

MAHESHTALA COLLEGE

INTERNAL EXAM: 2021

SEM 4

MATHEMATICS GENERAL

PAPER : GE 4

DATE:8/7/21

TIME: 10AM

ANSWER ALL

(5*2 =10)

1. In the group of real numbers under addition the identity element is
a) 1 b) 0 c) $\frac{1}{2}$ d) none
- 2) if (2,3) and (k, 9) are linearly independent then k= a) 2 b) 4 c) 6 d) none
- 3) If a coin is thrown 2 times then probability of getting atleast one head is
a) $\frac{1}{2}$ b) $\frac{3}{4}$ c) $\frac{1}{4}$ d) none
- 4) probability of getting 53 Sundays in a leap year is a) $\frac{1}{7}$ b) $\frac{2}{7}$ c) $\frac{3}{7}$ d) $\frac{4}{7}$
- 5) express the number 24 in binary system.