

Goa Vidyaprasarak Mandals
GOPAL GOVIND POY RAITURCAR COLLEGE OF COMMERCE
AND ECONOMICS, PONDA GOA
B.COM. (SEMESTER-II) ISA I EXAMINATION
Commercial Arithmetic

Duration:30

Minutes Marks:10

1 Answer the following.

1. Find the distance between the points A (3,-1) and B(5,2). 1
2. Find the co-ordinates of point P which divides line joining A(-3,4) and B(2,4) internally in the ratio 2:3. 2
3. Find the slope of segment MN if M(2,3) and N(5,9). 1
4. Write the equation of line passing through point P(4,5) having slope -2. 2
5. For $A = \{1, 2, 3\}$ and $B = \{a, b, c\}$, write the cartesian product $A \times B$. 1
6. Find the slope of segment MN if M(2,3) and N(5,9). 1
7. Write the domain of function $f(x) = 5x + 2$, for $0 \leq x \leq 2$. 1
8. If $f(x) = x^2 + 9$, $1 \leq x \leq 3$ then find $f(2)$ and $f(5)$ if they exist. 1

End