

PANJAB UNIVERSITY, CHANDIGARH

Date-sheet for B.Sc. (Hons) Bio-informatics (Exam. Code 130)/B.Sc. Biotechnology (Exam. Code 133) 1st Year Examination (FOR FULL SUBJECTS/ADDITIONAL SUBJECTS/IMPROVEMENT OF PERFORMANCE/MERCY CHANCE/ADDITIONAL CHANCE CANDIDATES) EXAMINATION COMMENCING W.E.F. 1ST APRIL, 2009

(THEORY EXAMINATIONS)

TIME OF EXAMINATIONS: 9.15 a.m. to 12.15 p.m.

(The candidates must be on their seats at 9.00 a.m. sharp as per date-sheet below. The answer-books with Optical Mark Reader (OMR) front covers will be distributed at 900 a.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. sharp and the examination will continue till 12.15 p.m.).

Date & Day	Name of Subject/Paper/Code No.
APRIL, 2009 4 th , Saturday	ENVIRONMENT EDUCATION (0005) (COMMON FOR B.A./B.SC. 1 ^{ar} & 3 rd YEAR) 9.00 A.M. to 10.00 A.M.
15 th , Wednesday	Punjabi (1519) (Same for Bio-informatics 1 st year) History & Culture of Punjab from to 1200 to 1849 AD (1520) (Same for Bio-informatics 1 st year)
18 th , Saturday	BIOT-101: English (1518) (Same for Bio-informatics 1 st year)
22 nd , Wednesday	BIOT-102 (a): Life Sciences (1521)(Same for BIN-1001) OR BIOT-102 (b): Mathematics (1522) (Same for BIN-1002)
25 th , Saturday	BIOT-103: Chemistry (1523 (Same for BIN-1003)
28 th , Tuesday	BIOT-104: Statistics and Computer Fundamental (1524)(Same for BIN-1004)
MAY, 2009 2 nd , Saturday	BIOT-105: Physics (Basic & Applied)(1525) (Same for BIN-1005)
18 th , Monday	BIOT-106: General Microbiology (1526) BIN-1006: 'C' language and Programming (1528)
21 st , Thursday	BIOT-107: Biochemistry (1527) BIN-1007: Introduction to Bio-informatics (1529)

NOTE: THE CANDIDATES ARE NOT PERMITTED TO CARRY THE PAGER, CELLULAR PHONE, WIRELESS SET OR ANY OTHER COMMUNICATION SYSTEM INSTRUMENT INSIDE THE EXAMINATION CENTRE.

CENTRE OF EXAMINATION:

1. Abohar-3: DAV College, Block-I
2. Badal: Dashmesh Girls College
3. Chhabewal: Siri Guru Har Rai Sahib College for Women
4. Chandigarh-7: Govt. College for Girls, Sec.42, Block-III
5. Chandigarh-22: Govt. College, Sector 11, Block-III
6. Chandigarh-31: D.A.V. College, Sector-10, Block-IV
7. Chandigarh-33: G.G.D.S.D. College, Sector-32, Block-II
8. Chandigarh-36: SGGS College, Sector-26, Block-II
9. Dasuya-3: JCDAV College, Block-II
10. Ferozepur City-5: Dev Samaj College for Women, BI-II
11. Gurusar Sudhar-1: GHG Khalsa College, Block-I
12. Hoshiarpur-9: SD College, Block-I
13. Ludhiana-5: Khalsa College for Women, Block-II
14. Ludhiana-19: G.N.Girls College, Model Town, Block-II
15. Muktsar-1: G. N. College for Girls, Block-I

**CHANDIGARH: 160014
DATED: 28.3.2009**

**DR A K BHANDARI
CONTROLLER OF EXAMINATIONS**

PANJAB UNIVERSITY, CHANDIGARH

Date-sheet for B.Sc. (Hons) Biotechnology (Exam. Code 134) 2nd Year Examination (FOR FULL SUBJECTS/ADDITIONAL SUBJECTS/ IMPROVEMENT OF PERFORMANCE/ MERCY CHANCE/ADDITIONAL CHANCE CANDIDATES) EXAMINATION COMMENCING W.E.F. 1ST APRIL,2009

(THEORY EXAMINATIONS)
TIME OF EXAMINATIONS: 2.15 p.m. to 5.15 p.m.

(The candidates must be on their seats at 2.00 p.m. sharp as per date-sheet below. The answer-books with Optical Mark Reader (OMR) front covers will be distributed at 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 2.15 p.m. sharp and the examination will continue till 5.15 p.m.).

Date & Day	Name of Subject/Paper/Code No.
<u>APRIL, 2009</u> 4 th , Saturday	ENVIRONMENT EDUCATION (0345) (COMMON FOR B.A./B.SC. 2 ND Year/B. Com./ B.B.A./ B.C.A.& B.Sc.(Hons. School) 1 st , 2 nd & 3 rd Years) <u>2.00 P.M. to 3.00 P.M.</u> Note: This is a compulsory qualifying paper, which the students have to study in the B.Sc.(Hons.) 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.
18 th , Saturday	BIOT-201: Physical Chemistry (1531)
22 nd , Wednesday	BIOT- 202: Advance Life Sciences (1532)
25 th , Saturday	BIOT-203: Biochemistry-II(1533)
28 th , Tuesday	BIOT-204: Cell Biology (1534)
<u>MAY,2009</u> 2 nd , Saturday	BIOT-205: Immunology (1535)
18 th , Monday	BIOT-206: Molecular Biology & Genetics (1536)
20 th , Wednesday	BIOT-207: Agro and Industrial Applications of Microbes (1537)
22 nd , Friday	BIOT-209: Hons Paper-I: Bio Analytical Techniques (1538)
25 th , Monday	BIOT-210: Hons. Paper-II: Introduction to Bio-informatics (1539)

NOTE: THE CANDIDATES ARE NOT PERMITTED TO CARRY THE PAGER, CELLULAR PHONE, WIRELESS SET OR ANY OTHER COMMUNICATION SYSTEM INSTRUMENT INSIDE THE EXAMINATION CENTRE.

CENTRE OF EXAMINATION:

1. Abohar-3: DAV College, Block-I
2. Badal: Dashmesh Girls College
3. Chhabewal: Siri Guru Har Rai Sahib College for Women
4. Chandigarh-7:Govt. College for Girls, Sec.42, Block-III
5. Chandigarh-22:Govt.College, Sector 11,Block-III
6. Chandigarh-28:D.A.V. College, Sector-10, Block-I
7. Chandigarh-33: G.G.D.S.D. College, Sector-32, Block-II
8. Chandigarh-36: SGGGS College, Sector-26, Block-II
9. Dasuya-3: JCDAV College, Block-II
10. Gurusar Sudhar-2: GHG Khalsa College, Block-II
11. Hoshiarpur-9: SD College, Block-I
12. Ludhiana-19: G.N.Girls College, Model Town, Block-II

CHANDIGARH: 160014
DATED: 28.3.2009

DR A K BHANDARI
CONTROLLER OF EXAMINATIONS

PANJAB UNIVERSITY, CHANDIGARH

Date-sheet for B.Sc. (Hons) Bio-informatics (Exam. Code 131) 2nd Year Examination (FOR FULL SUBJECTS/ADDITIONAL SUBJECTS/IMPROVEMENT OF PERFORMANCE/MERCY CHANCE/ADDITIONAL CHANCE CANDIDATES) EXAMINATION COMMENCING W.E.F. 1ST APRIL, 2009

(THEORY EXAMINATIONS)

TIME OF EXAMINATIONS: 2.15 p.m. to 5.15 p.m.

(The candidates must be on their seats at 2.00 p.m. sharp as per date-sheet below. The answer-books with Optical Mark Reader (OMR) front covers will be distributed at 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 2.15 p.m. sharp and the examination will continue till 5.15 p.m.).

Date & Day	Name of Subject/Paper/Code No.
<u>APRIL, 2009</u> 4 th , Saturday	ENVIRONMENT EDUCATION (0345) (COMMON FOR B.A./B.SC. 2 ND Year/B. Com./ B.B.A./ B.C.A. & B.Sc.(Hons. School) 1 st , 2 nd & 3 rd Years) <u>2.00 P.M. to 3.00 P.M.</u> Note: This is a compulsory qualifying paper, which the students have to study in the B.Sc.(Hons.) 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.
15 th , Wednesday	BIN-2001: Fundamentals of Molecular Biology & Genetic Engineering. (1540)
18 th , Saturday	BIN-2002: Computational Methods in Bio-molecular Sequence Analysis (1541)
21 st , Tuesday	BIN-2003: Object Oriented Programming Using C++ (1542)
24 th , Friday	BIN-2004: Computer Organization & System Maintenance (1543)
29 th , Wednesday	BIN-2005: Statistical Methods (1544)
<u>MAY, 2009</u> 1 st , Friday	BIN-2006: Cell Biology and Immunology (1545)

NOTE: THE CANDIDATES ARE NOT PERMITTED TO CARRY THE PAGER, CELLULAR PHONE, WIRELESS SET OR ANY OTHER COMMUNICATION SYSTEM INSTRUMENT INSIDE THE EXAMINATION CENTRE.

CENTRE OF EXAMINATION:

1. Chandigarh: 31
D.A.V. College, Sector-10, Block-IV
2. Chandigarh-33:
G.G.D.S.D. College, Sector-32, Block-II
3. Chandigarh-36,
SGGS College, Sector-26, Block-II
4. Ludhiana-19:
G.N.Girls College. M.T. Block-II

CHANDIGARH: 160014
DATED: 28.3.2009

DR A K BHANDARI
CONTROLLER OF EXAMINATIONS

PANJAB UNIVERSITY, CHANDIGARH

Date-sheet for B.Sc. (Hons) Bio-technology 3rd Year Examination (Exam. Code 135) (FOR FULL SUBJECTS/ADDITIONAL SUBJECTS/IMPROVEMENT OF PERFORMANCE/MERCY CHANCE/ADDITIONAL CHANCE CANDIDATES) EXAMINATION COMMENCING W.E.F. 1ST APRIL, 2009

(THEORY EXAMINATIONS)

TIME OF EXAMINATIONS: 9.15 a.m. to 12.15 p.m.

(The candidates must be on their seats at 9.00 a.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. 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. sharp and the examination will continue till 12.15 p.m.).

Date & Day	Name of Subject/Paper/Code.No.
<u>APRIL, 2009</u>	
15 th , Wednesday	BIOT-301: DNA technology (1546)
18 th , Saturday	BIOT-302: Plant Tissue culture & Plant Biotechnology (1547)
21 st , Tuesday	BIOT-303: Animal Tissue Culture & Animal Biotechnology (1548)
24 th , Friday	BIOT-304: Patent Laws in Biotechnology & Entrepreneurship (1549)
28 th , Tuesday	BIOT-305: Bioprocess Engineering (1550)
<u>MAY, 2009</u>	
1 st , Friday	BIOT-307: Advances in Bioinformatics (1551)
19 th , Tuesday	BIOT-308: Hons Paper-III Food Biotechnology (1552) BIOT-308: Hons Paper-III Nano Technology (1553)
21 st , Thursday	BIOT-309: Hons. Paper-IV Environmental Biotechnology (1554)

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CENTRE OF EXAMINATION:

1. Ahoha3
D.A.V. College, Block-I
2. Chandigarh-7:
Govt. College for Girls, Sector- 42, Block-III.
3. Chandigarh-22
Govt. College, Sector 11, Block-IV
4. Chandigarh-31
D.A.V.College, Sector 10, Block-IV
5. Chandigarh-33
G.G.D.S.D.College, Sector 32, Block-II
6. Chandigarh-36
S.G.G.S.College, Sector 26, Block-II
7. Dasuya-3:
J.C.D.A.V.College, Block-I

**CHANDIGARH: 160014
DATED: 28.3.2009**

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PANJAB UNIVERSITY, CHANDIGARH

Date-sheet for B.Sc. (Hons) Bio-informatics 3rd Year Examination (Exam. Code 132(FOR FULL SUBJECTS/ADDITIONAL SUBJECTS/IMPROVEMENT OF PERFORMANCE/MERCY CHANCE/ADDITIONAL CHANCE CANDIDATES) EXAMINATION COMMENCING W.E.F. 1ST APRIL, 2009

(THEORY EXAMINATIONS)

TIME OF EXAMINATIONS: 9.15 a.m. to 12.15 p.m.

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Date & Day	Name of Subject/Paper/Code No.
<u>APRIL, 2009</u> 15 th , Wednesday	BIN - 3001: Introduction to PERL Programming (1555)
18 th , Saturday	BIN - 3002: Fundamentals of Genomics (1556)
21 st , Tuesday	BIN - 3003: Introduction to Proteins & Proteomics (1557)
25 th , Saturday	BIN - 3004: Principles of Genetics (1558)
30 th , Thursday	BIN - 3005: Biochemical & Molecular Biology Techniques (1559)

NOTE: THE CANDIDATES ARE NOT PERMITTED TO CARRY THE PAGER, CELLULAR PHONE, WIRELESS SET OR ANY OTHER COMMUNICATION SYSTEM INSTRUMENT INSIDE THE EXAMINATION CENTRE.

CENTRE OF EXAMINATION:

1. **Chandigarh-31**
D.A.V.College, Sector 10, Block-IV
2. **Chandigarh-33**
G.G.D.S.D.College, Sector 32, Block-II
3. **Chandigarh-36**
S.G.G.S. College, Sector 36, Block-II

CHANDIGARH: 160014
DATED: 28.3.2009

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