UCCC & SPBCBA & SDHG COLLEGE OF BCA & I.T

CLASS: T.Y.B.C.A. (SEM – 6th)

Academic Year: 2025-26

Subject: CC- FOUNDATION COURSE FOR COMPETITIVE EXAMS

Assignment

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1. Explain **Time, Speed and Distance** problems with illustrations.
2. Solve the following questions:

(a) The ratio of boys to girls in a class is 3:2. If there are 30 boys, find the number of girls.

(b) Find the simple interest on ₹5000 at 8% per annum for 2 years.

(c) A train covers a distance of 360 km at a speed of 60 km/hr. Find the time taken.

(d) Find the missing number:
2, 6, 12, 20, ?

(e) If APPLE is coded as BQQMF, how is GRAPE coded