



**Shivaji University, Kolhapur**  
**Equivalence of Various Subjects for B. Sc. Part-III**

Paper No.	B.Sc. III. <b>Botany</b>	Paper No	B.Sc. III <b>Botany</b>
	जुना अभ्यासक्रमातील पेपर		नवीन अभ्यासक्रमातील पेपर
V	Cryptogams, Plant Pathology, Gymnosperms and Palaeobotany.	V	Biology of Cryptogams, Micro-biology and Plant Pathology
VI	Angiosperms – Anatomy, Plants in relation to Human Welfare and Seed Technology.	VI	Gymnosperms, Palaeobotany, Angiosperms and Environmental Biology
VII	Horticulture, Cytology, Genetics, Evolution, Elements of Biosatistics.	VII	Genetics, Plant Breeding and Biostatics.
VIII	Ecology, Forestry, Plant Physiology, Molecular Biology, Biotechnology	VIII	Plant biochemistry, Molecular Biology and Biotechnology

Paper No	B.Sc. III. <b>Seed Technology</b>	Paper No	B.Sc. III <b>Seed Technology</b>
	जुना अभ्यासक्रमातील पेपर		नवीन अभ्यासक्रमातील पेपर
III	Seed Pathology and Seed Entomology	V	Seed Pathology and Seed Entomology
IV	Seed Processing, Storage and Seed farm .	VI	Seed processing, Storage and Seed Farm Management Marketing.

Paper No	B.Sc. III. <b>Plant Protection</b>	Paper No	B.Sc. III <b>Plant Protection</b>
	जुना अभ्यासक्रमातील पेपर		नवीन अभ्यासक्रमातील पेपर
III	Introduction to Chemical Control of Pest and Diseases	IV	Techniques In Plant Protection.
IV	Host Plant Resistance Diseases of Crops	III	Plant Pathogens, Pests and Their Management

Paper No.	B.Sc. III. <b>Chemistry</b>	Paper No	B.Sc. III <b>Chemistry</b>
	जुना अभ्यासक्रमातील पेपर		नवीन अभ्यासक्रमातील पेपर
V	Physical Chemistry	V	Physical Chemistry
VI	Inorganic Chemistry	VI	Inorganic Chemistry
VII	Organic Chemistry	VII	Orgnaic Chemistry
VIII	Analytical and Industrial Chemistry	VIII	Analytical and Industrial Chemistry.

	B.Sc. III. <b>Electronics</b>		B.Sc. III <b>Electronics</b>
पेपर	जुना अभ्यासक्रमातील पेपर	पेपर	नवीन अभ्यासक्रमातील पेपर
V	Paper -Industrial Electronics	VIII	Instrumentation and Power Electronics
VI	Principal of Communication system	VI	Communication system.
VII	Microprocessor and Interfacing Techniques	VII	Microprocessor Interfacing and Micro controller
VIII	Linear Integrated Circuits.	V	Linear Integrated Circuit.

	<b>B.Sc. III. Statistics</b>		<b>B.Sc. III Statistics</b>
पेपर	जुना अभ्यासक्रमातील पेपर	पेपर	नवीन अभ्यासक्रमातील पेपर
V	Statistical Inference	V	Statistical Inference
VI	Design of Experiments and sampling	VI	Design of Experiments and sampling
VII	Probability distributions and C Programming	VII	Probability distribution and Stochastic process.
VIII	Applied Statistics and O. R.	VIII	O. R. and Industrial Statistics

	<b>B.Sc. III. Physics</b>		<b>B.Sc. III Physics</b>
पेपर	जुना अभ्यासक्रमातील पेपर	पेपर	नवीन अभ्यासक्रमातील पेपर
V	Mathematical of Statistical Physics and Classical Mech.	V	Mathematical Physics, Statistical Physics Nuclear & patrician Physics.
VI	Quantum Mechanics and Solid State Physics	VI	Solid state Physics solid state Devices and Energy studies.
VII	Optics and nuclear Physics	VII	Classical Mech, Electrodynamics and Electromagnetic waves
VIII	Electronic and Computer Basics and Programming	VIII	Atomic Phy, Astronomy, Astro Physics and Quantum Mechanic

	<b>B.Sc. III. Microbiology</b>		<b>B.Sc. III Microbiology</b>
पेपर	जुना अभ्यासक्रमातील पेपर	पेपर	नवीन अभ्यासक्रमातील पेपर
V	Virology and Microbial Genetics	V	Virology and Microbial Genetics
VI	Biochemistry and Fermentation Technology	VI	Food, Industrial Microbiology and Microbial Biochemistry.
VII	Agricultural and Environmental Microbiology	VII	Agricultural and Environmental Microbiology
VIII	Immunology, Serology and Clinical Microbiology	VIII	Immunology, Serology and Clinical Microbiology

	<b>B.Sc. III. Mathematics</b>		<b>B.Sc. III Mathematics</b>
पेपर	जुना अभ्यासक्रमातील पेपर	पेपर	नवीन अभ्यासक्रमातील पेपर
V	Analysis	V	Analysis
VI	Algebra	VI	Abstract Algebra
VII	Integral transform and Partial Differential Equation	VII	Complex Analysis and Integral Transform.
VIII	Complex Analysis and Mechanics	VIII	Discrete Mathematics OR Special Theory of Relativity OR Differential Geometry OR Dynamics of Rigid Bodies.

	<b>B.Sc. III. Geology</b>		<b>B.Sc. III Geology</b>
पेपर	जुना अभ्यासक्रमातील पेपर	पेपर	नवीन अभ्यासक्रमातील पेपर
1	Paper V	1	Paper V
2	Paper VI	2	Paper VI
3	Paper VII	3	Paper VII
4	Paper VIII	4	Paper VIII