

Statistics Questions Overview

Statistics Questions have a good weightage in the Banking Exam and the type of question asked in Banking exam is similar to the question mentioned below. It has been solved and explained by Gargi.ai Experts and they have tried to elaborate the concept used in Statistics Questions.

Statistics Questions

Direction: Study the following table and answer the questions given below. Number of Tourist who visit different cities by different modes of transport. Cities Car Train Bus Bike By Air Delhi 192 188 172 191 174 Mumbai 180 166 178 187 182 Chandigarh 156 194 163 181 148 Dehradun 132 185 142 170 148 Masuri 149 159 155 149 183 Jaipur 168 163 158 142 174

Question

If the wheel of a bicycle makes 560 revolutions to travel a distance of 1.1 km, what is its radius? (use $\pi = 22/7$)

Difficulty : Moderate

Average Time : 41 Seconds

Options :

1. 31.25 cm
2. 37.75 cm
3. 32.15 cm
4. 11.25 cm
5. None of these

Solution

The correct answer is **option 1** i.e. **31.25 cm**.

$$\text{Perimeter} = (1.1 \times 1000)/560 \text{ m}$$

$$2 \times \frac{22}{7} \times r = (1.1 \times 1000)/560$$

$$r = (1100 \times 7)/(56 \times 22 \times 2) = 5/16 \text{ m} = 31.25 \text{ cm}$$