

UNIVERSITY OF PUNE



Examination Circular No. 43 of 2012

Programme of M.Sc. Chemistry Sem. I to IV Examinations, November, 2012

1. Candidates are required to be present at the respective place of examination fifteen minutes before the time fixed for the first paper and ten minutes before the time of each subsequent paper.
2. Candidates are forbidden from taking any material into the examination hall, that can be used for malpractice at the time of examination.
3. Candidates are requested to see the Notice-Board at their place of examination regularly for changes if any, that may be notified later in the programme.
4. No request for any special concession such as change in time or any day fixed for the University examination, on religious or any other ground shall be granted.
5. The Use of non-programmable Calculator is permitted.
6. **The Examination of Candidates of University Post-Graduate Dept. having credit system will be held at their respective Departments.**
7. The centres and places of the examination will be as follows :

| Sr. No | CENTRE Code | College Code | Name of the Centres |
|--------|-------------|--------------|--|
| 1. | 001 | 006 | N. Wadia College of Arts & Science, Pune-411 001.(Candidates of(194) B.R. Gholap Arts Sci. & Comm. College, Sangavi,Pune-27 also) |
| 2. | 108 | 228 | Prof. Ramkrishna More Arts, Commerce & Science College, Akurdi (Candidates of (158)Mahatma Phule College, Pimpri also) |
| 3. | 016 | 032 | T.C. College, Baramati (Candidates of (235) (1)Vidyapratishthan's College of Arts Sci. & Comm.Baramati. (2) Arts, Sci. & Comm.College, , Indapur, Dist – Pune (3)(236) Shardabai Pawar Mahila Mahavidyalaya Malegaon (BK) also) |
| 4. | 048 | 093 | Annasaheb Magar Arts, Sci. & Comm. College, Hadapsar (Candidates of (1)(112)Waghire College, Saswad. also) |
| 5. | 126 | 243 | Bharateeya Jain Sanghatan's Arts, Commerce & Science College, Wagholi, Pune-412 207. |
| 6. | 066 | 119 | Hutatma Rajgurunagar College, Rajgurunagar, Tal – Khed, Dist – Pune |
| 7. | 113 | 232 | Arts, Commerce & Science College, Narayangaon, Dist – Pune .(Candidates of (048)Annasaheb Awate College, Manchar, Tal.-Ambegaon, Dist-Pune also) |
| 8. | 037 | 075 | Annasaheb Waghire College of Arts, Science & Commerce, Otur, Tal Junnar, Dist.- Pune-412 409. |
| 9. | 028 | 056 | C.T.Bora College of Arts Sci.. & Comm., Shirur Dist-Pune. |
| 10. | 078 | 142 | Anantrao Thopte College, Bhore, Dist.-Pune 412 206. |

| Sr.No | Centre Code | College Code | Name of the Colleges |
|-------|-------------|--------------|---|
| 11. | 038 | 076 | Shri Shiv Chhatrapati College of Arts Comm. & Sci. Junnar, Pune-410502. |
| 12 | 006 | 077 | New Arts Comm. & Sci. College, Ahmednagar (Candidates of (199) Radabai Kale Mahila Mahavidyalaya Ahmednagar also) |
| 13. | 068 | 121 | New Arts Sci. & Comm. College, Parner, Dist-Ahmednagar |
| 14. | 024 | 049 | P.V.M's Baburavji Avhad Arts, Sci. & Comm. College, Pathardi (Candidates of (222) Shri. Anand College, Pathardi, Dist – Ahmednagar also) |
| 15. | 006 | .077 | New Arts, Science & Commerce College, Shevgaon, Dist – Ahmednagar . |
| 16. | 076 | 140 | Rayat Shikshan Sanstha's M..J. Shinde College, Shrigonda, Dist- Ahmednagar (Candidates of (145) Chhatrapati Shivaji College of Arts Comm. & Sci. College, Shrigonda also) |
| 17. | 020 | 038 | Rayat Shikshan Sanstha's Dada Patil Mahavidyalaya, Karjat, Dist. Ahmednagar |
| 18. | 021 | 042 | S.S.G.M. College, Kopergaon (Candidates of (039) K.J. Sommaya Arts Comm. & Science Kopergaon also) |
| 19. | 050 | 095 | P.V.P. Arts, Science & Commerce College, Loni, (Pravaranagar) (Candidates of (1) (296) Pravra Rural Society's College of Arts, Sci. & Comm. Rahata, Dist.- Ahmednagar. (2) (374) Pravra Rural Society's College of Arts, Sci, & Comm. Satral, Tal.-Rahuri, Dist.-Ahmednagar also) |
| 20. | 009 | . 022 | R.B.N.B. Arts & Science College, Shrirampur., Dist.-Ahmednagar. |
| 21. | 102 | 197 | Mula Edu. Society's Arts Sci. & Com. College, Sonai, Tal.-Newasa, Dist-Ahmednagar |
| 22. | 015 | 030 | S.N.Arts, D.J.M.Comm.& B.N.S. Sci. College, Sangamner. Dist-Ahmednagar. |
| 23. | 065 | 117 | Agasti Arts, Comm. & Dadasaheb Rupwate Sci. College, Akole, Dist-Ahmednagar |
| 24. | 003 | 062 | K.T.H.M. College, Nasik. (Candidates of (1)(105) L.V.H. College, Panchavati, Nasik. (2)(240) K.S.K.W. Arts Sci. & Com. College, CIDCO, Nasik-422008. (3) (015) H.P.T. Arts & R.Y.K. Sci. College, Nasik . (4) Arts Sci. & Comm. College, Canada Corner, Nasik 422002 & (36) R.N.C. Arts J.D.B. Comm. & N.S.C. Sci. College, Nasik Road |
| 25. | 008 | 021 | M.S.G. Arts, Science & Commerce College, Malegaon Camp. |
| 26. | 026 | 052 | Arts, Science & Commerce College, Satana |
| 27. | 089 | 161 | Arts Sci. & Comm. College, Nampur, Dist-Nasik |
| 28. | 035 | 065 | Arts, Sci, & Com. College, Sinnar |
| 29. | 185 | 821 | S.S.R. College of Arts, Com. & Sci, Silvassa |
| 30. | 031 | 059 | K.K.wagh Arts Sci. & Comm. College, Pimpalgaon -Baswant (Candidates of (53) Arts Comm. & Sci. College, Lasalgaon also) |

8. The written Examination will be conducted in the following order :

| Chemistry | |
|---|--|
| Day & Date | SEMESTER-II TIME : 10.30 A.M.. TO 1.30 P.M. |
| Tuesday, 20.11.2012 | CH-210 : Physical Chemistry-II |
| Wednesday, 21.11.2012 | CH-230 : Inorganic Chemistry –II |
| Thursday, 22.11.2012 | CH-250 : Synthetic Organic Chemistry & Spectroscopy |
| SEMESTER-I TIME : 10.30 A.M.. TO 1.30 P.M. | |
| Saturday, 24.11.2012 | CH-110 : Physical Chemistry-I |
| Monday, 26.11.2012 | CH-130 : Inorganic Chemistry-I |
| Thursday, 29.11.2012 | CH-150 : Organic Reaction Mechanism & Stereo Chemistry |

| Physical Chemistry | |
|---------------------------|--|
| Day & Date | SEMESTER-IV TIME : 2.30 P.M. TO 5.30 P.M. |
| Tuesday, 20.11.2012 | CH-410 Molecular Structure and Spectroscopy |
| Wednesday, 21.11.2012 | CH-411 : Surface and Electrochemistry |
| Thursday, 22.11.2012 | Optional Courses CH-414 : Biophysical Chemistry and Related Techniques CH-415 : Special topics in Nuclear Radiation Chemistry CH-416 : Special Topics in Physical Chemistry (Old) (No equivalence) |
| Day & Date | SEMESTER-III TIME : 2.30 P.M. TO 5.30 P.M. |
| Saturday, 24.11.2012 | CH-310: Quantum Chemistry and Solid Statechemistry |
| Monday, 26.11.2012 | CH-311 : Nuclear and Radiation Chemistry |
| Tuesday, 27.11.2012 | CH-312: Advanced Instrumental Methods of Analysis |
| Thursday, 29.11.2012 | Optional Courses CH-314: Polymer Chemistry CH-315: Special topics in Physical Chemistry CH-316 : Environmental Chemistry(Old)(No Equivalence) |

| Inorganic Chemistry | |
|---|---|
| Day & Date | SEMESTER-IV TIME : 2.30 P.M. TO 5.30 P.M. |
| Tuesday, 20.11.2012 | CH-430 : Inorganic Solids & Heterogeneous catalysis |
| Wednesday, 21.11.2012 | CH-431: Materials Science |
| Thursday, 22.11.2012 | CH-445 : Inorganic Applications in Industry, Biotechnology & Environmental Chemistry |
| SEMESTER-III TIME : 2.30 P.M. TO 5.30 P.M. | |
| Saturday, 24.11.2012 | CH-330:: Coordination Chemistry, Magnetism & Reaction Mechanism |
| Monday, 26.11.2012 | CH-331: Structural Methods in Inorganic Chemistry |
| Tuesday, 27.11.2012 | CH-332 : Bioinorganic Chemistry: Inorganic Elements in the Chemistry of Life |
| Thursday, 29.11.2012 | CH-326 : Organometallic compounds of Transition metals & Homogeneous catalysis |

| Organic Chemistry | |
|---|--|
| Day & Date | SEMESTER-IV TIME : 2.30 P.M. TO 5.30 P.M. |
| Tuesday, 20.11.2012 | CH-450 : Chemistry of Natural Product |
| Wednesday, 21.11.2012 | CH-451 : Synthetic Methods in Organic Chemistry |
| Thursday, 22.11.2012 | CH-452 : Heterocyclic Chemistry , Chiron Approach & Medicinal Chemistry |
| SEMESTER-III TIME : 2.30 P.M. TO 5.30 P.M. | |
| Saturday, 24.11.2012 | CH -350: Organic Reaction Mechanism |
| Monday, 26.11.2012 | CH -351: Spectroscopic Methods in Structure Determination |
| Tuesday, 27.11.2012 | CH -352: Organic Stereo chemistry |
| Thursday, 29.11.2012 | CH - 353: Free radicals Photochemistry .Pericyclic Reactions And Their Applications |

| Analytical Chemistry | |
|---|---|
| Day & Date | SEMESTER-IV TIME : 2.30 P.M. TO 5.30 P.M. |
| Tuesday, 20.11.2012 | CH-481 : Bioanalytical and Forensic Science |
| Wednesday, 21.11.2012 | CH-490 : Analytical Spectroscopy |
| Thursday, 22.11.2012 | CH-491 : Polymer Technology |
| SEMESTER-III TIME : 2.30 P.M. TO 5.30 P.M. | |
| Saturday, 24.11.2012 | CH-390 : Electroanalytical and Current Analytical Methods in Industries |
| Monday, 26.11.2012 | CH-391 : Environmental and Analysis of Industrial Materials |
| Tuesday, 27.11.2012 | CH-392 : Advanced Analytical Techniques |
| Thursday, 29.11.2012 | Optional Courses CH-380 : Pharmaceutical Analysis CH-381 : Medicinal Chemistry |

| Bio- Chemistry | |
|--------------------------|--|
| Day & Date | SEMESTER-II TIME : 10.30 A.M.. TO 1.30 P.M. |
| Tuesday, 20.11.2012 | BCH 270 : Bioenergetics and Metabolism (2008 & 2010 Pattern) |
| Wednesday, 21.11.2012 | BCH- 271:Biophysical Techniques (2008 Patt.) BCH-271 :Techniques for Characterization of Biomolecules (2010 Pattern) |
| Thursday, 22.11.2012 | BCH- 273 : Membrane Biochemistry & Nucleic acid (2008 Pattern) BCH-273 : Membrane Biochemistry and Genetics (2010 Pattern) |
| Day & Date | SEMESTER-I TIME : 10.30 A.M.. TO 1.30 P.M. |
| Saturday, 24.11.2012 | BCH-170 : Biomolecules (2008 & 2010 Pattern) |
| Monday, 26.11.2012 | BCH- 171 : Enzymology and Biophysiological Tech. (2008 & 2010 Pattern) |
| Tuesday, 27.11.2012 | BCH- 172 : Cell Biochemistry (2008 Pattern) BCH-172 : Microbiology and Cell Biochemistry of Eukaryotes (2010 Pattern) |

| Bio- Chemistry | |
|--------------------------|---|
| Day & Date | SEMESTER-IV TIME : 2.30 P.M. TO 5.30 P.M. |
| Tuesday, 20.11.2012 | BCH -470 : Biochemical Endocrinology and Tissue Culture(2008 Pattern) BCH- 470 : Biochemical Endocrinology and Plant Biochemistry(2010 Pattern) |
| Wednesday, 21.11.2012 | BCH-471 : Fermentation and Enzyme Technology and Food Technology (2008 Pattern) BCH-471 : Fermentation Technology and Food Technology (2010 Pattern) BCH-474 : Genomics and Biotechnology (Optional Course) (2008 Pattern) |
| Thursday, 22.11.2012 | BCH- 472 : Genetic Engineering (2008 Pattern & 2010 Pattern) |
| Friday, 23.11.2012 | <u>Optional Courses-Any One (2010 Pattern)</u> BCH-473 : Nutrition and Clinical Nutrition BCH-474 : Developmental Biology and Molecular Evolution |
| Day & Date | SEMESTER-III TIME : 2.30 P.M. TO 5.30 P.M. |
| Saturday, 24.11.2012 | BCH 370 : Molecular Biology (2008 & 2010 Pattern) |
| Monday, 26.11.2012 | BCH 371: Medical Biochemistry and Immunology (2008 & 2010 Patt.) |
| Tuesday, 27.11.2012 | BCH -372: Signal transduction pathways (2008 Pattern) BCH- 372 : Neurochemistry(2010 Pattern) |
| Thursday, 29.11.2012 | BCH-373 : Biochemical Toxicology (2010 Pattern) <u>Optional Courses</u> BCH-373 : Recent trends in Biochemistry and Toxicology (2008 Pattern) BCH 374 : Developmental Biology and Molecular Evolution (2008 Pattern) BCH-375 : Nutrition and Clinical Nutrition (2008 Pattern) |

9. The Practical examination will be conducted before theory examination between 29.10.2012 & 10.11.2012. Due notice will be given by the examiners about the place, date and time of the Practical examination on the Notice Board. Candidates are directed to be present at the time & place of their practical examination.

Ganeshkhind,
Pune-411 007
Ref. No. XCT/Sci/ 1129
Date : 25.10.2012.

Dr.(Smt.)Sampada Joshi
Controller of Examinations