

PANJAB UNIVERSITY

Notification No. B.E. (Bio-Technology) 4th Sem./2018-M/1

Result of the B.E. (Bio-Technology) 4th Semester Examination May, 2018

Result of each candidate is notified as shown in the column of "SGPA" means Semester Grade Point Average and "CGPA" means Cumulative Grade Point Average.

ABBREVIATIONS	STAND FOR
"R.L.A"	Result Later Due to non-receipt of Awards.
"DMD"	Detailed Marks Card Detained as the candidate is fee defaulter up to Rs. 250.00 amount due is shown against each Roll No.
'RL'	Result Later due to other reasons.
"RL Fee"	Result Later due to non-adjustment of fee account. Amount due is shown against each Roll No.

SYLLABUS (2017-2018)					
THEORY PAPER		PRACTICAL PAPER		MAXIMUM CREDITS	
Sub-Code	Subject Name	Sub-Code	Subject Name	Regular/Re-appear Candidates	
BIO-411	Molecular Biology	BIO-461	Molecular Biology	1 st to 3 rd Semester	77
BIO-412	Thermodynamics	BIO-463	Chemical Reaction Engineering	4 th Semester	24
BIO-413	Chemical Reaction Engineering	BIO-464	Industrial Biotechnology	Total	101
BIO-414	Industrial Biotechnology	BIO-465	Immunology & Immuno-technology	Maximum Grade	
BIO-415	Immunology & Immuno-technology	BIO-416	Educational Tour	SGPA	10
				CGPA	10
SYLLABUS (2014-2015, 2015-2016, 2016-2017)					
THEORY PAPER		PRACTICAL PAPER		MAXIMUM CREDITS	
Sub-Code	Subject Name	Sub-Code	Subject Name	Regular/Re-appear Candidates	
BIO-411	Molecular Biology	BIO-461	Molecular Biology	1 st to 3 rd Semester	75 / 69
BIO-412	Thermodynamics	BIO-463	Chemical Reaction Engineering	4 th Semester	24 / 24
BIO-413	Chemical Reaction Engineering	BIO-464	Industrial Biotechnology	Total	99 / 93
BIO-414	Industrial Biotechnology	BIO-465	Immunology & Immuno-technology	Maximum Grade	
BIO-415	Immunology & Immuno-technology	BIO-416	Educational Tour	SGPA	10
				CGPA	10
SYLLABUS (2013-2014)					
THEORY PAPER		PRACTICAL PAPER		MAXIMUM CREDITS	
Sub-Code	Subject Name	Sub-Code	Subject Name	Re-appear Candidates	
BIO 401	Concepts in Bio-Technology-II	BIO 401	Concepts in Bio-Technology-II	1 st to 3 rd Semester	79
BIO 402	Process Thermodynamics	BIO 403	Chemical Reaction Engineering	4 th Semester	28
BIO 403	Chemical Reaction Engineering	BIO 404	Industrial Microbiology	Total	107
BIO 404	Industrial Microbiology	BIO 405	Immunology and Immuno-technology	Maximum Grade	
BIO 405	Immunology and Immuno-technology			SGPA	10
BIO 406	Legal Laws and IPR			CGPA	10

Notes: (i) The SGPA is being declared of those pass candidates who have not cleared their lower semesters CGPA will be declared when they cleared their lower semester examinations.

