

B.SC Bio-informatics/Bio-tech.

PANJAB UNIVERSITY, CHANDIGARH

DATE- SHEET FOR THE /B.SC. (BIOINFORMATICS/BIOTECHNOLOGY) 1ST, 2ND AND 3RD YEAR (FOR FULL SUBJECTS/ ADDITIONAL SUBJECTS/ IMPROVEMENT OF PERFORMANCE/ MERCY CHANCE/ ADDITIONAL CHANCE CANDIDATES) EXAMINATION COMMENCING W.E.F. 3RD APRIL, 2012

(THEORY EXAMINATIONS)

(The candidates must be on their seats at 9.00 a.m. and 2.00 p.m. sharp as per date-sheet below. The answer-books with Optical Mark Reader (OMR) front covers will be distributed at 9.00 a.m. and 2.00 p.m. 15 minutes time in the beginning of each paper is budgeted for filling up the OMR Sheets properly under the instructions and supervision of invigilators. The question paper will be distributed at 9.15 a.m. and 2.15 p.m. sharp and the examination will continue till 12.15 p.m. and 5.15 p.m.).

Date & Day	B.Sc. 1 st Year 9.15 a.m. to 12.15 p.m. Exam. Code 130(Bio-inf.) Exam. Code 133(Bio-tech.)	B.Sc. 3 rd Year 9.15 a.m. to 12.15 p.m. Exam. Code 132(Bio-inf.) Exam. Code 135(Bio-tech.)	B.Sc. 2 nd Year 2.15 p.m. to 5.15 p.m. Exam. Code 131(Bio-inf.) Exam. Code 134(Bio-tech.)
	<u>MORNING</u>		<u>EVENING</u>
APRIL, 2012 3 rd , Tuesday	BIOT-101: English (1001) (Same for Bio-informatics)	--	--
4 th , Wednesday	--	--	BIOT-201: Biochemistry (1026) BIN-2001: Fundamentals of Molecular Biology & Genetic Engineering. (1035)
7 th , Saturday	ENVIRONMENT EDUCATION (0005) (SAME FOR B.A./B.SC. 3rd YEAR) <u>9.15 a.m. to 10.15 a.m</u>	ENVIRONMENT EDUCATION(0005) (SAME FOR B.A./B.SC. 1st YEAR) <u>9.15 a.m. to 10.15 a.m</u> Note: This is a compulsory qualifying paper, which the students have to study in the B.A. /B.Sc. 1 st Year. The students are required to qualify this paper either in 1 st year or 2 nd year or 3 rd year examination	Environmental Education (Common with B.A./B.Sc. 2 nd Year (0353) <u>2.15 P.M. to 3.15 P.M.</u> Note: This is a compulsory qualifying paper, which the students have to study in the B.Com. 1 st Year. The students are required to qualify this paper either in 1 st year or 2 nd year or 3 rd year examination.
9 th , Monday	--	BIOT-301: rDNA technology (1046) BIN - 3001: Introduction to PERL Programming (1055)	--
10 th , Tuesday	1. BIOT-102: Punjabi (1002) (Same for Bio-informatics) 2. History & Culture of Punjab (from 1200 to 1849 AD) (1003) (Same for Bio-informatics)	--	--
11 th , Wednesday	--	--	BIOT: 202: Genetics (1027) BIN-2002: Computational Methods in Bio-molecular Sequence Analysis (1036)
12 th , Thursday	--	BIOT-302:Plant Tissue culture & Plant Biotechnology (1047) BIN - 3002: Fundamentals of Genomics (1056)	--
16 th , Monday	1. BIOT-103: Physics (Basic & Applied)(1004) 2. BIN-1005: Physics (Basic & Applied)(1017)	--	--
17 th , Tuesday	--	--	BIOT-203: Physical & Biochemical Techniques(1028) BIN-2003: Object Oriented Programming Using C++ (1037)
18 th , Wednesday	--	BIOT-303: Animal Tissue Culture & Animal Biotechnology (1048) BIN - 3003: Introduction to Proteins & Proteomics (1057)	--
19 th , Thursday	1. BIOT-104: Chemistry (1005) 2. BIN-1003: Chemistry (1015)	--	--
20 th , Friday	--	--	BIOT-204: Immunology (1029) BIN-2004: Computer Operational System and Organisation (1038)
21 st , Saturday	--	BIOT-304: Patent Laws in Biotechnology & Entrepreneurship (1049) BIN - 3004: Genetics and Evolution (1058)	--

<u>Date & Day</u>	B.Sc. 1st Year 9.15 a.m. to 12.15 p.m.	B.Sc. 3rd Year 9.15 a.m. to 12.15 p.m.	B.Sc. 2nd Year 2.15 p.m. to 5.15 p.m.
	<u>MORNING</u>		<u>EVENING</u>
<u>APRIL, 2012</u> 24 th , Tuesday	1. BIOT-105 (a): Life Sciences (1006) OR BIOT-105 (b): Mathematics (1007) 2. BIN-1001: Life Sciences (1013) OR BIN-1002: Mathematics (1014)	--	--
25 th , Wednesday	--	--	BIOT-205: Plant Tissue Culture & Bio- Technology (1030) BIN-2005: Statistical Methods (1039)
26 th , Thursday	--	BIOT-305: Bioprocess Engineering (1050) BIN – 3005: Bio-chemical & Molecular Biology Techniques (1059)	--
27 th , Friday	1. BIOT-106: Statistics and Computer Fundamentals (1008) 2. BIN-1004: Statistics and Computer Fundamental s(1016)	--	--
28 th , Saturday	--	--	BIOT-206: Agro and Industrial Bio-Technology (1031) BIN-2006: Physical Chemistry (1040)
30 th , Monday	--	BIOT-307:Advances in Bioinformatics (1051) BIN-3006: Cell Biology and Immunology (1060)	--
<u>MAY, 2012</u> 1 st , Tuesday	1. BIOT-107: General Microbiology (1009) 2. BIN-1006: 'C' language and Programming (1011)	--	--
2 nd , Wednesday	--	--	BIOT-207: Intellectual Property Right & Ethical Issues in Biotechnology (1032)
3 rd , Thursday	--	BIOT-308: Hons Paper-III Opt(i): Food Bio-Technology (1052) BIOT-308: Hons Paper-III Opt(ii) : Nano Technology (1053)	--
4 th , Friday	1. BIOT-108: Cell Biology(1010) 2. BIN-1007: Introduction to Biochemistry & Bio-informatics (1012)	--	--
5 th , Saturday	--	BIOT-309: Hons. Paper-IV Environmental Biotechnology (1054)	--

NOTE:

- IT MAY BE CAREFULLY NOTED THAT DURATION OF EXAMINATION IN THE SUBJECT OF ENVIRONMENTAL EDUCATION IS ONE HOUR i.e. FROM 9.15 A.M. TO 10.15 A.M. (MORNING SESSION) FOR B.A. /B.SC. 1ST & 3RD YEAR AND FROM 2.15 P.M. TO 3.15 P.M. (EVENING SESSION) FOR B.A. /B.SC. 2ND YEAR.**
- THE CANDIDATES ARE NOT PERMITTED TO CARRY ANY COMMUNICATION EQUIPMENT SUCH AS MOBILE PHONE/PAGER, WIRELESS SET, SCANNER PEN SCANNER/CAMERA OR ANY SUCH ELECTRONIC/DIGITAL GADGET ETC. INSIDE THE EXAMINATION HALL WHICH IS PUNISHABLE WITH DISQUALIFICATION FOR PERIOD OF TWO YEARS WITH THE SUBSEQUENT EXAMINATION**
- CANDIDATES CAN USE COLOURED PENCILS FOR DIAGRAMS.**
- THE PRACTICAL EXAMINATIONS WILL BE CONDUCTED FROM 09.3.2012 TO 27.3.2012**

CHANDIGARH: 160014
DATED: 28.02.2012

PROF. A. K. BHANDARI
CONTROLLER OF EXAMINATIONS

PANJAB UNIVERSITY, CHANDIGARH

Date-sheet for B.Sc. (Fashion Designing) Part-I, II & III **(FOR FULL SUBJECTS /ADDITIONAL SUBJECTS/IMPROVEMENT OF PERFORMANCE/MERCY CHANCE/ADDITIONAL CHANCE CANDIDATES)** Examination to be held in April/May, 2012.

(THEORY EXAMINATIONS)

(The candidates must be on their seats at 9.00 a.m. and 2.00 p.m. sharp as per date-sheet below. The answer-books with Optical Mark Reader (OMR) front covers will be distributed at 9.00 a.m. and 2.00 p.m. 15 minutes time in the beginning of each paper is budgeted for filling up the OMR Sheets properly under the instructions and supervision of invigilators. The question paper will be distributed at 9.15 a.m. and 2.15 p.m. sharp and the examination will continue till 12.15 p.m. and 5.15 p.m.).

Date & Day	<u>B.Sc. Part-I</u> (Exam. Code 109) 9.15 a.m. to 12.15 p.m.	<u>B.Sc. Part-III</u> (Exam. Code 110) 9.15 a.m. to 12.15 p.m.	<u>B. Sc Part-II</u> (Exam. Code 111) 2.15 p.m. to 5.15 p.m.
	<u>Morning</u>		<u>Evening</u>
<u>APRIL, 2012</u> 7 th , Saturday	ENVIRONMENT EDUCATION (0005) (COMMON WITH B.A./B.SC.(General) 3rd Year) <u>9.15 A.M. to 10.15 A.M.</u>	ENVIRONMENT EDUCATION (0005) (COMMON WITH B.A./B.SC.(General) 3rd Year) <u>9.15 A.M. to 10.15 A.M.</u>	ENVIRONMENT EDUCATION (0353) (COMMON WITH B.A./B.SC. 2ND Year/B. Com./ B.B.A./ B.C.A.& B.Sc. (Hons. School) 1st, 2nd & 3rd Years) <u>2.15 P.M. to 3.15 P.M.</u>
10 th , Tuesday	Textile Science-I (1100)	Marketing & Merchandising (1106)	--
16 th , Monday	Punjabi (Compulsory) Paper- A (0002) (Common with B.A. / B.Sc. (General) 1 st year)	--	History of Indian Costumes (1102)
17 th , Tuesday	--	Apparel Manufacturing Technology (1107)	--
19 th , Thursday	Traditional Textiles (1098)	--	Pattern Making-I (1103)
24 th , Tuesday	Concept of Fashion (1097)	History of World Costumes (1108)	--
27 th , Friday	Fabric Construction (1101)	--	Knitting Technology(1104)
30 th , Monday	Basics of Design & Illustration (1096)	--	Textile Science-II (1105)
<u>MAY,2012</u> 3 rd , Thursday	1. Punjabi (Compulsory) Paper-B(0003)(Common with B.A./B.Sc. (General) 1 st Year) 2. History & Culture of Punjab from 1200 A.D. to 1849 A.D. (1070) (Common with B.Sc. Microbial and Food Technology 1st year)	--	--

Date-sheet for B.Sc. (Fashion Designing) Part-I, II & III (FOR FULL SUBJECTS /ADDITIONAL SUBJECTS/IMPROVEMENT OF PERFORMANCE/MERCY CHANCE/ADDITIONAL CHANCE CANDIDATES) Examination to be held in April/May, 2012.

Date & Day	<u>B.Sc. Part-I</u> (Exam. Code 109) 9.15 a.m. to 12.15 p.m.	<u>B.Sc. Part-III</u> (Exam. Code 110) 9.15 a.m. to 12.15 p.m.	<u>B. Sc Part-II</u> (Exam. Code 111) 2.15 p.m. to 5.15 p.m.
	<u>Morning</u>		<u>Evening</u>
<u>MAY,2012</u> 5 th , Saturday	--	--	English(Compulsory) (0202) (Common with B.Sc. General 2 nd year)
7 th , Monday	Garment Construction-I (1099)	--	--

NOTE: THE CANDIDATES ARE NOT PERMITTED TO CARRY ANY COMMUNICATION EQUIPMENT SUCH AS MOBILE PHONE/PAGER, WIRELESS SET, SCANNER PEN SCANNER/CAMERA OR ANY SUCH ELECTRONIC/DIGITAL GADGET ETC. INSIDE THE EXAMINATION HALL WHICH IS PUNISHABLE WITH DISQUALIFICATION FOR PERIOD OF TWO YEARS WITH THE SUBSEQUENT EXAMINATION

CENTRE OF EXAMINATION:

1. **Chandigarh-48**
Govt. Home Science College, Block-II, Sector 10
2. **Hussainpura**
Shree Atam Vallabh Jain College
3. **Khanna-1**
AS College for Women, Block-II
4. **Ludhiana-19**
Guru Nanak Girls College,
Model Town, Block-II
5. **Mahilpur-1**
S.G.G.S. Khalsa College, Block-I
6. **Muktsar-3**
G.N. College for Girls, Block-III

CHANDIGARH: 160014
DATED: 12.03.2012

PROF. A. K. BHANDARI
CONTROLLER OF EXAMINATIONS

PANJAB UNIVERSITY, CHANDIGARH

DATE- SHEET FOR THE /B.SC. (MICROBIAL & FOOD TECHNOLOGY)1ST YEAR(EXAM CODE 106) 2ND YEAR (CODE 107) 3RD YEAR (CODE 108) (FOR FULL SUBJECTS/ ADDITIONAL SUBJECTS/ IMPROVEMENT OF PERFORMANCE/ MERCY CHANCE/ ADDITIONAL CHANCE CANDIDATES) EXAMINATION COMMENCING W.E.F. 7TH APRIL, 2012

(THEORY EXAMINATIONS)

(The candidates must be on their seats at 9.00 a.m. and 2.00 p.m. sharp as per date-sheet below. The answer-books with Optical Mark Reader (OMR) front covers will be distributed at 9.00 a.m. and 2.00 p.m. 15 minutes time in the beginning of each paper is budgeted for filling up the OMR Sheets properly under the instructions and supervision of invigilators. The question paper will be distributed at 9.15 a.m. and 2.15 p.m. sharp and the examination will continue till 12.15 p.m. and 5.15 p.m.).

<u>Date & Day</u>	<u>B.Sc. 1st Year</u> 9.15 a.m. to 12.15 p.m.	<u>B.Sc. 3rd Year</u> 9.15 a.m. to 12.15 p.m.	<u>B.Sc. 2nd Year</u> 2.15 p.m. to 5.15 p.m.
	<u>MORNING</u>		<u>EVENING</u>
<u>APRIL, 2012</u> 7 th , Saturday	ENVIRONMENT EDUCATION (0005) (COMMON WITH B.A./B.SC. 1 ST & 3 RD YEAR) <u>9.15 a.m. to 10.15 a.m.</u>	ENVIRONMENT EDUCATION (0005) (COMMON WITH B.A./B.SC. 1 ST & 3 RD YEAR) <u>9.15 a.m. to 10.15 a.m.</u> Note: This is a compulsory qualifying paper, which the students have to study in the 1 st Year. The students are required to qualify this paper either in 1 st year or 2 nd year or 3 rd year examination.	ENVIRONMENT EDUCATION (0353) (Common with B.A./B.Sc. 2 nd Year) <u>2.15 P.M. to 3.15 P.M.</u> Note: This is a compulsory qualifying paper, which the students have to study in the B.Com. 1 st Year. The students are required to qualify this paper either in 1 st year or 2 nd year or 3 rd year examination.
9 th , Monday	--	Bio-informatics & Environmental Microbiology BMF-3001: Principles of Bioinformatics (1086)	--
10 th , Tuesday	--	--	Chemistry Paper-I: Inorganic Chemistry (0293)(Common with B.Sc. (General) 2nd year Paper-V)
11 th , Wednesday	Principles of Microbiology and Microbial Technology BMF-1001: General and Food Microbiology (1066)	--	--
12 th , Thursday	--	Bio-informatics & Environmental Microbiology BMF-3002: Principles of Environmental Microbiology (1087)	--
16 th , Monday	Punjabi (Compulsory) Paper-A (0002) (Common with B.A./B.Sc. (General) 1st year	--	--
17 th , Tuesday	--	--	Chemistry Paper-II: Organic Chemistry (0294)(Common with B.Sc. (General) 2nd year Paper-VI)
18 th , Wednesday	--	Food Engg. & Quality Control BMF-3003: Food Engineering (1088)	--
21 st , Saturday	Chemistry Paper-A: Inorganic Chemistry (0092)(Common with B.Sc. (General) 1st year	--	--
24 th , Tuesday	--	--	Recombinant DNA Technology and Bio-Analytical Techniques BMF-2001: Microbial Genetics & R-DNA Technology (1076)
25 th , Wednesday	--	Food Engg. & Quality Control BMF-3004: Food Analysis & Quality Control (1089)	--
26 th , Thursday	--	--	Recombinant DNA Technology and Bio-Analytical Techniques BMF-2002: Bio-Analytical Techniques (1077)
27 th , Friday	Principles of Microbiology and Microbial Technology BMF-1002: Principles of Microbial Technology and Food Biotechnology (1067)	--	--

Date & Day	B.Sc. 1 st Year	B.Sc. 3 rd Year	B.Sc. 2 nd Year
	9.15 a.m. to 12.15 p.m.	9.15 a.m. to 12.15 p.m.	2.15 p.m. to 5.15 p.m.
	MORNING		EVENING
APRIL, 2012 28 th , Saturday	--	Chemistry Paper-I: Inorganic Chemistry (0490)(Common with B.Sc. (General) 3 rd year Paper-IX)	--
MAY, 2012 1 st , Tuesday	Principles of Food Biochemistry and Preservation BMF-1003: General & Food Biochemistry (1068)	--	--
2 nd , Wednesday	--	--	Food Processing Technology BMF-2003: Processing of Foods of Plant Origin (1078)
3 rd , Thursday	1. Punjabi (Compulsory Paper-B (0003) (Common with B.A./B.Sc. (General) 1st year) 2. History & Culture of Punjab (from 1200 A.D. to 1849 A.D.) (1070)(Same for B.Sc. Fashion Designing 1st year)	--	--
4 th , Friday	Chemistry Paper-B: Organic Chemistry (0093)(Common with B.Sc. (General) 1st year	--	--
5 th , Saturday	--	Chemistry Paper-II: Organic Chemistry (0491)(Common with B.Sc. (General) 3 rd year Paper-X)	English (Compulsory) (0202) (Same for B.Sc. (General) 2 nd year)
7 th , Monday	Principles of Food Biochemistry and Preservation BMF-1004: Principles of Food Preservations Packaging (1069)	--	--
8 th , Tuesday	--	Chemistry Paper-III: Physical Chemistry (0492)(Common with B.Sc. (General) 3 rd year Paper-XI)	Chemistry Paper-III: Physical Chemistry (0295)(Common with B.Sc. (General) 2nd year Paper-VII)
12 th , Saturday	--	--	Food Processing Technology; BMF-2004: Processing of Foods of Animal Origin (1079)
15 th , Tuesday	Chemistry Paper-C: Physical Chemistry (0094)(Common with B.Sc. (General) 1st year	--	--

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2. THE CANDIDATES ARE NOT PERMITTED TO CARRY ANY COMMUNICATION EQUIPMENT SUCH AS MOBILE PHONE/PAGER, WIRELESS SET, SCANNER PEN SCANNER/CAMERA OR ANY SUCH ELECTRONIC/DIGITAL GADGET ETC.INSIDE THE EXAMINATION HALL WHICH IS PUNISHABLE WITH DISQUALIFICATION FOR PERIOD OF TWO YEARS WITH THE SUBSEQUENT EXAMINATION
3. CANDIDATES CAN USE COLOURED PENCILS FOR DIAGRAMS.
4. DATE-SHEET FOR ADD ON COURSES WILL BE NOTIFIED SEPARATELY.
5. THE PRACTICAL EXAMINATIONS WILL BE CONDUCTED FROM 09.3.2012 TO 27.3.2012

CHANDIGARH: 160014
DATED: 15.03.2012

PROF A K BHANDARI
CONTROLLER OF EXAMINATIONS