



SOLUTION OF WORKSHEET- 25

SUBJECT - STATISTICS

Term : 2nd

Topic – Probability Full Marks: 15

Class: XI Date:07 .11. 2020

Q1. Select the correct alternative of the following questions.

(i)	If the sets A a (a) S	nd B are mutually excl (b)Ø	usive then (A∩B) is (c)0	(d) none of these
(ii)	If the sets A a (a) S	nd B are mutually exh (b)Ø	austive then (A∩B) is (c)0	(d) none of these
(iii)	If the sets A a (a) S	nd B are mutually excl (b)Ø	usive then (AUB) is (c)0	(d) none of these
(iv)	If the sets A a (a) S	nd B are mutually exh (b)Ø	austive then (AUB) is (c)0	(d) none of these
(v)	If the sets A a (a) S	nd B are equally likely (b)Ø	then (AUB) is (c)0	(d) none of these
(vi)	If the sets A a (a) S	nd B are equally likely (b)Ø	then (A∩B) is (c)0	(d) none of these
(vii)	If the sets A a (a) n(A)=0	nd B are equally likely (b) n(B)=0	then (c)n(A)=n(B)	(d) none of these
(viii)	The sample sp (a) most	bace consists of (*) pos (b) least	ssible outcomes of an o (c) all	experiment. (*) is (d) none of these

(ix)	The number of trials an experiment consists of is					
	(a) 1	(b) more than 1	(c) 1 or more	(d)none of these		
(x)	An event con (a) outcome	sists of (b) experiment	(c) both	(d) none of these		
(xi)	An event is ex (a) a set	pressed by (b) number	(c) both	(d) none of these		
(xii)	If two sets be (a) exhaustive	e mutually exclusive the e (b) equally likely	en they must be (c) equal	(d) none of these		
(xiii)	If two sets are (a) null sets	e exhaustive then they (b) equally likely	must be (c) equal	(d) none of these		
(xiv)	If both the set (a) exhaustive	ts are null sets then the (b) equally likely	ose are (c) mutually exclusive	(d) none of these		
(xv)	The sets A and (a) exhaustive	d <i>A^c</i> are e (b) equally likely	(c) mutually exclusive	(d) none of these		

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