# MANHATTAN
## LSAT

# *The Mixed Quartet Game*

Directions: Each group of questions in this section is based on a set of conditions. In answering some of the questions, it may be useful to draw a rough diagram. Choose the response that most accurately and completely answers each question and blacken the corresponding space on your answer sheet.

Questions 1–6

An ensemble of four musicians—Fetzer, Hawkins, Jlateh, and Koh—performs together using six different instruments: oboe, piano, recorder, trumpet, violin and xylophone. Each of the musicians plays one or more of the instruments, and each instrument is played by at least one of the musicians, in accordance with the following conditions:

    Jlateh is the only musician who plays exactly one instrument.

    The musician who plays the most instruments plays exactly four instruments.

    Fetzer and Hawkins do not play any of the same instruments.

    Fetzer is the only member of the ensemble who plays the trumpet.

    Any musician who plays recorder or piano plays both instruments.

1. Which of the following could be a complete and accurate list of the instruments played by each musician?

    (A)    Fetzer: piano, recorder, trumpet, xylophone; Hawkins: oboe, violin; Jlateh: trumpet; Koh: piano, recorder, violin

    (B)    Fetzer: trumpet, violin, xylophone; Hawkins: oboe, piano, recorder; Jlateh: xylophone; Koh: oboe, violin

    (C)    Fetzer: oboe, trumpet, violin; Hawkins: piano, recorder; Jlateh: violin; Koh: oboe, piano, violin, xylophone

    (D)    Fetzer: piano, recorder, trumpet; Hawkins: oboe, violin, xylophone; Jlateh: violin; Koh: oboe, piano, recorder, violin

    (E)    Fetzer: piano, recorder, trumpet; Hawkins: violin, xylophone; Jlateh: xylophone; Koh: piano, recorder, violin, xylophone

2. If no one else plays any instrument that Jlateh plays, each of the following could be true EXCEPT:

    (A)    Fetzer plays more instruments than Hawkins.
    (B)    Fetzer plays more instruments than Koh.
    (C)    Fetzer and Koh have exactly two instruments in common.
    (D)    Hawkins and Koh both play the xylophone.
    (E)    Koh plays both oboe and violin.

3. If each of the musicians plays a different number of instruments, which of the following would allow the number of instruments played by each musician to be determined?

    (A)    Koh plays four instruments.
    (B)    Jlateh, Hawkins, and Koh all play oboe.
    (C)    Hawkins plays only recorder and piano.
    (D)    Koh plays exactly three instruments.
    (E)    Fetzer plays exactly three instruments.

4. If Fetzer plays piano and oboe, each of the following could be false EXCEPT:

    (A)    Hawkins plays xylophone
    (B)    Jlateh plays xylophone.
    (C)    Koh plays recorder and piano.
    (D)    Koh plays more instruments than Hawkins.
    (E)    Koh plays the same number of instruments as Hawkins.

5. Which of the following CANNOT be true?

    (A)    Hawkins plays the same number of instruments as Jlateh and Koh combined.
    (B)    Oboe, xylophone, and violin are each played by exactly two of the musicians.
    (C)    No other musician plays any of the same instruments as Fetzer.
    (D)    No other musician plays any of the same instruments as Koh.
    (E)    Only one of the musicians plays piano.

6. If one of the instruments is removed, but all other conditions must stay the same, which of the following must be true?

    (A)    All the musicians play a different number of instruments.
    (B)    Koh plays recorder and piano.
    (C)    Three of the musicians play violin.
    (D)    Koh plays exactly one more instrument than Fetzer.
    (E)    Jlateh is the only musician that does not play recorder.

THE MIXED QUARTET GAME (MANHATTAN LSAT)

1. D
2. B
3. E
4. A
5. D
6. B

The questions on the previous page are simulated LSAT questions and are not meant to be used in place of actual LSAT questions. Visit Cambridge LSAT (http://www.cambridgelsat.com) to purchase and download actual LSAT questions.