

SHIVAJI UNIVERSITY, KOLHAPUR

Final Programme

B. Sc. Part - I, II & III
Exam. March/April, 2008

Circular No. Exam. 311 of 2008

Final Programme of the B. Sc. Part-I, B. Sc. Part-II and B. Sc. Part-III Examinations to be held in March/April, 2008

1. Students should see their Seat No. and Name in the Namelist and mistakes if any should be communicated to this office IMMEDIATELY. All candidates are requested to confirm their Examination Seat No. as well as place of examination on the Notice Board of the University/College mentioned below at least **Two** days before the date of Examination. The candidate should write correct Seat No. on each answer Book. If candidate writes wrong Seat No. on answer Book the performance of such subject will not be considered.
2. Candidates are requested to be present at their respective places of examinations **FIFTEEN MINUTES** before the time of starting of the first paper and **TEN MINUTES** before the time of starting of each subsequent paper. Candidates are forbidden to take any book or paper into the Examination Hall.
3. Candidate should write answers in **BLUE INK** only.
4. The use of stencils is allowed at the Examinations.
5. The students are allowed to use the **Non Programmable Scientific Calculators for numerical calculations at their own cost. University will not supply such calculators.**
6. Cellular Phone, Programmable Scientific Calculator and Digital Diary or any other means which can be used for unfair practice are not allowed in the Examination Hall.
7. Seating arrangement is made datewise and subjectwise; therefore, candidates are requested to see their seating arrangement one day before the date of examination.
8. The Centres and places of the Examinations will be as follows :

| Centre | Code No. | Examinations | Place (Theory i.e. written Examination.) |
|--------------------------|----------|---|--|
| KOLHAPUR DISTRICT | | | |
| 1. Kolhapur | 003 | B. Sc. Part- II B. Sc. Part-I & II B. Sc. Part- II B. Sc. Part-III B. Sc. Part-I B. Sc. Part-III B. Sc. Part-I B. Sc. Part-I B. Sc. Part-II & III | 1) D.R.K. College of Commerce 2) Gopal Krishna Gokhale College 3) Shri Shahaji Chh. Mahavidyalaya 4) Vivckanand College 5) Shahaji Law College 6) Rajaram College 7) Kamla College 8) D. D. Shinde Sarkar, College 9) College of Non- Conventional course For Women Clo chn. Shahu Central Institute of Business Education and Research. |
| 2. Ichalkaranji | 009 | B. Sc. Part-I, II & III | Smt. A.R.P. Kanya Mahavidyalaya |
| 3. Jaysingpur | 004 | B. Sc. Part-I, II & III | Smt. G. K. Ghodawat Kanya Mahavidyalaya |
| 4. Gadhinglaj | 013 | B. Sc. Part-I, II & III | Dr. Ghali College, Gadhinglaj |
| 5. Arjunnagar | 016 | B. Sc. Part-I, II & III | Devchand College |
| 6. Warananagar | 010 | B. Sc. Part-I, II & III | Yashwantrao Chavan Warana Mahavidyalaya |
| 7. Kurukali | 018 | B. Sc. Part-I, II & III | Bhogawati Mahavidyalaya. |
| 8. Ajara | 020 | B. Sc. Part-I, II & III | Ajara Mahavidyalaya. |
| 9. Bidri (Mouninagar) | 027 | B. Sc. Part-I, II & III | Doodhsakhar Mahavidyalaya. |
| 10. Kapsi | 022 | B. Sc. Part-I, II & III | Shrisant Gadagbaba Mahavidyalaya *(Seating arrangement of Malkapur Centre) |

(P.T.O.)

| Centre | Code No. | Examinations | Place (Theory i.e. written Examination.) |
|-------------------------|----------|--|--|
| 11. *Chandgad | 037 | B. Sc. Part-I, II & III | Arts, Comm. & Science College. *(Seating arrangement of Halkarni Centre also) |
| 12. Peth-Vadgaon | 021 | B. Sc. Part-I, II & III | B.Ed. College |
| 13. Halkarni | | B. Sc. I, II & III | Yeshwantrao Chavan Mahavidyalaya |
| 14. Gargoti | | B. Sc. I | K. Hire Arts, Comm. & Science and Edu College |
| SANGLI DISTRICT | | | |
| 1. Sangli | 011 | B. Sc. Part-II & III B. Sc. Part-I B. Sc. Part-I & III B. Sc. Part-I | 1) Willingden College 2) Ganpatrao Arwade College of Commerce 3) Dr. Patangrao Kadam College 4) N. S. Law College |
| 2. Miraj | 040 | B. Sc. Part-I, II & III | S. M. Dr. Papuji Salunkhe College |
| 3. Vita | 041 | B. Sc. Part-I, II & III | Balwant College |
| 4. Urun-Islampur | 042 | B. Sc. Part-I, II & III | Yeshwantrao Chavan artis & Comm. College |
| 5. Tasgaon | 043 | B. Sc. Part-I, II & III | Padmabhushan Dr. Vasantodada Patil Mahavidyalaya. |
| 6. Ramanandnagar | 044 | B. Sc. Part-I, II & III | Arts, Science & Commerce College. |
| 7. *Jath | 045 | B. Sc. Part-I, II & III | Raje Ramrao Mahavidyalaya. |
| 8. Kavathe Mahankal | 046 | B. Sc. Part-I, II & III | Padmabhushan Vasantodada Patil Mahavidyalaya. |
| 9. Kadegaon | 052 | B. Sc. Part-I, II & III | B.V.P.'s Matoshri Bayabai Shripatrao Kadam Kanya Mahavidyalaya. |
| 10. Walwe | 054 | B. Sc. Part-I, II & III | Krantisinh Nana Patil College. |
| 11. Palus | 055 | B. Sc. Part-I, II & III | Arts, Commerce & Science College. |
| 12. Kokarud | 059 | B. Sc. Part-I, II & III | Baba Naik Mahavidyalaya. *(Seating arrangement of Chikhali Centre also) |
| 13. Atpadi | 050 | B. Sc. Part-I, II & III | Atpadi College, Atpadi |
| 14. Umidi | 342 | B. Sc. Part-I, II & III | Arts, Science & Commerce College |
| SOLAPUR DISTRICT | | | |
| 1. Solapur | 012 | B. Sc. Part-I, II & III | Hirachand Nemchand College of Commerce |
| 2. Pandharpur | 005 | B. Sc. Part-I, II & III | Uma Mahavidyalaya |
| SATARA DISTRICT | | | |
| 1. Satara | 008 | 1. B. Sc. Part-I, II 2. B. Sc. Part-III 3. B. Sc. Part-I & II 4. B. Sc. Part-III 5. B. Sc. Part-I & II | 1) Yeshwantrao Chavan Inst. of Science 2) Dhananjayrao Gadgil College of Comm. 3) Arts and Comm. Collage Yadogopal Peth 4) Ismail Saheb mulla Law College 5) S. P. Mahila Mahavidyalye |
| 2. Phaltan | 073 | B. Sc. Part-I, II & III | Mudhoji College |
| 3. Khatav | 074 | B. Sc. Part-I, II & III | Shahajiraje Mahavidyalaya. |
| 4. Karad | 002 | B. Sc. Part-I,II & III B. Sc. Part-I, II & III | 1) S. M. Dr. Bapuji Salunkhe Mahavidyalaya 2) S. G. M. College, Karad |
| 5. Patan | 075 | B. Sc. Part-I, II & III | Balasaheb Desai College. |

| Centre | Code No. | Examinations | Place (Theory i.e. written Examination.) |
|------------------|----------|-------------------------|---|
| 6. Wai | 077 | B. Sc. Part-I, II & III | Kisan Veer Mahavidyalaya. |
| 7. Koregaon | 078 | B. Sc. Part-I, II & III | D. P. Bhosale College. |
| 8. Dahiwadi | 080 | B. Sc. Part-I, II & III | Dahiwadi College. |
| 9. Lonand | 081 | B. Sc. Part-I, II & III | Arts, Science & Commerce College. |
| 10. Rethare (BK) | 084 | B. Sc. Part-I, II & III | Krishna Mahavidyalaya. |
| 11. Aundh | 089 | B. Sc. Part-I, II & III | Raja Shripatrao Bhagwantrao Mahavidyalaya. |
| 12. Mhaswad | 092 | B. Sc. Part-I, II & III | Shrimant Bhaiyasaheb Rajemane Mahavidyalaya |
| 13. Khandala | | B. Sc. Part-I | Rajendra Mahavidyalaya |

| DAY & DATE | Subject Code. No. | B. Sc. Part-III |
|------------|-------------------|---------------------------------|
| | | Time : 3-00 p. m. to 6-00 p. m. |

| | | |
|----------------------|------|---|
| Monday, 24-3-2008 | 9007 | 1. Physics Paper-V (Physics Paper-V Under Restructured Course) (Mathematical Physics & Statistical Physics, Nuclear & Particle Physics) |
| | 9013 | 2. Chemistry Paper-V (Physical Chemistry) |
| | 9019 | 3. Botany Paper-V (Botany Paper-V under restructured Course) (Biology of Cryptogams, Microbiology and Plant Pathology) |
| | 9025 | 4. Zoology Paper-V (Functional Anatomy of Non-Chordates, Biostatistics, Bio informatics and Medical Zoology) |
| | 9001 | 5. Mathematics Paper-V (Analysis) |
| | 9031 | 6. Statistics Paper-V (Statistical Inference) |
| | 9037 | 7. Geology Paper-V (Earth's Physics and Dynamics, Earth's History : Stratigraphy and Paleontology) |
| | 9043 | 8. Microbiology Paper-V (Virology and Microbial genetics) |
| | 9049 | 9. Electronics Paper-V (Linear Integrated Circuit) |
| | 2631 | 10. Computer Science Paper-V (Net Working-concept & Administration) |
| | 2648 | 11. Chemistry & Industrial Chemistry Paper-V (Physical & Inorganic Chemistry) |

| DAY & DATE | Subject Code. No. | B. Sc. Part-III | |
|-----------------------------------|-------------------|---------------------------------|--|
| | | Time : 3-00 p. m. to 6-00 p. m. | |
| Monday, 24-3-2008 (Contd..) | 9107 | 12. | Food Sc. & Qty. Control Paper-V (Food Toxicology, Food Analysis, Adulteration & Testing) |
| | 4005 | 13. | Industrial Microbiology Paper-V (Environmental Microbiology and Bioremediation of Wastes and Pollutants) |
| | 5002 | 14. | Bio-Technology Paper-V (Cell Bio-Technology) (VOC.) |
| | | 15. | Bio-Technology paper -V (Principal) |
| Tuesday, 25-3-2008 | 9008 | 1. | Physics Paper-VI (Physics Paper-VI under Restructured Course) (Solid State Physics, Solid State Devices, Energy Studies & Environmental Physics) |
| | 9014 | 2. | Chemistry Paper-VI (Inorganic Chemistry) |
| | 9020 | 3. | Botany Paper-VI (Botany Paper-VI under restructured Course) (Gymnosperms, Palaeobotany, Angiosperms and Environmental biology) |
| | 9026 | 4. | Zoology Paper-VI (Comparative Anatomy of Chordates & Developmental Biology) |
| | 9002 | 5. | Mathematics Paper-VI (Abstract Algebra) |
| | 9032 | 6. | Statistics Paper-VI (Design of Experiments and Sampling Methods) |
| | 9038 | 7. | Geology Paper-VI (Stratigraphy of India) |
| | 9044 | 8. | Microbiology Paper-VI (Food, Industrial Microbiology and Microbial Biochemistry) |
| | 9050 | 9. | Electronics Paper-VI (Communication Systems) |
| | 2632 | 10. | Computer Science Paper-VI (Visual Programming) |
| | 2649 | 11. | Chemistry & Industrial Chemistry Paper-VI (Organic & Inorganic Chemistry) |
| | 9108 | 12. | Food Sc. & Qty. Control Paper-VI (Introduction to Entrepreneurship Development and Food Manufacture) |
| | 4006 | 13. | Industrial Microbiology Paper-VI (Industrial Biotechnology, Tissue Culture and Immuno Technology) |
| | 5003 | 14. | Bio-Technology Paper-VI (VOC) (Enzyme Technology and Environmental Bio-Technology) |
| | | | 15. |
| Wednesday, 26-3-2008 | 9009 | 1. | Physics Paper-VII (Classical Mechanics, Electrodynamics and Electromagnetic Waves) |
| | 9015 | 2. | Chemistry Paper-VII (Organic Chemistry) |
| | 9021 | 3. | Botany Paper-VII (Genetics, Microbial Genetics, Plant Breeding and Biostatistics) |
| | 9027 | 4. | Zoology Paper-VII (Zoology Paper-III Under Restructured Course) (Physiology, Endocrinology, Environmental Biology and Toxicology) |

B. Sc. Part-III (Contd..)

| DAY & DATE | Subject Code. No. | B. Sc. Part-III | | |
|--------------------------------------|------------------------|---------------------------------|---|---|
| | | Time : 3-00 p. m. to 6-00 p. m. | | |
| Wednesday, 26-3-2008 (Contd..) | 9003 | 5. | Mathematics Paper-VII (Complex Analysis & Integral Transforms) | |
| | 9033 | 6. | Statistics Paper-VII (Probability Distributions & Stochastic Process) | |
| | 9039 | 7. | Geology Paper-VII (Economic Geology) | |
| | 9045 | 8. | Microbiology Paper-VII (Agricultural and Environmental Microbiology) | |
| | 9051 | 9. | Electronics Paper-VII (Microprocessor and Micro Controller) | |
| | 2633 | 10. | Computer Science Paper-VII (Unix Operating System) | |
| | 2650 | 11. | Chemistry & Industrial Chemistry Paper-VII (Chemical Process Economics & Analysis) | |
| | 9109 | 12. | Food Sc. & Qty. Control Paper-VII (Food Technology-I) | |
| | 4007 | 13. | Industrial Microbiology Paper-VII (Industrial Management, Government Laws and Regulations, Quality Assurance in Industrial Products) | |
| | 5004 | 14. | Bio-Technology Paper-VII (VOC.) (Microbial Technology) | |
| | | 15. | Bio- Technology paper - VII (Prin) (Microbial Technology) | |
| | Thursday, 27-3-2008 | 9010 | 1. | Physics Paper-VIII (Atomic Physics, Astronomy, Astrophysics and Quantum Mechanics) |
| | | 9016 | 2. | Chemistry Paper-VIII (Analytical and Industrial Chemistry) |
| | | 9022 | 3. | Botany Paper-VIII (Biochemistry, Molecular Biology and Biotechnology) |
| | | 9028 | 4. | Zoology Paper-VIII (Zoology Paper-IV Under Restructured Course) (Molecular Biology, Biotechnology, Biotechniques and Applied Zoology) |
| 9131 | | 5. | Mathematics Paper-VIII A) Discrete Mathematics | |
| 9132 | | | B) Special Theory of Relativity | |
| 9133 | | | C) Differential Geometry | |
| 9134 | | | D) Dynamics of Rigid Bodies | |
| 9135 | | | E) Application of Mathematics in Finance and Insurance | |
| 9034 | | 6. | Statistics Paper-VIII (Operations Research and Industrial Statistics) | |
| 9040 | | 7. | Geology Paper-VIII : (Environmental Geology and Geomorphology, Hydrogeology and Remote Sensing) | |
| 9046 | | 8. | Microbiology Paper-VIII (Immunology, Serology and Clinical Microbiology) | |
| 9052 | | 9. | Electronics Paper-VIII (Instrumentation and Power Electronics) | |
| 2634 | | 10. | Computer Science Paper-VIII (Computer Center Management) | |

B. Sc. Part-III (Contd..)

| DAY & DATE | Subject Code. No. | B. Sc. Part-III | |
|-------------------------------------|-------------------|---------------------------------|---|
| | | Time : 3-00 p. m. to 6-00 p. m. | |
| Thursday, 27-3-2008 (Contd..) | 2651 | 11. | Chemistry & Industrial Chemistry Paper-VIII (Heavy & Fine Chemicals) |
| | 9110 | 12. | Food Sc. & Qty. Control Paper-VIII (Food Technology-II) |
| | 4008 | 13. | Industrial Microbiology Paper-VIII (Advances in Fermentation Technology and Productions of Advanced Products.) |
| | 5005 | 14. | Bio-Technology Paper-VIII (VCO.) (Methods in Bio-Technology) |
| | | 15. | Bio- Technology paper - VIII (Prin) |
| Friday, 28-3-2008 | 9076 | 1. | Plant-Protection Paper-III (Plant Pathogens, Pests and Their Management) |
| | 2639 | 2 | Pollution Paper-III (Biomedical Aspects of pollution and Terrestrial Pollution and Recycling) |
| | 9090 | 3. | Fisheries Paper-III (Fishery Biology-II, Aquaculture Management, Fish Physiology II & Biostatistics) |
| | 9097 | 4. | Seed Technology Paper-V (Seed Pathology and Seed Entomology) |
| | 2658 | 5 | Instrumentation-Paper-VII (Transducers & Signal Conditioners and Environmental Instrumentation) |
| Saturday, 29-3-2008 | 9077 | 1. | Plant-Protection Paper-IV (Techniques in Plant Protection) |
| | 2640 | 2 | Pollution Paper-IV (Pollution and Society & Monitoring and Control of Pollution) |
| | 9091 | 3. | Fisheries Paper-IV (Marine Ecology and Fisheries, Fish pathology and fishery Technology) |
| | 9098 | 4. | Seed Technology Paper-VI (Seed Processing Storage & Seed Farm Management, Marketing) |
| | 2659 | 5 | Instrumentation Paper-VIII (Analytical & Biomedical Instrumentation & Entrepreneurship) |
| Monday, 31-3-2008 | 9000 | 1. | English (Compulsory) (English for Communication) |

B. Sc. Part-II

| DAY & DATE | Subject Code No. | Time : 11-00 a. m. to 2-00 p. m. | Subject Code No. | Time : 3-00 p. m. to 6-00 p. m. |
|------------------------|-------------------------|--|-------------------------|--|
| Sunday, 30-3-2008 | — | — | 1599 | Environmental Studies (Compulsory) |
| Tuesday, 1-4-2008 | 1577 | 1. CHEMISTRY PAPER-III (OLD COURSE) (Physical & Inorganic Chemistry) | — | — |
| | 10077 | 1. CHEMISTRY PAPER-III (NEW COURSE) (Physical & Inorganic Chemistry) | — | — |
| Wednesday, 2-4-2008 | 1577 | 1. CHEMISTRY PAPER-IV (OLD COURSE) (Organic & Inorganic Chemistry) | | |
| | 10077 | 1. CHEMISTRY PAPER-IV (NEW COURSE) (Organic & Inorganic Chemistry) | | |
| Thursday, 3-4-2008 | 1576 | 1. Physics Paper-III (OLD COURSE) (General Physics, Sound and Acoustics and Optics and Lasers) | 1591 | 1. PLANT PROTECTION PAPER-I (OLD COURSE) (Major Crops, Methods of Integrated Plant-Protection and Crop Diseases) |
| | | | 10091 | 1. PLANT PROTECTION PAPER-I (NEW COURSE) (Major Crops, Methods of Integrated Plant-Protection and Crop Diseases) |
| | 10076 | 1. Physics Paper-III (NEW COURSE) (General Physics, Sound and Acoustics and Optics and Lasers) | 1592 | 2. FISHERIES PAPER-I (OLD COURSE) (Fishery Biology-I and Fish Physiology-I) |
| | | | 10092 | 2. FISHERIES PAPER-I (NEW COURSE) (Fishery Biology-I and Fish Physiology-I) |
| | | | 1586 | 3. FOOD SCIENCE & QUALITY CONTROL PAPER-III (Preservation Packaging & Sensory evaluation of food) |
| | | | 2495 | 4. INDUSTRIAL MICROBIOLOGY PAPER III (OLD COURSE) (Fermentation Technology & Food Microbiology) |
| | | | 10095 | 4. INDUSTRIAL MICROBIOLOGY PAPER-III (NEW COURSE) (Industrial production of Fermented Foods, Beverages and Biofertilizers.) |
| | | | 3836 | 5. BIO-TECHNOLOGY PAPER-III (Vocational) (Bio-physics, Immunology and Animal Cell Culture-I) |
| | | | 1601 | 6. BIO-TECHNOLOGY PAPER-III (Optional) (Enzyme Technology & Immunology) |
| Friday, 4-4-2008 | 1576 | 1. PHYSICS PAPER-IV (OLD COURSE) (Electronics, Computer Programming and Relativity, Modern Physics) | 1591 | 1. PLANT PROTECTION PAPER-II (OLD COURSE) (Introduction to weeds, Non- insect Pests & insect pests.) |
| | 10076 | 1. PHYSICS PAPER-IV (NEW COURSE) (Electronics, Computer Programming and Relativity, Modern Physics) | 10091 | 1. PLANT PROTECTION PAPER-II (NEW COURSE) (Introduction to weeds, Non- insect Pests & insect pests.) |

B. Sc. Part-II (Contd..)

| DAY & DATE | Subject Code No. | Time : 11-00 a. m. to 2-00 p. m. | Subject Code No. | Time : 3-00 p. m. to 6-00 p. m. |
|-------------------------------------|-------------------------|--|-------------------------|--|
| Friday, 4-4-2008 (Contd.....) | | | 1592 | 2. FISHERIES PAPER-II (OLD COURSE) |
| | | | 10092 | 2. FISHERIES PAPER-II (NEW COURSE) (Inland Fisheries and aqua culture.) |
| | | | 1586 | 3. FOOD SCIENCE & QUALITY CONTROL PAPER-IV (Post Harvest Technology and Analytical Instrumentation) |
| | | | 2495 | 4. INDUSTRIAL MICROBIOLOGY PAPER-IV (OLD COURSE) (Agricultural microbiology & Bio-Fertilizers) |
| | | | 10095 | 4. INDUSTRIAL MICROBIOLOGY PAPER-IV (NEW COURSE) (Fermentation Technology & quality control of Industrial Product) |
| | | | 3836 | 5. BIO-TECHNOLOGY PAPER-IV (Vocational) (Molecular Biology and Recombinate DNA Technology & Animals & Cell Culture- II) |
| | | | 1601 | 6. BIO-TECHNOLOGY PAPER-IV (Optional) (Molecular Biology and Recombinate DNA Technology) |
| Saturday, 5-4-2008 | 1579 | 1. ZOOLOGY PAPER-III (OLD COURSE) (Animal Diversity-III, Genetics & Biological Chemistry) | 1588 | 1. ASTRO-PHYSICS PAPER-I (OLD COURSE) (Fundamentals of Astro-Physics) |
| | | | 10088 | 1. ASTRO-PHYSICS PAPER-I (NEW COURSE) (Fundamentals of Astro-Physics) |
| | 10079 | 1. ZOOLOGY PAPER-III (NEW COURSE) (Animal Diversity-III, Genetics & Biological Chemistry) | 2534 | 2. METEOROLOGY PAPER-I (General Meteorology & Meteorological Instruments) |
| | 1580 | 2. STATISTICS PAPER-III (OLD COURSE) (Continuous Probability Distributions) | 1589 | 3. GEO-CHEMISTRY PAPER-I (Introduction to Geo-Chemistry) |
| | | | 2542 | 4. POLLUTION PAPER-I (Ecology and Pollution) |
| | 10080 | 2. STATISTICS PAPER-III (NEW COURSE) (Continuous Probability Distributions) | 2532 | 5. INDUSTRIAL CHEMISTRY PAPER-III |
| | | | 1587 | 6. SEED TECHNOLOGY PAPER-III (OLD COURSE) (Hybrid Seed Production & Vegetable Seed Production) |
| | | | 10087 | 6. SEED TECHNOLOGY PAPER-III (NEW COURSE) (Hybrid Seed Production & Vegetable Seed Production) |
| | | | 1585 | 7. INSTRUMENTATION PAPER-III (Digital Electronics & Micro Processors) |
| | | | | 1588 |
| Monday, 7-4-2008 | 1579 | 1. ZOOLOGY PAPER-IV (OLD COURSE) (Animal Diversity-IV, Histology & Physiology) | 10088 | 1. ASTRO-PHYSICS PAPER-II (NEW COURSE) (Fundamentals of Astro-Physics) |

B. Sc. Part-II (Contd..)

| DAY & DATE | Subject Code No. | Time : 11-00 a. m. to 2-00 p. m. | Subject Code No. | Time : 3-00 p. m. to 6-00 p. m. |
|-----------------------------------|-------------------------|---|-------------------------|---|
| Monday 7-4-2008 (Contd....) | 10079 | 1. ZOOLOGY PAPER-IV (NEW COURSE) (Animal Diversity-IV, Histology & Physiology) | 2534 | 2. METEOROLOGY PAPER-II (Climatology Statistical Method & Weather Analysis) |
| | 1580 | 2. STATISTICS PAPER-IV (OLD COURSE) (Discrete Distributions and Statistical Methods) | 1589 | 3. GEO-CHEMISTRY PAPER-II (Applied Geo-Chemistry) |
| | 10080 | 2. STATISTICS PAPER-IV (NEW COURSE) (Bivariate Discrete Distribution's and Statistical methods) | 2542 | 4. POLLUTION PAPER-II (Water Pollution) |
| | | | 2532 | 5. INDUSTRIAL CHEMISTRY PAPER-IV |
| | | | 1587 | 6. SEED TECHNOLOGY PAPER-IV (OLD COURSE) (Seed Testing & Seed Quality Control) |
| | | | 10087 | 6. SEED TECHNOLOGY PAPER-IV (NEW COURSE) (Seed Testing & Seed Quality Control) |
| | | | 1585 | 7. INSTRUMENTATION PAPER-IV (Optical & Vacuum Instrumentation) |
| Tuesday, 8-4-2008 | 1578 | 1. BOTANY PAPER -III (Plant Physiology and Ecology) | 1575 | 1. MATHEMATICS PAPER-III (OLD COURSE) (Advanced Calculus) |
| | 10078 | 1. BOTANY PAPER-III (NEW COURSE) (Plant Physiology and Ecology) | 10075 | 1. MATHEMATICS PAPER-III (NEW COURSE) (Advanced Calculus) |
| Wednesday, 9-4-2008 | 1578 | 1. BOTANY PAPER -IV (OLD COURSE) (Development of plants and Their Utilization) | 1575 | 1. MATHEMATICS PAPER IV (OLD COURSE) (Differential Equations) |
| | 10078 | 1. BOTANY PAPER -IV (NEW COURSE) (Development of plants and Their Utilization) | 10075 | 2. MATHEMATICS PAPER IV (NEW COURSE) (Differential Equations) |
| Thursday, 10-4-2008 | 2527 | 1. GEOGRAPHY PAPER-III (Environmental Geography) | 1583 | 1. PSYCHOLOGY PAPER-III (Cognitive Psychology) |
| | 1584 | 2. ELECTRONICS PAPER -III (OLD COURSE) (Linear & Electronics Circuits) | 1581 | 2. GEOLOGY PAPER -III (OLD COURSE) (Optics, Mineralogy & Structural Geology) |
| | 10084 | 2. ELECTRONICS PAPER -III (NEW COURSE) (Linear & Electronics Circuits) | 10081 | 2. GEOLOGY PAPER -III (NEW COURSE) (Mineralogy & Optics, Structural Geology, Photo Geology and Hydrogeology) |
| | | | 1582 | 3. MICROBIOLOGY PAPER -III (OLD COURSE) (General Microbiology) |
| | | | 10082 | 3. MICROBIOLOGY PAPER-III (NEW COURSE) (General Microbiology) |
| Friday, 11-4-2008 | 2527 | 1. GEOGRAPHY PAPER-IV (Geography of India) | 1583 | 1. PSYCHOLOGY PAPER -IV (Applied Psychology) |
| | 1584 | 2. ELECTRONICS PAPER -IV (OLD COURSE) (Pulse Circuit, Introductions to Microprocessor 8085 and Computer Programming 'C') | 1581 | 2. GEOLOGY PAPER -IV (OLD COURSE) (Petrology Igneous, Sedimentary and Metamorphic.) |
| | | | 10081 | 2. GEOLOGY PAPER -IV (NEW COURSE) (Igneous Petrology Sedimentary and meteoritic Petrology) |
| | | | 1582 | 3. MICROBIOLOGY PAPER -IV (OLD COURSE) (Applied Microbiology) |

B. Sc. Part-II (Contd..)

| DAY & DATE | Subject Code No. | Time : 11-00 a. m. to 2-00 p. m. | Subject Code No. | Time : 3-00 p. m. to 6-00 p. m. |
|-----------------------------------|-------------------------|---|-------------------------|---|
| Friday, 11-4-2008 (Contd..) | 10084 | 2. ELECTRONICS PAPER-IV (NEW COURSE) (Pulse Circuit, Introductions to Microprocessor 8085 and Computer Programming 'C') | 10082 | 3. MICROBIOLOGY PAPER-IV (NEW COURSE) (Applied Microbiology) |
| Saturday, 12-4-2008 | 2528 | 1. COMPUTER SCIENCE PAPER-III (File Structures) | 1590 | 1. BIO-CHEMISTRY PAPER-I (OLD COURSE) (Biomolecules & Biochemical Techniques) |
| | | | 10090 | 1. BIO-CHEMISTRY PAPER-I (NEW COURSE) (Biomolecules & Biochemical Techniques) |
| Tuesday, 15-4-2008 | 2528 | 1. COMPUTER SCIENCE PAPER-IV (OOP & Advanced Programming) | 1590 | 1. BIO-CHEMISTRY PAPER-II (OLD COURSE) (Metabolism, Nutrition & Bio-technology) |
| | | | 10090 | 1. BIO-CHEMISTRY PAPER-II (NEW COURSE) (Metabolism, Nutrition & Bio-technology and Bioinformatics) |

B. Sc. Part-I

| DAY & DATE | Subject Code No. | Time : 11-00 a. m. to 2-00 p. m. | Subject Code No. | Time : 3-00 p. m. to 6-00 p. m. |
|-------------------------|------------------|---|------------------|---|
| Wednesday, 16-4-2008 | 10003 | 1. CHEMISTRY PAPER-I (Physical and Inorganic Chemistry) | 1563 | 1. INSTRUMENTATION PAPER-I (Instrument Mechanisms & Metrology) |
| Thursday, 17-4-2008 | 10003 | 1. CHEMISTRY PAPER-II (Organic and Inorganic Chemistry) | 1563 | 1. INSTRUMENTATION PAPER-II (Mechanical Measurements and Basic Electronics & Instrumentation) |
| Saturday 19-4-2008 | 10002 | 1. Physics-Paper-I (Mechanics, Properties of Matter, Kinetic Theory of gases, Heat and Thermodynamics) | 10016 | 1. Industrial Microbiology Paper-I (Fundamentals of Industrial Microbiology) |
| | | | 1564 | 2. FOOD SCIENCE & QUALITY CONTROL PAPER-I (Basic Nutrition and Food Chemistry) |
| | | | 4004 | 3. BIO-TECHNOLOGY PAPER-I (Vocational) (Basics for Biotechnology - I) |
| | | | 1600 | 4. BIO-TECHNOLOGY PAPER-I (Optional) (Basics for Bio-Technology-I) (Biological Chem., Bio-Physics & Maths, Bio-Statistics, Computer) |
| Monday, 21-4-2008 | 10002 | 1. PHYSICS PAPER-II (Oscillations, Waves, Optics, Electricity, Magnetism and Basic Electronics) | 10016 | 1. Industrial Microbiology Paper-II (Fermentation Equipment and Techniques) |
| | | | 1564 | 2. FOOD SCIENCE & QUALITY CONTROL PAPER-II (Food Microbiology, Sanitation & Hygiene) |
| | | | 4004 | 3. BIO-TECHNOLOGY PAPER-II (Vocational) (Basics for Biotechnology - II) |
| | | | 1600 | 4. BIO-TECHNOLOGY PAPER-II (Optional) (Basics for Biotechnology-II) (Cell Biology & Microbiology, Genetics) |
| Tuesday 22-4-2008 | 10005 | 1. ZOOLOGY PAPER-I (Animal Diversity-I, Cell Biology & Genetics) | 2513 | 1. INDUSTRIAL CHEMISTRY PAPER-I |
| | 10006 | 2. STATISTICS PAPER-I (Descriptive Statistics) | 10015 | 2. SEED TECHNOLOGY PAPER-I (Seed Development, Morphology & Seed Physiology) |
| Wednesday 23-4-2008 | 10005 | 1. ZOOLOGY PAPER-II (Animal Diversity-II, Ecology, Ethology, Evolution and Applied Zoology) | 2513 | 1. INDUSTRIAL CHEMISTRY PAPER-II |
| | 10006 | 2. STATISTICS PAPER-II (Probability and Probability Distribution) | 10015 | 2. SEED TECHNOLOGY PAPER-II (Plant Breeding & Seed Production) |

B. Sc. Part-I (Contd..)

| DAY & DATE | Subject Code No. | Time : 11-00 a. m. to 2-00 p. m. | Subject Code No. | Time : 3-00 p. m. to 6-00 p. m. |
|-------------------------|-------------------------|--|-------------------------|--|
| Thursday, 24-4-2008 | 10004 | 1. BOTANY PAPER-I (Diversity and Classification of Plant Kingdom) | 10001 | 1. MATHEMATICS PAPER-I (Algebra And Geometry) |
| Friday, 25-4-2008 | 10004 | 1. BOTANY PAPER-II (Basic Plant Biochemistry and Cell Biology) | 10001 | 1. MATHEMATICS PAPER-II (Calculus and Differential Equations) |
| Saturday, 26-4-2008 | 10010 | 1. ELECTRONICS PAPER-I (Basic Electronics) | 1559 | 1. PSYCHOLOGY PAPER-I (General Psychology) |
| | 1561 | 2. PHYSICAL GEOGRAPHY PAPER-I (Geomorphology) | 10007 | 2. Geology Paper-I (Introduction to General Geology and Physical Geology) |
| | | | 10008 | 3. MICROBIOLOGY PAPER-I (Fundamentals of Microbiology) |
| Monday, 28-4-2008 | 10010 | 2. ELECTRONICS PAPER-II (Digital Electronics) | 1559 | 1. PSYCHOLOGY PAPER-II (Human Development) |
| | 1561 | 2. PHYSICAL GEOGRAPHY PAPER-II (Climatology & Occanography) | 10007 | 2. GEOLOGY PAPER-II (Introduction to Mineralogy, Crystallography and Petrology) |
| | | | 10008 | 3. MICROBIOLOGY PAPER-II (Applied Microbiology, Bio-Instrumentation & Microbial Techniques) |
| Tuesday, 29-4-2008 | 1550 | 1. ENGLISH (Compulsory) (English for Communication) | | — |
| Wednesday, 30-4-2008 | 2509 | 1. COMPUTER SCIENCE PAPER-I (OLD COURSE) (Introduction to Computers & Operational Environment) | | |
| | 10012 | 1. COMPUTER SCIENCE PAPER-I (NEW COURSE) (Modern operating Environments and application software.) | | |
| Friday, 2-5-2008 | 2509 | 1. COMPUTER SCIENCE PAPER-II (OLD COURSE) (Programming in C & Data Structure) | | |
| | 10012 | 1. COMPUTER SCIENCE PAPER-II (NEW COURSE) (Programming Skills Using "C") | | |

B. Sc. Part-I (Contd..)

| DAY & DATE | Subject Code No. | Time : 11-00 a. m. to 2-00 p. m. | Subject Code No. | Time : 3-00 p. m. to 6-00 p. m. |
|-----------------------|-------------------------|---|-------------------------|--|
| Saturday 3-5-2008 | 10017 | Environmental Science paper - I (Fundamental of Environmental Science) | | |
| Monday 5-5-2008 | 10017 | Environmental Science paper - II (Natural Resources and Conservation.) | | |

9. **The Practicals of B. Sc. Part-III will begin from Before Theory Exam.**
10. **The Practicals of B. Sc. Part-II will begin from Before Theory Exam.**
11. **The Practicals of B. Sc. Part-I will begin from Before Theory Exam.**
12. Exact dates of Practical examinations will be notified in the Practical Programmes for B. Sc. Part-I, II & III.
13. The Centres and Places for holding the Practical Examinations will be notified in the Practical Programmes.
14. Candidates are directed to be present at the time and place appointed for their Practical Examination. Those who fail to present themselves at the appointed time and place will not be examined in practicals.

Note : The Examination Programme is subject to change. Candidates are therefore advised to see the Final Programme If there is any change in the Examination Programme the University is not responsible for the loss or inconvenience caused to the candidates.

VIDYANAGAR,
Kolhapur-416 004.

A. C. Powar
I/C Controller of Examinations

Date :

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