

11. a. (i) Determine if the following numbers are divisible by 8
(a) 648 (b) 1,024 CO2 K2
(ii) Find whether the following numbers are divisible by 11
(a) 5,874 (b) 27,423 CO2 K3
(or)
11. b. 20 painters can paint 2400 square meters in 8 days, working 4 hours per day. How many painters would be required to paint 3600 square meters in 6 days, working 6 hours per day? CO2 K3
12. a. A train traveling at a speed of 36 km/hr takes 15 seconds to cross a bridge. What is the length of the bridge (in meters)? CO3 K1
(or)
12. b. (i) A person invests ₹12,000 at a rate of 10% per annum for 3 years. CO3 K4
a) Calculate the simple interest earned.
b) Find the total amount received at the end of 3 years.
(ii) A sum of ₹8,000 is invested at an annual interest rate of 8% compounded annually. CO3 K4
Calculate the compound interest earned after 2 years

No. of Copies : BSc SF Campus 2 (30), BSc CS Campus 1 (55) Total - 85
Staff in-charge: Dr. G. Sudhamathy, Mrs.Sangeetha Priya

93