





**D.K.M. COLLEGE FOR WOMEN (AUTONOMOUS)**  
**APTITUDE TEST**

tiles is:

- a) 350
- c) 460

- b) 450
- d) 470

22. The radius of the wheel of a vehicle is 70 cm. The wheel makes 10 revolutions in 5 seconds. The speed of the vehicle is

- a) 29.46 km/hr
- c) 36.25 km/hr

- b) 31.68 km/hr
- d) 32.72 km/hr

23. If the length of a rectangle is halved and its breadth is tripled, what is the percentage change in its area?

- a) 25% increase
- c) 50% decrease

- b) 25% decrease
- d) 50% increase

24. Find the surface area of a 10 cm × 4 cm × 3 cm brick

- a) 128 sq. cm
- c) 194 sq. cm

- b) 164 sq. cm
- d) 208 sq. cm

25. A hollow iron pipe is 21 cm long and its external diameter is 8 cm. If the thickness of the pipe is 1 cm and iron weighs 8 g/cm<sup>3</sup>, then the weight of the pipe is:

- a) 3.6 kg
- c) 36 kg

- b) 3.696 kg
- d) 36.9 kg