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CB	DVII	No
J.D.	IVOII.	INO

		MEDICAL ELECTRONIC 6 th Exam/ECE/4616/Dec		
		(For 2018 Batch Onward	ds)	
Duratio	on: 3Hrs.		M.Marks:75	
		SECTION-A		
Q1. Do	as directed.		15x1=15	
a.	EMG			
b.	Bio-electrode			
C.	Pacemaker		/ </th <th></th>	
d.	Accuracy			
e.	Heart Rate			
f.	MRI Stands for			
g.	A Sphygmomanometer is a devic	e used to measure	·	
	EEG stands for			
i.	The average heartbeat of an adu	It human being is	times per minute.	
j.	Electrical accidents are caused du	ue to interaction of electi	ric current with the	
k.	Diastolic pressure is the minimur	n pressure in the arteries	s.(T/F)	
L.	Bio electric potentials are ionic in	n nature. (T/F).		
	The resistance of the thermistor			
	Anatomy is a study regarding the			
0.	Name the electrode used for reco	ording ECG.		
		SECTION-B		
	tempt any six questions.		6x5=30	
	What are Pressure Transducers?			
ii.	What are the various safety aspe		ts?	
iii.				
iv.				
V.				
vi.	3			
	Discuss types of temperature tra			
viii.	What is a defibrillator? Why it is	used?		
		SECTION-C	0.40.00	
	tempt any three questions.		3x10=30	
a.	. 3 3	•	spiratory system of a Human body.	
b.	Discuss about the different type			
	What is EEG machine? Draw and			
d.	•	and Respiration rate me	asurement with reference to patient	
_	monitoring system.			
e.	Write Short note on any two:			
	i. Micro-current shock			
	ii. Electrode tissue interface			
	iii. Safety standards			