

Code No: RR322305

RR

Set No. 2

III B.Tech II Semester Examinations, December 2010

IMMUNOLOGY

Bio-Technology

Time: 3 hours

Max Marks: 80

Answer any FIVE Questions  
All Questions carry equal marks

\*\*\*\*\*

1. Explain the blood transfusion mechanism in detail? [16]
2. Describe the cancer therapy in detail? [16]
3. (a) Describe in brief about the Human MHC class I genes and explain about their functions.  
(b) Describe in brief about Human MHC class II genes and explain about their role. [8+8]
4. Give an account on the various cells involved in the process of phagocytosis and Explain about their role in immunity. [16]
5. Write a short notes on :  
(a) IgM.  
(b) IgD.  
(c) L chain and H chain.  
(d) IgE. [4+4+4+4]
6. Define macrophages and discuss their process of activation? [16]
7. What is meant by Immunity? Explain in detail about the classification of Immunity. [16]
8. Explain the process of formation and selection of hybrid cells? [16]

\*\*\*\*\*

Code No: RR322305

RR

Set No. 4

III B.Tech II Semester Examinations, December 2010

IMMUNOLOGY

Bio-Technology

Time: 3 hours

Max Marks: 80

Answer any FIVE Questions  
All Questions carry equal marks

\*\*\*\*\*

1. Describe the cancer therapy in detail? [16]
2. Write a short notes on :
  - (a) IgM.
  - (b) IgD.
  - (c) L chain and H chain.
  - (d) IgE. [4+4+4+4]
3. Explain the blood transfusion mechanism in detail? [16]
4. Give an account on the various cells involved in the process of phagocytosis and Explain about their role in immunity. [16]
5. What is meant by Immunity? Explain in detail about the classification of Immunity. [16]
6. Define macrophages and discuss their process of activation? [16]
7. Explain the process of formation and selection of hybrid cells? [16]
8. (a) Describe in brief about the Human MHC class I genes and explain about their functions.  
(b) Describe in brief about Human MHC class II genes and explain about their role. [8+8]

\*\*\*\*\*

Code No: RR322305

RR

Set No. 1

III B.Tech II Semester Examinations, December 2010

IMMUNOLOGY

Bio-Technology

Time: 3 hours

Max Marks: 80

Answer any FIVE Questions  
All Questions carry equal marks

\*\*\*\*\*

1. Explain the process of formation and selection of hybrid cells? [16]
2. Write a short notes on :
  - (a) IgM.
  - (b) IgD.
  - (c) L chain and H chain.
  - (d) IgE. [4+4+4+4]
3. Describe the cancer therapy in detail? [16]
4. Give an account on the various cells involved in the process of phagocytosis and Explain about their role in immunity. [16]
5. Define macrophages and discuss their process of activation? [16]
6. What is meant by Immunity? Explain in detail about the classification of Immunity. [16]
7. (a) Describe in brief about the Human MHC class I genes and explain about their functions.  
(b) Describe in brief about Human MHC class II genes and explain about their role. [8+8]
8. Explain the blood transfusion mechanism in detail? [16]

\*\*\*\*\*

Code No: RR322305

RR

Set No. 3

III B.Tech II Semester Examinations, December 2010

IMMUNOLOGY

Bio-Technology

Time: 3 hours

Max Marks: 80

Answer any FIVE Questions  
All Questions carry equal marks

\*\*\*\*\*

1. Define macrophages and discuss their process of activation? [16]
2. Write a short notes on :
  - (a) IgM.
  - (b) IgD.
  - (c) L chain and H chain.
  - (d) IgE. [4+4+4+4]
3. Explain the blood transfusion mechanism in detail? [16]
4. What is meant by Immunity? Explain in detail about the classification of Immunity. [16]
5. (a) Describe in brief about the Human MHC class I genes and explain about their functions.  
(b) Describe in brief about Human MHC class II genes and explain about their role. [8+8]
6. Describe the cancer therapy in detail? [16]
7. Give an account on the various cells involved in the process of phagocytosis and Explain about their role in immunity. [16]
8. Explain the process of formation and selection of hybrid cells? [16]

\*\*\*\*\*