Q. 1. Some three legged tables and four legged tables have a total of 23 legs. If there is more than one table of each type, what is the number of three legged tables?

(1)   3   (2)   5   (3)   6   (4)   7

Q. 2. According to the figure the length of segment AB and segment CD differ by ?

(1)   0.50   (2)   0.25   (3)   1.25   (4)   0.75

Q. 3. If the New Year Day in the year 2015 is a Thursday then how many Saturdays would be there in the year 2016?

(1)   48   (2)   49   (3)   52   (4)   53

Q. 4. Given besides is a square array of 16 dots with 4 rows and 4 columns. The dark dots are on the outside of the square array. If you use 144 dots to form a square array with dark dots on the outside of the array, how many white dots will there be in the array?

(1)   96   (2)   100   (3)   124   (4)   108

Q. 5. The minute hand of the clock shows 9 a.m. on 28th Feb 1972 Which of the following could be the date time and after the minute hand completes 20 full rotations.

(1)   4:00 p.m. of 29th Feb 1972   (2)   5:00 a.m. of 1st March 1972
(3)   5:00 a.m. of 29th Feb 1972   (4)   9:20 a.m. of 29th Feb 1972

Q. 6. 684 employees work in an office building the exact same number of employees work on each floor. Which of the following cannot be the number of floors of the building ?

(1)   12   (2)   9   (3)   19   (4)   17

Q. 7. Squares of side length 1cm each are arranged as shown What is the perimeter of the figure?

(1)   48 cm   (2)   36 cm   (3)   26 cm   (4)   29 cm

Q. 8. A Senior Math Contest began at 6:00 a.m. on a Sunday and ended 1000 minutes later. At what time did the Contest get over?

(1)   10: 40 p.m   (2)   12:30 p.m   (3)   8: 20 p.m   (4)   9:10 p.m

Q. 9. In a park 15 children were playing with either bicycles or tricycles. If the total number of wheels was 37, how many more bicycles were there than tricycles?

(1)   4   (2)   3   (3)   2   (4)   1

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Table of Contents Nengineering Mathematics Exam Papers

1. Understanding the eBook Nengineering Mathematics Exam Papers
    - The Rise of Digital Reading Nengineering Mathematics Exam Papers
    - Advantages of eBooks Over Traditional Books
2. Identifying Nengineering Mathematics Exam Papers
    - Exploring Different Genres
    - Considering Fiction vs. Non-Fiction
    - Determining Your Reading Goals
3. Choosing the Right eBook Platform
    - Popular eBook Platforms
    - Features to Look for in an Nengineering Mathematics Exam Papers
    - User-Friendly Interface
4. Exploring eBook Recommendations from Nengineering Mathematics Exam Papers
    - Personalized Recommendations
    - Nengineering Mathematics Exam Papers User Reviews and Ratings

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