

IMS ENGINEERING COLLEGE		IMSEC/QF/48
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Tutorials/ Assignments/ Quizzes		Issue No: 02
Prepared by: MR		Issue Date: 1 May 2010
Subject Name Bioseparation and Down Stream Process	Approved by: Director	
Date of Handout 16/11/2017	Subject Code NBT-701	
Date of Submission 21/11/2017	Max Marks	
	Rashmi Chandra	

Assignment No (7)

- 1) Discuss briefly the recovery process of insulin hormone.
- 2) Writ the note on downstream processing of Vitamin B-12.
- 3) Mention the steps involved in DSP of hepatitis B vaccine.
- 4) Write note on advantage of freeze drying.
- 5) How crystallization different from precipitation.

For Office Use only				
Course Outcome and Question Mapping Matrix				
Question Number				
Q1	Q2	Q3	Q4	Q5
6	6	6	5	5