

Mathematics - FSC Part 1 Mathematics Short Questions Chapter 9 Preparation

Q1.
Ans 1:
Q2.
Ans 1:
Q3.
Ans 1:
Q4.
Ans 1:
Q5. What is a degree ?
Ans 1: If a unit circle is divided into 360 equal parts then the angle subtended by such one part at the center of the circle is called one degree. It is denoted by 1°, 1rev = 360°
Q6.
Ans 1:
Q7. What is a radian ?
Ans 1: An angle subtended at the center of the circle by an arc of length equal to the radius of the circle is called radian.
Q8.
Ans 1:
Q9. What are fundamental identities in trigonometry?

i. $\sin^2\Theta + \cos^2\Theta = 1$ ii. $1 + \tan^2\Theta = \sec^2\Theta$ iii. $1 + \cot^2\Theta = \csc^2\Theta$			
Q10.			
Ans 1:			

Ans 1: For any real number Θ , there are three fundamental identities: