

Q.P. Code 21272
 (01)

Paper Solution

T.E Sem V BMI - I (CBSGS)

1.	(a)	Infrared gas analyser - diagram	03
		Infrared gas analyser – explanation	02
	(b)	pO ₂ electrode - diagram	03
		pO ₂ electrode - explanation	02
	(c)	Significance of heart lung machine	02
		Utility of heart lung machine	03
	(d)	Concept of masking in Audiometry	05
2.	(a)	Picoscale – diagram	05
		Picoscale – explanation and typical specifications	05
	(b)	Different techniques of ELISA - diagram & explanation	08
		Applications of ELISA	02
3.	(a)	Evoked response audiometry – block diagram	05
		Evoked response audiometry – explanation	05
	(b)	Ultrasonic method for blood flow measurement - diagram	05
		Ultrasonic method for blood flow measurement - explanation	05
4.	(a)	Complete Blood Gas Analyser – block diagram	05
		Complete Blood Gas Analyser – explanation	05
	(b)	Various modes of ventilator.	10
5.	(a)	Autoanalyzer – block diagram	05
		Autoanalyzer – explanation	05
	(b)	Protein separation using electrophoresis - diagram	04
		Protein separation using electrophoresis – explanation	06
6.	(a)	Skin reflectance oximeter - diagram	03
		Skin reflectance oximeter - explanation	02
	(b)	What is a pneumotachometer	02
		Description on any two types of pneumotachometer	02
	(c)	Chromatography diagram	03
		Explanation	02
	(d)	What is cardiac output measurement	02
		Dye dilution method – description	03
	(e)	Oxygenators in heart lung machine – description on any two oxygenators	05