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|----------------------------------------|-------------------------------|
| <b>IMS ENGINEERING COLLEGE</b>         | <b>IMSEC/QF/48</b>            |
| <b>FORMATS</b>                         | <b>Page 1 of 1</b>            |
|                                        | <b>Issue No: 02</b>           |
| <b>Tutorials/ Assignments/ Quizzes</b> | <b>Issue Date: 1 May 2010</b> |
| <b>Prepared by: MR</b>                 | <b>Approved by: Director</b>  |

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|--------------------|-------------------------------|--------------|----------------|
| Subject Name       | <b>Bio separation and DSP</b> | Subject Code | <b>NBT-701</b> |
| Date of Handout    | <b>22.08.18</b>               | Max Marks    | <b>1</b>       |
| Date of Submission | <b>27.08.18</b>               |              |                |

## Assignment-1

1. Explain the RIPP scheme using appropriate example including problems and requirement of bioproduct purification.
2. Write concise notes on characteristics of fermentation broth.
3. Wite the importance of bioseparation in biotechnological processes.

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|--------------------------------------------|-------------|-------------|----|----|----|----|----|
| Course Outcome and Question Mapping Matrix |             |             |    |    |    |    |    |
| Question Number                            |             |             |    |    |    |    |    |
| Q1                                         | Q2          | Q3          | Q4 | Q5 | Q6 | Q7 | Q8 |
| <b>CO-1</b>                                | <b>CO-1</b> | <b>CO-1</b> |    |    |    |    |    |