

K-18/2110

Title of the paper: Commercial Biotechnology - XII (Sem-III) 7502/N

Time Allowed 3 Hrs

Maximum Marks 75

Serial No.	The candidates are required to attempt two question each from Section A, and B of the question paper and the entire Section -C.	Marks
	SECTION-A	
Q.No.1	i) Discuss about the scope of Biotechnology in India.	8
	ii) Write note on the role of PSCST in development of Biotechnology.	7
Q.No.2	i) Discuss in detail the about the biosafety guidelines and their significance.	10
	ii) Write a note on the IGMORIS.	5
Q.No.3	i) Write in detail about the patentability criteria for biological processes and products in India along with suitable case study.	10
	ii) Write note on the Patent cooperation treaty	5
	SECTION-B	
Q.No.4	What do you understand by six-sigma concept? Explain its role and importance of Total Quality Management in industry.	15
Q.No.5	i) Write a detailed note on significance of cost and economics of quality in industry.	10
	ii) What do you understand by competitive benchmarking?	5
Q.No.6	i) What do you understand by ISO? Write in detail about the organization, its functioning and importance of certification to the industry.	10
	ii) Write note on the problem solving tools and quality management.	5

PTO ✓

K-18/2110

7502/N

SHEET NO. 2

SECTION-C

Q.No.7	i). What is intellectual property? ii). What do you understand by WIPO? iii). What are trade secrets? iv). What do you understand by patent specifications? v). What are patent claims? vi). What are the major benefits of TQM? vii). What is Zero Defect? viii). What are the four categories of quality costs? ix). What do you understand by ISO auditing? x). How do you avoid copyright issues?	(10×1.5)
--------	--	----------