



SHIVAJI UNIVERSITY, KOLHAPUR

Re-Exam Programme Circular No – 4242 Winter Session Online Exam
Oct/Nov 2020

Faculty:- Science & Technology

Course:- B.Sc Examination **Regular Pattern** (**Course Code 286**)

B.Sc. Part –III Semester – V & VI Oct/Nov 2020 to be held in July 2021

INSTRUCTIONS : Common instruction as per circular No. SU/Appointment/RVC/590 dated 17 -06- 2021 and also available on University website

www.unishivaji.ac.in

Examination will be held online as under.

1- The Examination will be held Online.

B. Sc Part – III Semester – V (University Examination)

Day & Date	Subject Code No.	Time: 12.30 to 1.30 pm
Thursday 01/07/2021	65803	1. Physics Paper – X (Quantum Mechanics)
	65824	2. Chemistry Paper – X (Inorganic Chemistry)
	65837	3. Botany Paper – X (Genetics and Analytical Techniques in Plant Science)
	65849	4. Zoology Paper- X (Biostatistics Bio-informatics and Medical Zoology)
	65870	5. Mathematics Paper – X (Modern Algebra)
	65859	6. Statistics Paper – X (Statistical Inference) – I
	65914	7. Geology Paper – X (Stratigraphy and Paleontology)
	65892	8. Microbiology Paper – X (Immunology & Serology)
	65813	9. Electronics Paper- X (Communication Systems – I)
	65903	10. Computer Science Paper- X (Visual Programming – Using C#)
	66012	11. Food Science & Quality Control Paper – X (Dairy Technology)
	66035	12. Industrial Microbiology Paper- X (Basic Techniques of Biotechnology)
	66057	13. Bio-Technology Paper- X (Opt/Voc) (Animal Cell Culture)
	65961	14. Fisheries Paper- VI (Fish Physiology – II, Biostatistics and Bioinformatics)
	66588	15. Bio-Chemistry (BHC-502-Cell Biology)

B. Sc Part – III Semester – V (University Examination)

Day & Date	Subject Code No.	Time: 12.30 to 1.30 pm
<u>Friday</u> <u>02/07/2021</u>	65804	1. Physics Paper – XI (Classical Mechanics)
	65825	2. Chemistry Paper – XI (Organic Chemistry)
	65838	3. Botany Paper – XI (Fundamentals of Plant Physiology and Ecology)
	65850	4. Zoology Paper – XI (Molecular, Biology Biotechnology and Biotechniques)
	65871	5. Mathematics Paper- XI (Partial Differential Equations)
	65860	6. Statistics Paper – XI (Designs of Experiments)
	65915	7. Geology Paper – XI (Economic Geology)
	65893	8. Microbiology Paper- XI (Food & Industrial Microbiology)
	65814	9. Electronics Paper – XI (8051 Microcontroller Interfacing and Embedded C)
	65904	10. Computer Science Paper – XI (Linux Operating System)
	66013	11. Food Science Paper – XI (Technology of Bakery and Confectionary)
	66036	12. Industrial Microbiology Paper- XI (Quality Assurance in Industrial Products)
	66058	13. Bio-Technology Paper – XI (Optional /Vocational) (Bioprocess Engineering)
	65948	14. Plant-Protection Paper – V (Plant Pathogens and their Management)
	65874	15. Pollution Paper – V (Biomedical Aspects of Pollution)
	65936	16. Seed Technology Paper – IX (Seed Pathology)
	66589	17. Bio-Chemistry (BHC-503 – Bio membrane Transport and Cytoskeleton)

B. Sc Part – III Semester – V (University Examination)

Day & Date	Subject Code No.	Time: 12.30 to 1.30 pm
<u>Saturday</u> 03/07/2021	65805	1. Physics Paper – XII (Atomic and Molecular Spectra Astronomy, Astrophysics)
	65826	2. Chemistry Paper – XII (Industrial Chemistry)
	65839	3. Botany Paper – XII (Plant Biochemistry)
	65851	4. Zoology Paper – XII (Endocrinology, Environmental Biology and Toxicology)
	65873	5. Mathamatic's Paper- XII (Numerical Methods – I)
	65861	6. Statistics Paper – XII (Operations Research)
	65916	7. Geology Paper – XII (Geomorphology, and Remote Sensing)
	65894	8. Microbiology Paper – XII (Agricultural Microbiology)
	65815	9. Electronics Paper – XII (Power Electronic Devices and Applications)
	65905	10. Computer Science Paper – XII (PHP and My SQL)
	66014	11. Food Science & Quality Control Paper- XII (Food quality Control & Waste Management)
	66037	12. Industrial Microbiology Paper – XII (Microbial Productions of Metabolites and bio insecticides)
	66059	13. Bio-Technology Paper – XII (Optional /Vocational) (Fermentation Technology)
	65949	14. Plant- Protection Paper- VI (Plant insect Pests and their Management)
	65875	15. Pollution Paper- VI (Pollution and Society)
	65937	16. Seed Technology Paper – X (Seed Entomology)
	66590	17. Bio-Chemistry (Bio-504 Bio-Chemical Techniques)
<u>Monday</u> 05/07/2021	65872	1. English (Compulsory) (English For Communication)

B. Sc Part – III Semester – V (University Examination)

Day & Date	Subject Code No.	Time: 12.30 to 1.30 pm
<u>Tuesday</u> 06/07/2021	65802	1. Physics Paper – IX (Mathematical and Statistical Physics)
	65823	2. Chemistry Paper – IX (Physical Chemistry)
	65836	3. Botany Paper – IX (Under Restructured Course) (Biology of Non- Vascular Plants and Palaeobotany)
	65848	4. Zoology Paper- IX (Under Restructured Course) (Functional Anatomy of Non Chordates)
	65869	5. Mathematics Paper – IX (Real Analysis)
	65858	6. Statistics Paper – IX (Probability Distributions)
	65913	7. Geology Paper – IX (Dynamics of Earth)
	65891	8. Microbiology Paper – IX (Virology)
	65812	9. Electronics Paper– IX (Linear Integrated Circuits)
	65902	10. Computer Science Paper – IX (Computer Networking)
	66011	11. Food Science & Quality Control Paper – IX (Fermentation Technology)
	66034	12. Industrial Microbiology Paper- – IX (Environmental Microbiology)
	66056	13. Bio-Technology Paper- – IX (Optional /Vocational) (Biochemical Techniques)
	65960	14. Fisheries Paper- V (Fishery Biology – II Aquaculture)
	66587	15. Bio-Chemistry Paper - IX (BHC-501 - Molecular Biology)

2- The Online/Offline examination schedule will be conducted in the following Order:

B. Sc Part – III Semester – VI (University Examination)

Day & Date	Subject Code No.	Time: 4:30 am to 5:30 am
Thursday 01/07/2021	65808	1. Physics Paper - XIV (Energy Studies and Materials Science)
	65831	2. Chemistry Paper – XIV (Inorganic Chemistry)
	65843	3. Botany Paper – XIV (Microbiology and Plants Pathology)
	65854	4. Zoology Paper – XIV (Developmental Biology)
	65880	5. Mathematics Paper- XIV (Linear Algebra)
	65865	6. Statistics Paper – XIV (Statistical Inference - II)
	65920	7. Geology Paper- XIV (Phanerozoic Stratigraphy of India))
	65898	8. Microbiology Paper- XIV (Microbial Biochemistry)
	65819	9. Electronics Paper- XIV (Communication Systems – II)
	65909	10. Computer Science Paper – XIV (Java Programming)
	66018	11. Food Science & Quality Control Paper- XIV (Technology of Meat, Fish & Poultry Products)
	66041	12. Industrial Microbiology Paper- XIV (Application of Bio-Technology)
	66063	13. Bio-Technology Paper- XIV (Optional/Vocational) (Environmental Bio-Technology)
	65970	14. Fisheries Paper – VIII (Fish Pathology and Fishery Technology)
	66593	15. Bio-Chemistry Paper- XIV (Cancer Biology)

B. Sc Part – III Semester – VI (University Examination)

Day & Date	Subject Code No.	Time: 4:30 am to 5:30 am
Friday 02/07/2021	65809	1. Physics Paper- XV (Electrodynamics and Electromagnetic Waves)
	65832	2. Chemistry Paper- XV (Organic Chemistry)
	65844	3. Botany Paper- XV (Plants breeding Biostatistics Ethno Botany and Horticulture)
	65855	4. Zoology Paper- XV (Physiology)
	65881	5. Mathematics Paper- XV (Complex Analysis) s
	65866	6. Statistics Paper- XV (Sampling Theory)
	65921	7. Geology Paper- XV (Prospecting and Mineral Exploration)
	65899	8. Microbiology Paper- XV (Environmental Microbiology)
	65820	9. Electronics Paper- XV (Advanced Microcontroller Architecture PIC)
	65910	10. Computer Science Paper- XV (Advanced Linux Applications)
	66019	11. Food Science & Quality Control Paper- XV (Food Hygiene & Sanitation)
	66042	12. Industrial Microbiology Paper- XV (Industrial Management, Government Laws and Regulations)
	66064	13. Bio-Technology Paper- XV (Optional /Vocational) (Cell Metabolism and Virology)
	65955	14. Plant Protection Paper- VII (Field Techniques in Plants Production)
	65981	15. Pollution Paper- VII (Terrestrial Pollution and Recycling)
	65943	16. Seed Technology Paper- XI (Seed Processing and Storage)
	66594	17. Bio-Chemistry Paper- XV (Clinical Bio-Chemistry)

B. Sc Part – III Semester – VI (University Examination)

Day & Date	Subject Code No.	Time: 4:30 am to 5:30 am
<u>Saturday</u> 03/07/2021	65810	1. Physics Paper- XVI (Solid State Physics)
	65833	2. Chemistry Paper- XVI (Analytical Chemistry)
	65845	3. Botany Paper – XVI (Molecular Biology and Biotechnology)
	65856	4. Zoology Paper- XVI (Applied Zoology)
	65883	5. Mathematics Paper- XVI (Numerical Methods- II)
	65867	6. Statistics Paper – XVI (Quality Management and Data mining)
	65922	7. Geology Paper – XVI (Environmental Geology and Hydrogeology)
	65900	8. Microbiology Paper - XVI (Clinical Microbiology)
	65821	9. Electronics Paper- XVI (Electronic Instrumentation)
	65911	10. Computer Science Paper - XVI (E- Commerce)
	66020	11. Food Science & Quality Control Paper – XVI (Food Packaging Technology)
	66043	12. Industrial Microbiology Paper- XVI (Microbial Fermentations, Food and Befouls)
	65956	13. Plant Protection Paper – VIII (Laboratory Techniques in Plant Protection)
	66065	14. Bio-Technology Paper- XVI (Optional/Vocational) (Gene Biotechnology and Bioinformatics)
	65982	15. Pollution Paper – VIII (Monitoring and Control of Pollution)
	65944	16. Seed Technology Paper – XII (Seed Farm Management and Marketing)
	66595	17. Bio-Chemistry Paper – XVI (Fermentation Technology)
<u>Monday</u> 05/07/2021	65806	English (Compulsory) (English for Communication)

B. Sc Part – III Semester – VI (University Examination)

Day & Date	Subject Code No.	Time:10:30 am to 11:30 am
Tuesday 06/07/2021	65807	1. Physics Paper - XIII (Nuclear and Particle Physics)
	65830	2. Chemistry Paper – XIII (Physical Chemistry)
	65842	3. Botany Paper – XIII (Biology of Vascular Plants)
	65853	4. Zoology Paper – XIII (Comparative Anatomy of Vertebrates)
	65879	5. Mathematics Paper – XIII (Metric Spaces)
	65864	6. Statistics Paper – XIII (Probability Theory and Applications)
	65919	7. Geology Paper – XIII (Proterozoic Stratigraphy of India)
	65897	8. Microbiology Paper – XIII (Microbial Genetics)
	65818	9. Electronics Paper- XIII (Industrial Processes control and PLC Programming)
	65908	10. Computer Science Paper - XIII (Network Technology and Windows Sever 2008)
	66017	11. Food Science & Quality Control Paper – XIII (Food Bio-Technology)
	66040	12. Industrial Microbiology Paper - XIII (Environmental Pollution and Control)
	66062	13. Bio-Technology Paper – XIII (Optional /Vocational) (Plant Bio-Technology)
	65969	14. Fisheries Paper- VII (Marine Biology and Fisheries)
	66592	15. Bio-Chemistry Paper – XIII (Neurochemistry)

IMPORTANT

In Case of any Query found in respective Question Paper, student shall communicate the same through Principal/Senior Supervisor within 07 days from the date of concerned Question Paper to Deputy Registrar, Appointment Section, Room No. 205 Exam . Building No. 1 Shivaji University, Kolhapur- 416004.

Note: -

The Examination Programme is subject to change, Candidates are therefore advised to see the Exam. Programme if there is any change in the Examination Programme the University is not responsible for loss or inconvenience caused to the candidates.

**VIDYANAGAR
KOLHAPUR – 416 004
Date :- 25 / 06 / 2021**

**S/d
Shri. G. R. Palse
I/c. Director,
Board of Examination and Evaluation**