

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.).

| <u>Date & Day</u> | B.Sc. 1st Year 9.15 a.m. to 12.15 p.m. Exam. Code 130(Bio-inf.) Exam. Code 133(Bio-tech.) | B.Sc. 3rd Year 9.15 a.m. to 12.15 p.m. Exam. Code 132(Bio-inf.) Exam. Code 135(Bio-tech.) | B.Sc. 2nd Year 2.15 p.m. to 5.15 p.m. Exam. Code 131(Bio-inf.) Exam. Code 134(Bio-tech.) |
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| | MORNING | | EVENING |
| <u>APRIL, 2012</u> 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. |
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| | <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:

1. 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.
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. 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**