



<b>Q-5</b>	<b>Attempt all questions</b>	<b>(14)</b>
a)	Differentiate Hot air oven and autoclave with diagram and working principle.	7
b)	What is the working principle of Dark field microscope explain with diagram?	7
<b>Q-6</b>	<b>Attempt all questions</b>	<b>(14)</b>
	Discuss in detail about Electron microscopic techniques.	<b>14</b>
<b>Q-7</b>	<b>Attempt all questions</b>	<b>(14)</b>
a)	Enlist differences between SEM (Scanning Electron Microscopy) and TEM (Transmission Electron Microscopy).	7
b)	Describe various types of antibodies in brief.	7
<b>Q-8</b>	<b>Attempt all questions</b>	<b>(14)</b>
a)	Discuss different microbial interactions and use of microorganisms as pesticides.	7
b)	Briefly discuss primary immune response.	7

