



<b>Q-5</b>	<b>Attempt all questions</b>	<b>(14)</b>
1	Classify hypersensitivity. Describe type – 1 hypersensitivity reaction.	7
2	Describe characteristics of an antigen in detail.	7
<b>Q-6</b>	<b>Attempt all questions</b>	<b>(14)</b>
1	Describe principle, types and uses of ELISA.	7
2	Describe the principle and applications of flow cytometry.	7
<b>Q-7</b>	<b>Attempt all questions</b>	<b>(14)</b>
1	Describe mechanism of autoimmunity with suitable examples.	7
2	What is combined immunodeficiency? Describe SCID in detail.	7
<b>Q-8</b>	<b>Attempt all questions</b>	<b>(14)</b>
1	Describe endocytic pathway of antigen processing and presentation.	7
2	Describe development and maturation of T cell in thymus.	7

