



ST. LAWRENCE HIGH SCHOOL

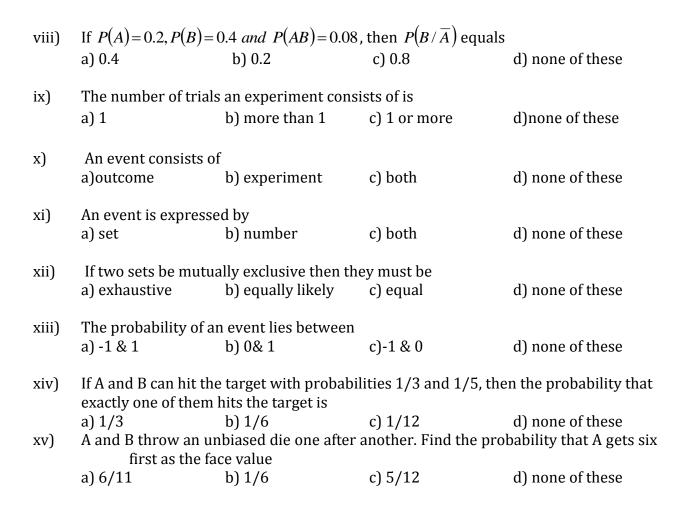
A JESUIT CHRISTIAN MINORITY INSTITUTION

WORKSHEET-31

SUBJECT - STATISTICS

<u>Term : Final</u>

Topic - Probability Full Marks: 15		Class: XI	Date:16 .01. 2021	
Q1.	Select the correct alternative of the following questions.			
i)	Probability is a a) measure	b) concept	c)attribute	d) none of these
ii)	If the sets A and B ar a) S	e mutually exhaustiv (b)Ø	re then P(A∩B) is c)0	d) none of these
iii)	If the sets A and B ar a) S	e mutually exclusive (b)Ø	then $P(A \cap B)$ is $c)0$	d) none of these
iv)	If the sets A and B ar a) 1	e mutually exhaustiv b)Ø	re then P(A∪B) is c)0	d) none of these
v)	If A_1, A_2, A_3 are mutually exclusive, mutually independent and exhaustive, then the probability that A_1, A_2, A_3 occur simultaneously is			
	a) $\frac{1}{3}$	b) 0	c) 1	d) none of these
vi)	The probability of gean a) $\frac{1}{9}$	etting 9 dots with two b) $\frac{1}{6}$	o unbiased dice is c) $\frac{1}{18}$	d) none of these
vii)	If A_1, A_2, A_3 are equally likely, exhaustive and mutually exclusive, then $P(A_1)$ equals			
	a) 1	b) 0	c) $\frac{1}{2}$	d) $\frac{1}{2}$



Prepared by SANJAY BHATTACHARYA