SARDAR PATEL UNIVERSITY

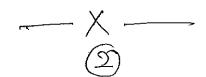
B. Sc. (3rd Semester) Examination - 2018 US03CINS01 (Measurements and Indicators)

Day and Date: Tuesday, 20/11/2018

Time: 02:00 pm to 05:00 pm

Maximum Marks: 70

Que 1	Objective Type Questions.		[10]
1	The sensitivity of voltmeter is defined as		
	a) Ι/Ω	b) Ω/I	
	e) Ω/V	d) V/Ω	
2	The transistor voltmeter (TVM) is used to measure		
	a) DC μV	b) AC μV	
	c) DC mV	d) AC mV	
3	A diode used as rectifier in AC voltmeter should have		
	 a) High forward current and high reverse current 	 b) Low forward current and high reverse current 	
	c) Low forward current and low reverse current	 d) High forward current and low reverse current 	
4	The internal resistance of an ohmmeter can be		
	a) 0 deflection	b) Full scale deflection	
	c) Quarter deflection	d) Half scale deflection	
5	The field strength meter is used to measure _		
	a) Radiation intensity	b) Voltage	
	c) Frequency	d) Current	
6	The stroboscope is used to measure		
	a) Speed	b) Current	
	c) Voltage	d) Temperature	
7	A D' Arsonval movement is		
	a) Taut band	b) PMMC	
	c) Electrodynamometer	d) Moving iron type	
8	A PMMC uses		
	a) Taut band	b) Moving coil	
	c) Electrodynamometer	d) Moving iron type	
9	A taut band movement uses a/an		
	a) Ribbon	b) Moving coil	
	c) Moving iron type	d) Electrodynamometer	
10	To select the range, a multirange ammeter uses a		
	 a) Make before break type switch 	b) Double pole double throw switch	ı
	c) Single pole double throw switch	d) Simple switch	



Explain RX meter in detail.

[B]

[05]