

NORTH MAHARASHTRA UNIVERSITY, JALGAON

F.Y.B.Sc. Equivalence

SEM- I

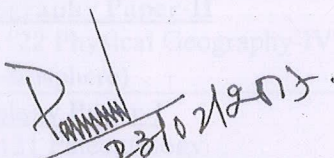
SR. No.	F.Y.B.Sc. Sem-I (Old)(40 Marks) 40:10 Syllabus Changed from June, 2012	F.Y.B.Sc. Sem-I (NEW)(60 Marks) 60:40 Syllabus Changed from June, 2015
01	<u>Mathematics Paper-I</u> MTH-111: Theory of Matrices	Mathematics Paper-I MTH-111 Matrices
02	<u>Mathematics Paper-II</u> MTH-112: Calculus	Mathematics Paper-II MTH-112 Calculus of One Variable
03	<u>Mathematics Paper-III</u> MTH-113 (A): Co-ordinate Geometry MTH-113 (B): Graph Theory	Mathematics Paper-III MTH-113(A) Geometry MTH-113(B) Discrete Mathematics
04	<u>Physics Paper-I</u> PHY-111: Mechanics & Properties of Matter	Physics Paper-I PHY-111 Mechanics and Properties of Matter
05	<u>Physics Paper-II</u> PHY-112: Electricity and Magnetism	Physics Paper-II PHY-112 Electricity and Magnetism
06	<u>Chemistry Paper-I</u> CH-111: Physical & Inorganic Chemistry	Chemistry Paper-I CH-111 Physical and Inorganic Chemistry
07	<u>Chemistry Paper-II</u> CH-112: Organic & Inorganic Chemistry	Chemistry Paper-II CH-112 Organic and Inorganic Chemistry
08	<u>Botany Paper-I</u> BOT-111: Lower Cryptogams	Botany Paper-I BOT-111 Botany I
09	<u>Botany Paper-II</u> BOT-112: Cell Biology	Botany Paper-II BOT-112 Plants for Human Welfare
10	<u>Zoology Paper-I</u> ZOO-111: Non-Chordates-I	Zoology Paper-I ZOO-111 Non Chordates-I
11	<u>Zoology Paper-II</u> ZOO-112: Parasitology	Zoology Paper-II ZOO-112 Cell Biology
12	<u>Geography Paper-I</u> Gg-111: Physical Geography (Lithosphere) Paper-I	Geography Paper-I GG-111 Physical Geography (Lithosphere- Part-I)
13	<u>Geography Paper-II</u> Gg-112: Physical Geography (Atmosphere) Paper-III	Geography Paper-II GG-112 Physical Geography (Atmosphere)
14	<u>Geology Paper-I</u> GI-111: Geodynamics	Geology Paper-I GI-111: Geodynamics
15	<u>Geology Paper-II</u> GI-112: Mineralogy	Geology Paper-II GL-112 Mineralogy
16	<u>Statistics Paper-I</u> ST-111: Descriptive Statistics-I	Statistics Paper-I ST-111 Descriptive Statistics-I
17	<u>Statistics Paper-II</u> ST-112: Probability & Probability Distributions-I	Statistics Paper-II ST-112 Probability And Probability Distributions-I
18	<u>Electronics Paper-I</u> ELE-111: Analog Electronics-I	Electronics Paper-I ELE-111 Analog Electronics-I
19	<u>Electronics Paper-II</u> ELE-112: Digital Electronics-I	Electronics Paper-II ELE-112 Digital Electronics-I
20	<u>Computer Science Paper-I</u> CS-111: Basics of Computer	Computer Science Paper-I CS-111: Basics of Computer

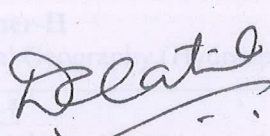
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21	<u>Computer Science Paper-II</u> CS-112: C Programming-I	Computer Science Paper-II CS-112 C Programming-I
22	<u>Information Technology Paper I</u> IT-111: Web Design-I	<u>Information Technology Paper-I</u> IT-111: Web Design-I
23	<u>Information Technology Paper II</u> IT-112: Object Oriented Analysis and Design (OOAD)	<u>Information Technology Paper-II</u> IT-112 OOP-I
24	<u>Microbiology Paper-I</u> MB-111: Elementary Microbiology	<u>Microbiology Paper-I</u> MB-111 Elementary Microbiology
25	<u>Microbiology Paper-II</u> MB-112: Microscopy and Basic Biochemistry	<u>Microbiology Paper-II</u> MB-112 Microscopy and Basic Biochemistry
26	<u>Biochemistry Paper-I</u> BC-111: Chemistry of Bio-molecules	<u>Biochemistry Paper-I</u> BC-111 Chemistry of Biomolecule
27	<u>Biochemistry Paper-II</u> BC-112: Fundamentals of Microbiology	<u>Biochemistry Paper-II</u> BC-112 Cell Biology
28	<u>Exp. Psychology Paper-I</u> PSY-111: Advance Psychological Process-I	<u>Exp. Psychology Paper-I</u> PSY-111: Advance Psychological Process-I
29	<u>Exp. Psychology Paper-II</u> PSY-112: Abnormal Psychology-II	<u>Exp. Psychology Paper-II</u> PSY- 112 Abnormal psychology -II
30	<u>Biotechnology Paper-I</u> BT-111: Foundations of Biotechnology	<u>Biotechnology Paper-I</u> BT-111 Foundations of Biotechnology
31	<u>Biotechnology Paper-II</u> BT-112: Methods in Biotechnology	<u>Biotechnology Paper-II</u> BT-112 Methods In Biotechnology
32	<u>Environmental Science Paper-I</u> Envi-111: Introduction to Environment-I	<u>Environmental Science Paper-I</u> ENVI-111 Introduction To Environment-I
33	<u>Environmental Science Paper-II</u> Envi-112: Natural Resources-I	<u>Environmental Science Paper-II</u> ENVI-112 Natural Resources-I
34	<u>Geoinformatics Paper-I</u> GEOI-101: Fundamentals of Computer: Part-I	<u>Geo informatics Paper-I</u> GEOI-111 Introduction to Computer
35	<u>Geoinformatics Paper-II</u> GEOI-102: Fundamentals of Geoinformatics: Part-I	<u>Geoinformatics Paper-II</u> GEOI-112 Introduction to Geoinformatics-I


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 Ex-Dean
 Science Faculty


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 Co-Ordinator
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NORTH MAHARASHTRA UNIVERSITY, JALGAON

F.Y.B.Sc. Equivalence

SEM- II

SR. No.	F.Y.B.Sc. Sem-II (Old)(40 Marks) 40:10 Syllabus Change from June, 2012	F.Y.B.Sc. Sem-II (NEW)(60 Marks) 60:40 Syllabus Change from June, 2015
01	<u>Mathematics Paper-I</u> MTH-121 Differential Equations	<u>Mathematics Paper-I</u> MTH-121 Ordinary Differential Equations
02	<u>Mathematics Paper-II</u> MTH-122 Algebra	<u>Mathematics Paper-II</u> MTH-122 Theory of Numbers and Equations
03	<u>Mathematics Paper-III</u> MTH-123 (A) Laplace Transforms	<u>Mathematics Paper-III</u> MTH-123(A) Laplace Transforms
	MTH-123 (B) Computational Mathematics	MTH-113(B) Numerical Methods
04	<u>Physics Paper-I</u> PHY-121 Heat and Thermodynamics	<u>Physics Paper-I</u> PHY-121 Heat and Thermodynamics
05	<u>Physics Paper-II</u> PHY-122 Theoretical Physics	<u>Physics Paper-II</u> PHY-122 Theoretical Physics
06	<u>Chemistry Paper-I</u> CH-121: Physical & Inorganic Chemistry	<u>Chemistry Paper-I</u> CH-121 Physical and Inorganic Chemistry
07	<u>Chemistry Paper- II</u> CH-122 Organic & Inorganic Chemistry	<u>Chemistry Paper-II</u> CH-122 Organic and Inorganic Chemistry
08	<u>Botany Paper-I</u> BOT-121 Higher Cryptogams	<u>Botany Paper-I</u> BOT-121 Fungi, Lichens and Plant Pathology
09	<u>Botany Paper-II</u> BOT-122 Economic Botany	<u>Botany Paper-II</u> BOT-122 Industrial Botany
10	<u>Zoology Paper-I</u> ZOO-121 Chordates-I	<u>Zoology Paper-I</u> ZOO-121 Chordates-I
11	<u>Zoology Paper-II</u> ZOO-122 Ecology	<u>Zoology Paper-II</u> ZOO-122 Applied Zoology-I (Goatary and Lac Culture)
12	<u>Geography Paper-I</u> Gg-121: Physical Geography-II (Lithosphere)	<u>Geography Paper-I</u> GG-121 Physical Geography (Lithosphere- Part-II)
13	<u>Geography Paper-II</u> Gg-122 Physical Geography-IV (Hydrosphere)	<u>Geography Paper-II</u> GG-122 Physical Geography (Hydrosphere)
14	<u>Geology Paper-I</u> Gl-121 Paleontology	<u>Geology Paper-I</u> Gl-121: Palaeontology
15	<u>Geology Paper-II</u> Gl-122 Petrology	<u>Geology Paper-II</u> GL-122 Petrology
16	<u>Statistics Paper-I</u> ST-121 Descriptive Statistics-II	<u>Statistics Paper-I</u> ST-121 Descriptive Statistics-II
17	<u>Statistics Paper-II</u> ST-122 Probability & Probability Distributions-II	<u>Statistics Paper-II</u> ST-122 Probability And Probability Distributions-II
18	<u>Electronics Paper-I</u> ELE-121 Analog Electronics-II	<u>Electronics Paper-I</u> ELE-121 Analog Electronics-II
19	<u>Electronics Paper-II</u> ELE-122 Digital Electronics-II	<u>Electronics Paper-II</u> ELE-122 Digital Electronics-II
20	<u>Computer Science Paper-I</u> CS-121-Basics of DBMS	<u>Computer Science Paper-I</u> CS-121: Internet Computing

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21	<u>Computer Science Paper-II</u> CS-122- C Programming-II	<u>Computer Science Paper-II</u> CS-122 C Programming-II
22	<u>Information Technology Paper I</u> IT-121 – Web Design-II	<u>Information Technology Paper-I</u> IT-121: Advanced Web Design-II
23	<u>Information Technology Paper- II</u> IT-122 – Object Oriented Programming using C++	<u>Information Technology Paper-II</u> IT-122 Object Oriented Programming-II
24	<u>Microbiology Paper-I</u> MB-121 Cell Biology of Microorganisms	<u>Microbiology Paper-I</u> MB-121 Cell Biology and Microorganism
25	<u>Microbiology Paper- II</u> MB-122 Methods in Microbiology	<u>Microbiology Paper-II</u> MB-122 Methods in Microbiology
26	<u>Biochemistry Paper-I</u> BC-121 Basic Biochemistry	<u>Biochemistry Paper-I</u> BC-121 Basic Biochemistry
27	<u>Biochemistry Paper II</u> BC-122 Microbial Growth & Nutrition	<u>Biochemistry Paper-II</u> BC-122 Fundamentals of Microbiology
28	<u>Exp. Psychology Paper-I</u> PSY-121 Advance Psychological Process	<u>Exp. Psychology Paper-I</u> PSY-121: Advance Psychological Process
29	<u>Exp. Psychology Paper-II</u> PSY-122 Abnormal Psychology	<u>Exp. Psychology Paper-II</u> PSY- 122 Abnormal Psychology –II
30	<u>Biotechnology Paper-I</u> BT-121 Biomolecules	<u>Biotechnology Paper-I</u> BT-121 Biomolecules
31	<u>Biotechnology Paper-II</u> BT-122 Microbial Techniques	<u>Biotechnology Paper-II</u> BT-122 Microbial Techniques
32	<u>Environment Science Paper-I</u> Envi-121 Introduction to Environment-II	<u>Environmental Science Paper-I</u> ENVI-121 Introduction To Environment-II
33	<u>Environment Science Paper-II</u> Envi-122 Natural Resources-II	<u>Environmental Science Paper-II</u> ENVI-122 Natural Resources-II
34	<u>Geoinformatics Paper-I</u> GEOI-201: Fundamentals of Computer: Part-II	<u>Geo informatics Paper-I</u> GEOI-121 Problem Solving Using Computers and Python Programming
35	<u>Geoinformatics Paper-II</u> GEOI-202 Fundamentals of Geoinformatics: Part-II	<u>Geoinformatics Paper-II</u> GEOI-122 Introduction to Geoinformatics-II

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23/02/2017
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