculum. Five students are helping with the demonstration: Avari, Campbell, Julia, Will, and Zoe. They will demonstrate five Montessori activities: bean-spooning, letters, numbers, shapes, and yoga. A pair of children will demonstrate each activity, and each child will demonstrate exactly two activities. The following rules apply:

The activities will be performed one after another; either bean-spooning or numbers will be done second.

Avari and Will demonstrate shapes.

Avari and Zoe demonstrate letters.

Campbell and Julia demonstrate bean-spooning.

Campbell and Zoe demonstrate numbers.

Julia and Will demonstrate yoga.

The pair of children demonstrating each activity must include one child who participates in either the preceding or the subsequent activity.

7. Which activity CANNOT be performed first?
- (A) bean-spooning
  - (B) letters
  - (C) numbers
  - (D) shapes
  - (E) yoga
8. If every activity except the last one includes one child who participates in the activity demonstrated immediately after it, then all the following must be false EXCEPT:
- (A) Bean-spooning is demonstrated fifth.
  - (B) Letters are demonstrated first.
  - (C) Numbers are demonstrated fourth.
  - (D) Shapes are demonstrated third.
  - (E) Yoga is demonstrated second.
9. Which child CANNOT participate in both the third and fourth activities?
- (A) Avari
  - (B) Campbell
  - (C) Julia
  - (D) Will
  - (E) Zoe

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10. If bean-spooning is demonstrated third, which of the following must be true?
- (A) Yoga is fourth.
  - (B) Yoga is fifth.
  - (C) Shapes are fourth.
  - (D) Shapes are first.
  - (E) Letters are first.
11. If the fifth activity to be demonstrated is yoga, then which of the following could be true?
- (A) Bean-spooning is demonstrated fourth.
  - (B) Letters are demonstrated first.
  - (C) Letters are demonstrated second.
  - (D) Numbers are demonstrated third.
  - (E) Shapes are demonstrated third.
12. Which of the following could be the order in which the activities are demonstrated?
- (A) letters, numbers, yoga, shapes, bean-spooning
  - (B) bean-spooning, numbers, shapes, letters, yoga
  - (C) bean-spooning, numbers, yoga, shapes, letters
  - (D) yoga, bean-spooning, shapes, numbers, letters
  - (E) numbers, yoga, shapes, letters, bean-spooning

## *Working in a Law Firm*

### Questions 13–19

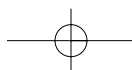
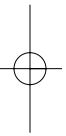
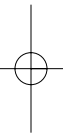
A boutique law firm does work in four areas of law: employment, immigration, real estate, and tax. Four attorneys share the work; their names are Burton, Duway, Cheatham, and Howard. Each attorney specializes in at least one and at most three areas of law. The areas of law are distributed among the attorneys according to the following specifications:

- Duway specializes in anything that is also Cheatham's specialty.
- Burton and Howard do not share any specialties with Cheatham.
- One attorney specializes in tax.
- Two attorneys specialize in employment.
- Two attorneys specialize in real estate.
- Three attorney specialize in immigration.

13. If Duway specializes in two and only two areas of law, which one of the following must be true?
- (A) Burton doesn't specialize in tax.
  - (B) Cheatham doesn't specialize in employment.
  - (C) Duway doesn't specialize in tax.
  - (D) Howard doesn't specialize in employment.
  - (E) Howard doesn't specialize in tax.

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14. Which one of the following must be true?
- (A) Burton specializes in more areas of law than Cheatham.
  - (B) Howard specializes in more areas of law than Duway.
  - (C) Duway specializes in more areas of law than Howard.
  - (D) Duway specializes in more areas of law than Cheatham.
  - (E) Burton specializes in more areas of law than Howard.
15. Each of the following could be a complete and accurate list of the attorneys who specialize in both employment and immigration EXCEPT:
- (A) Duway
  - (B) Burton
  - (C) Burton and Howard
  - (D) Duway and Burton
  - (E) Duway and Howard
16. If Cheatham specializes in exactly two areas of law, then each of the following must be false EXCEPT:
- (A) Duway specializes in tax.
  - (B) Duway specializes in exactly two areas of law.
  - (C) Howard specializes in employment.
  - (D) Howard specializes in tax.
  - (E) Howard specializes in exactly three areas of law.
17. If Burton specializes in exactly three areas of law, which one of the following must be true?
- (A) Burton specializes in employment.
  - (B) Burton specializes in real estate.
  - (C) Burton specializes in tax.
  - (D) Howard specializes in employment.
  - (E) Howard specializes in tax.
18. Which one of the following statements CANNOT be true of the attorney who specializes in tax?
- (A) The attorney also specializes in immigration but does not specialize in real estate.
  - (B) The attorney also specializes in both immigration and real estate.
  - (C) The attorney also specializes in real estate but not in immigration.
  - (D) The attorney also specializes in employment but not in real estate.
  - (E) The attorney specializes in neither employment nor real estate.
19. Each of the following must be false EXCEPT:
- (A) Burton specializes in three areas: employment, immigration, and real estate.
  - (B) Burton specializes in three areas: employment, real estate, and tax.
  - (C) Duway specializes in three areas: employment, immigration, and real estate.
  - (D) Duway specializes in three areas: employment, real estate, and tax.
  - (E) Howard specializes in three areas: employment, real estate, and tax.



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## Planning the Family Vacation

### Questions 20–26

A family has rented a condo in Florida for a week. They check in on Saturday afternoon and check out the following Saturday morning, which leaves them six full days — Sunday through Friday — in which to enjoy themselves. They want to do six different activities, each of which takes a full day. The activities are: fishing, Jet-Skiing, outlet shopping, parasailing, scuba diving, and windsurfing. Due to various health and budgetary constraints, they must observe the following rules when planning their activities:

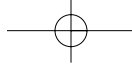
They must go parasailing the day before or the day after they go fishing.

They must go windsurfing before they go parasailing.

They must go Jet-Skiing before they go outlet shopping.

They must go Jet-Skiing after they go fishing.

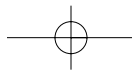
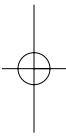
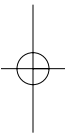
20. Which one of the following must be false?
- (A) They go parasailing the day before or the day after they go Jet-Skiing.
  - (B) They go outlet shopping the day before or the day after they go scuba diving.
  - (C) They go scuba diving the day before or the day after they go windsurfing.
  - (D) They go windsurfing the day before or the day after they go Jet-Skiing.
  - (E) They go windsurfing the day before or the day after they go fishing.
21. Which of the following could be an accurate schedule of the family's activities on Sunday, Monday, and Tuesday?
- (A) outlet shopping, scuba diving, windsurfing
  - (B) scuba diving, fishing, parasailing
  - (C) scuba diving, fishing, windsurfing
  - (D) scuba diving, Jet-Skiing, windsurfing
  - (E) windsurfing, scuba diving, fishing
22. If the family goes Jet-Skiing either the day before or the day after they go parasailing, then each of the following could be true EXCEPT:
- (A) They go fishing on Wednesday.
  - (B) They go outlet shopping on Thursday.
  - (C) They go parasailing on Wednesday.
  - (D) They go windsurfing on Monday.
  - (E) They go scuba diving on Thursday.
23. If there is exactly one day between the day on which the family goes outlet shopping and the day on which they go scuba diving, then for exactly how many days of the week is the day's activity completely determined?
- (A) two
  - (B) three
  - (C) four
  - (D) five
  - (E) six

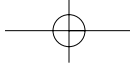


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24. If the family goes parasailing on Wednesday, then for exactly how many days of the week is the day's activity completely determined?
- (A) one
  - (B) two
  - (C) three
  - (D) four
  - (E) five
25. Which activity CANNOT be scheduled for Wednesday?
- (A) fishing
  - (B) Jet-Skiing
  - (C) outlet shopping
  - (D) parasailing
  - (E) scuba diving
26. On which of the following days could the family go Jet-Skiing?
- (A) Sunday
  - (B) Monday
  - (C) Tuesday
  - (D) Wednesday
  - (E) Friday





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