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https://www.100test.com/kao_ti2020/124/2021_2022_GRE_E5_87_BA_E5_9B_BD_E8_c86_124486.htm

Questions 23-25 refer to the following graphs.

23. The funds distributed in 1992 for youth development were approximately (A) \$38,000 (B) \$170,000 (C) \$380,000 (D) \$450,000 (E) \$1,700,000

24. The increase in the amount of money distributed for family support from 1992 to 1993 was closest to which of the following? (A) \$0 (B) \$24,000 (C) \$40,000 (D) \$60,000 (E) \$94,000

25. If all of the emergency assistance funds in 1993 were distributed among 40 groups, which of the following is closest to the average (arithmetic mean) amount distributed per group? (A) \$10,000 (B) \$11,000 (C) \$12,000 (D) \$13,000 (E) \$14,000

26. The curve above consists of three semicircles: AB, BC, and CD. The diameter of AB is 2, the diameter of BC is twice the diameter of AB, and the diameter of CD is twice the diameter of BC. What is the total length of the curve? (A) 2 (B) 4 (C) 6 (D) 7 (E) 8

27. What is the cost, in cents, of using a certain fax machine to send n pages of a report if the total cost for sending the first k pages is r cents and the cost for sending each additional page is s cents? (Assume that $n > k$.) (A) $rs(n-k)$ (B) $rs(nk)$ (C) $rs(nk)$ (D) $kr s(n-k)$ (E) $kr ns$

28. A rectangular solid has a square base and altitude of 7. If the volume of the solid is 252, then the perimeter of the square base is (A) 9 (B) 24 (C) 28 (D)

36 (E) 49 29. In a series of races , 10 toy cars are raced , 2 cars at a time. If each car must race each of the other cars exactly twice , how many races must be held ? (A) 40 (B) 90 (C) 100 (D) 180 (E) 200 30. $(2 - 2) (2 - 2) =$ (A) 2 (B) 2 (C) 2 (D) 2 (E) 2 100Test 下载频道开通 , 各类考试题目直接下载。详细请访问 www.100test.com