

Code.No: 07A32305

R07

SET-1

II B.TECH – I SEM EXAMINATIONS, NOVEMBER - 2010
MICROBIOLOGY
(BIO-TECHNOLOGY)

Time: 3hours

Max.Marks:80

Answer any FIVE questions
All questions carry equal marks

- - -

1. What is microbiology? Explain the scope and relevance of microbiology? [16]
2. Explain about classification systems of microorganisms? [16]
3. Explain the classification of animal and plant viruses? Describe applications of bacterial viruses in Biotech industry? [16]
4. Describe the replication of bacterial viruses? [16]
5. Explain the assays for bacterial and animal viruses? [16]
6. Describe various cultivation techniques of microorganisms? Explain the role of growth factors in microbial cultivation? [16]
7. Explain various biochemical tests for microorganisms and colony characterization? [16]
8. Describe about pathological microorganisms? [16]

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SET-2

II B.TECH – I SEM EXAMINATIONS, NOVEMBER - 2010
MICROBIOLOGY
(BIO-TECHNOLOGY)

Time: 3hours

Max.Marks:80

Answer any FIVE questions
All questions carry equal marks

- - -

1. Explain the classification of animal and plant viruses? Describe applications of bacterial viruses in Biotech industry? [16]
2. Describe the replication of bacterial viruses? [16]
3. Explain the assays for bacterial and animal viruses? [16]
4. Describe various cultivation techniques of microorganisms? Explain the role of growth factors in microbial cultivation? [16]
5. Explain various biochemical tests for microorganisms and colony characterization? [16]
6. Describe about pathological microorganisms? [16]
7. What is microbiology? Explain the scope and relevance of microbiology? [16]
8. Explain about classification systems of microorganisms? [16]

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SET-3

II B.TECH – I SEM EXAMINATIONS, NOVEMBER - 2010
MICROBIOLOGY
(BIO-TECHNOLOGY)

Time: 3hours

Max.Marks:80

Answer any FIVE questions
All questions carry equal marks

1. Explain the assays for bacterial and animal viruses? [16]
2. Describe various cultivation techniques of microorganisms? Explain the role of growth factors in microbial cultivation? [16]
3. Explain various biochemical tests for microorganisms and colony characterization? [16]
4. Describe about pathological microorganisms? [16]
5. What is microbiology? Explain the scope and relevance of microbiology? [16]
6. Explain about classification systems of microorganisms? [16]
7. Explain the classification of animal and plant viruses? Describe applications of bacterial viruses in Biotech industry? [16]
8. Describe the replication of bacterial viruses? [16]

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SET-4

II B.TECH – I SEM EXAMINATIONS, NOVEMBER - 2010
MICROBIOLOGY
(BIO-TECHNOLOGY)

Time: 3hours

Max.Marks:80

Answer any FIVE questions
All questions carry equal marks

1. Explain various biochemical tests for microorganisms and colony characterization? [16]
2. Describe about pathological microorganisms? [16]
3. What is microbiology? Explain the scope and relevance of microbiology? [16]
4. Explain about classification systems of microorganisms? [16]
5. Explain the classification of animal and plant viruses? Describe applications of bacterial viruses in Biotech industry? [16]
6. Describe the replication of bacterial viruses? [16]
7. Explain the assays for bacterial and animal viruses? [16]
8. Describe various cultivation techniques of microorganisms? Explain the role of growth factors in microbial cultivation? [16]
