GRE   8 PDF

SECTION 2 Time30minutes 25 Questions Question 17 In a game, exactly six inverted cups stand side by side in a straight line, and each has exactly one ball hidden under it. The cups are numbered consecutively 1 through 6. Each of the balls is painted a single solid color. The colors of the balls are green, magenta, orange, purple, red, and yellow. The balls have been hidden ynder the cups in a manner that conforms to the folowing conditions: The purple ball must be hidden under a lower-numbered cup than the orange ball. The red ball must be hidden under a cup immediately adjacent to the cup under which the magenta ball is hidden. The green ball must be hidden under cup 5. 1. Which of the following could be color of the balls under the cups, in order from 1 through 6? (A) Green, yellow, magenta, red, purple, orange (B) Magenta, green, purple, red, orange, yellow (C) Magenta, red, purple, yellow, green, orange (D) Red, Purple, magenta, yellow, green, orange (E) Red, purple, magenta, yellow, green, orange 2. If the magenta ball is under cup 4, the red ball must be under cup (A) 1 (B) 2 (C) 3 (D) 4 (E) 5 3. A ball of which of following colors could be under cup 6? (A) Green (B) Magenta (C) Purple (D) Red (E) Yellow 4. If the purple ball is under cup 4, the orange ball must be under cup (A) 1 (B) 2 (C) 3 (D) 5 (E) 6 5. Which of the following must be true? (A) The green ball

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