

# PANJAB UNIVERSITY, CHANDIGARH

**DATE-SHEET FOR M.A. / M.SC. /M.F.C./M.P.ED. (SEMESTER SYSTEM) 2<sup>nd</sup>  
SEMESTER EXAMINATION TO BE HELD IN MAY/JUNE, 2012**

**(THEORY EXAMINATIONS)**

**TIME OF EXAMINATIONS: 2.15 p.m. to 5.15 p.m.**

**(The candidates must be on their seats at 2.00 p.m. sharp as per date-sheet below. The answer-books with Optical Mark Reader (OMR) front covers will be distributed at 2.00 p.m. 15 minutes time in the beginning of each paper is budgeted for filling up the OMR Sheets properly under the instructions and supervision of invigilators. The question paper will be distributed at 2.15 p.m. sharp and the examination will continue till 5.15 p.m.).**

Date & Day	Subject, Paper & Code No.
<p><u>MAY, 2012</u> 17<sup>th</sup>, Thursday</p>	<ol style="list-style-type: none"> <li>1. M.F.C.-201: Organization Behaviour(1156)</li> <li>2. Mathematics Math-621S: Real Analysis-II (1181)</li> <li>3. Physics PHY 6011:Mathematical Physics-II (1191)</li> <li>4. Chemistry Paper-I: CH-421:Inorganic Chemistry-I (2567)</li> <li>5. Zoology Paper-VI: Structure and Functions of Invertebrates-II (2591)</li> <li>6. French FRC-201: French Civilization (French Revolution Politics) (3033)</li> <li>7. Hindi Paper-I: Hindi Sahitya Ka Adhunik Kal (3053)</li> <li>8. Sanskrit Paper-V: Vaidik Sahitya( (3116)</li> <li>9. Ancient Indian History, Culture &amp; Archaeology Paper-X: History of India from C.8<sup>th</sup> Century B.C. to 78 A.D (3152)</li> <li>10. Community Education &amp; Development Paper-I: Community Social Psychology (3191)</li> <li>11. Defence &amp; Strategic Studies DS-7: Modern Strategic Thought (3212)</li> <li>12. Master in Disaster Management DM-5: Finance &amp; Insurance in Disaster Management(3228)</li> <li>13. Economics Paper- MAECO 201: Micro Economics-II (3243)</li> <li>14. Geography Paper-I: Climatology(3301)</li> <li>15. Gandhian &amp; Peace Studies Paper-VI : Gandhi and Freedom Movement(3334)</li> <li>16. History Paper-I:               <ul style="list-style-type: none"> <li>Opt.(i): Agrarian Economy of Ancient India(HIS 713)(3356)</li> <li>Opt.(ii) Agrarian Economy of Medieval India(HIS 712)(3357)</li> <li>Opt.(iii): Agrarian Economy of Modern India(HIS 711)(3358)</li> </ul> </li> <li>17. Human Rights &amp; Duties Core Paper-5: Development, Globalization and Human Rights (3401)</li> <li>18. Police Administration Paper-I: Recent Advances in Police and Correctional Administration (3444)</li> <li>19. Philosophy Paper-201 : Philosophical Psychology(Debates in Philosophical Psychology (3566)</li> <li>20. Master in Social Works FSW-223: Statistics in Social Work (3631)</li> <li>21. Women Studies Paper-I: Feminism: An Indian Perspective (3652)</li> <li>22. Psychology Paper-I: Theories and Systems of Psychology-II(3674)</li> <li>23. M.P.Ed. Paper-VI SKK-201 : Structural Kinesiology(3776)</li> <li>24. Education Paper-VI: Philosophical and Sociological Foundations of Education-II (3815)</li> <li>25. History of Art Paper-V: History of Indian Sculpture and Architecture from 1<sup>st</sup> Century A.D. to 6<sup>th</sup> Century A.D. (3855)</li> <li>26. Statistics Stat-203: Sampling Theory and Official Statistics (7207)</li> <li>27. Botany Paper-VI: Pteriodophytes(7226)</li> <li>28. Remote Sensing and GIS Paper-IV: Remote Sensing &amp; GIS in Human Geography (with special reference to Urban &amp; Regional Planning) (7247)</li> </ol>
18 <sup>th</sup> , Friday	<ol style="list-style-type: none"> <li>1. Journalism &amp; Mass Communication Paper-I: Communication Theory (3422)</li> <li>2. Sociology SOC R 425: Positivistic Sociological Theories (3589)</li> <li>3. Indian Theatre Paper-V: Theatre Theory(3760)</li> </ol>
19 <sup>th</sup> , Saturday	<ol style="list-style-type: none"> <li>1. M.F.C.-202: Regulatory Framework for Business(1157)</li> <li>2. English Paper-I: Literary Criticism-II(ECS-05) (3005)</li> <li>3. Political Science Course-V: Western Political Thought-II (3464)</li> <li>4. Public Administration Paper-I: Administrative Thought(3505)</li> <li>5. M.P.Ed. Paper-VII MPS-202 : Management of Physical Education and Sports(3777)</li> <li>6. Microbial Biotechnology MBT-201: Medical Microbiology(3960)</li> </ol>
21 <sup>st</sup> , Monday	<ol style="list-style-type: none"> <li>1. Mathematics Math-622S: Algebra-II (1182)</li> <li>2. Physics PHY 6012:Quantum Mechanics-II (1192)</li> <li>3. Chemistry Paper-II: CH-422: Organic Chemistry-I (2568)</li> <li>4. Zoology Paper-VII: Comparative Anatomy of Vertebrates-II (2592)</li> <li>5. Hindi Paper-II: Adhunik Hindi Kavya (3054)</li> <li>6. Sanskrit Paper-VI: Kavya Shastra/Alankar Shastra (3117)</li> <li>7. Ancient Indian History, Culture &amp; Archaeology Paper-XI: Political History of India from C.300 A.D. to 650 A.D (3153)</li> <li>8. Community Education &amp; Development Paper-II: Human Rights &amp; Duties (3192)</li> <li>9. Master in Disaster Management DM-6: Research Methods in Disaster Management(3229)</li> <li>10. Economics Paper-MAECO 203: International Economics (3245)</li> <li>11. Geography Paper-II: Geography of India(Systematic &amp; Regional)(3302)</li> <li>12. Human Rights &amp; Duties Core Paper-6: Human Rights and Duties: Women and Children (3402)</li> <li>13. Journalism and Mass Communication Paper-II: Print Journalism (3423)</li> <li>14. Police Administration Paper-III: Sociology and Police Administration (3446)</li> </ol>

Date & Day	Subject, Paper & Code No.
<p><b>MAY,2012</b> 21<sup>st</sup>, Monday</p> <p>22<sup>nd</sup>, Tuesday</p>	<p>15. Master in Social Works CSW-124: Understanding Communities (3630)  16. Women Studies Paper-II: Emerging Trends in Research Methodology(3653)  17. Psychology Paper-IV: Research Methodology -II (3677)  18. Music(Instrumental) : Paper-I : Theoretical Survey, Principles of Aesthetics and Critical study of Ragas( 3724)  19. Music(Vocal) : Paper-I : Theoretical Survey, Principles of Aesthetics and Critical study of Ragas (3735)  20. Dance Paper-I : Survey of Theoretical Aspects of Indian Dance and Critical Study of Taalas (3746)  21. Education Paper-VII: Educational Psychology-II (3816)  22. History of Art Paper-VI: History of European Art from the Early Medieval Period till Late Gothic Period c.a. 1400 A.D. (3856)  23. Environment Science Paper-III :Environmental Technology (ENV-6203) (3981)  24. Statistics Stat-204: Measure &amp;Probability Theory(M.6) (7219)  25. Botany Paper-VII: Gymnosperms (7227)  26. Urdu Paper-I: Modern Poetry(7345)</p> <p>1. M.F.C.-203: Financial Management &amp; Policy(1158)  2. French FRL-202: Linguistics (Structural Linguistics) (3034)  3. Punjabi Paper-V: Adhunik Punjabi Sahit Da Itihas.(3085)  4. History Paper-II:  Opt.(i): Punjab in the Eighteenth Century(HIS 125) (3359)  Opt.(ii):Punjab in the Early Nineteenth Century(HIS 126) (3360)  5. Philosophy Paper-202 : Western Philosophy (Modern Western Philosophy) (3567)  6. Sociology SOC R 426: Methodology of Social Research (3590)  7. M.P.Ed. Paper-VIII EXP-203 : Exercise Physiology (3778)  8. Microbial Biotechnology MBT-202: Microbial Biochemistry Immunology (3961)</p>
<p>23<sup>rd</sup>, Wednesday</p> <p>24<sup>th</sup>, Thursday</p>	<p>1. Defence &amp; Strategic Studies DS-5: Defence Aspects of International Relations (3210)  2. Gandhian &amp; Peace Studies Paper-VII : Economics Thought of Mahatma Gandhi (3335)  3. Psychology Paper-II: Social Psychology-II (3675)</p> <p>1. M.F.C.-204: Quantitative Techniques (1159)  2. Physics PHY 6013:Particle Physics-I (1193)  3. English Paper-II: British Poetry-II (ECS-06) (3006)  4. Ancient Indian History, Culture &amp; Archaeology Paper-XV: Indian Architecture (3157)  5. Community Education &amp; Development Paper-III: Panchayati Raj System in India (3193)  6. Human Rights &amp; Duties Core Paper-7: Environment, Human Rights and Duties (3403)  7. Political Science Course-VI: Comparative Politics-I: Understanding Advanced Industrial Societies (3465)  8. Public Administration Paper-II: Research Methods (3506)  9. Philosophy Paper-203 : Classical Indian Philosophy (Indian Epistemology) (3568)  10. Women Studies Paper-III: United Nations and Women's Issues (3654)  11. Music(Instrumental) : P-II : History of Indian Music (3725)  12. Music(Vocal) : P-II : History of Indian Music (3736)  13. Dance Paper-II: Practical Composition and Essay (3747)  14. Education Paper-VIII: Educational Research and Statistics-II (3817)  15. History of Art Paper-VII: History of Indian Painting from c.a. 1550 A.D. to c.a.1850 A.D. (3857)  16. Environment Science Paper-I :Conservation of Life Support System (ENV-6202) (3979)  17. Statistics Stat-201: Numerical Analysis &amp; FORTRAN(<b>On internal basis</b>) (7205)  18. Botany Paper-VIII: Angiosperm Morphology, Taxonomy and Phylogeny (7228)  19. Remote Sensing and GIS Paper-V: Remote Sensing &amp; GIS in Physical Geography (with special reference to Environmental Management) (7248)</p>
<p>26<sup>th</sup>, Saturday</p>	<p>1. Mathematics Math-623S: Vector Analysis and Mechanics (1183)  2. Chemistry Paper-III: CH-423:Physical Chemistry-I (2569)  3. Zoology Paper-VIII: Biosystematics &amp; Evolution (2593)  4. French FRD-203: French Drama(19<sup>th</sup> &amp; 20<sup>th</sup> Centuries) (3035)  5. Hindi Paper-III: Adhunik Hindi Gadhya Sahitya (3055)  6. Punjabi Paper-VI: Adhunik Pachhmi Kavi Shastra Ate Viharak Alochna (3086)  7. Sanskrit Paper-VII: Vyakaran Aur Bhasavigyan (3118)  8. Master in Disaster Management DM-7: Disasters in India (3230)  9. Economics Paper-MAECO 202: Contemporary Issues in Indian Economy-II (3244)  10. Geography Paper-III: Fundamentals of Remote Sensing (Theory) (3303)  11. Gandhian &amp; Peace Studies Paper-VIII : Conflict Resolution with Special reference to India (3336)  12. History Paper-III &amp; IV: Opt. (i)(a)American Imperialism in the Nineteenth and Twentieth Centuries (HIS 811) (3361)  13. Journalism &amp; Mass Communication Paper-III: Editing/ Design for Print Media(3424)  14. Police Administration Paper-IV: Research Methodology (3447)  15. Sociology:  SOC R 427: Social Stratification: Concepts &amp; Theories (Old) (3582)  SOC O 621: Social Dimensions of Development (3593)  SOC O 921: Peasants and Rural Society in India (3596)  16. Master in Social Works FSW-224: Development and Social Work (3632)  17. Psychology Paper-III: Experimental and Cognitive Psychology-II (3676)  18. M.P.Ed. Paper-IX ASP-204 : Applied Statistics in Physical Education and Sports (3779)  19. Education Paper-IX&amp; X: Opt.(b): Guidance &amp; Counselling-II (3819)  20. Microbial Biotechnology MBT-203: Industrial Microbiology-I (Health, Food, Enzymes) (3962)  21. Urdu Paper-II: Modern Prose(Urdu Drama and Theatre) (7346)</p>

Date & Day	Subject, Paper & Code No.
<b>MAY, 2012</b> 28 <sup>th</sup> , Monday	<ol style="list-style-type: none"> <li>1. M.F.C.-205: E-Commerce (1160)</li> <li>2. Physics PHY 6014: Classical Electrodynamics-I (1194)</li> <li>3. Ancient Indian History, Culture &amp; Archaeology Paper-XVI: Sculpture and Painting (3158)</li> <li>4. Community Education &amp; Development Paper-IV: Human Resource Development and Training (3194)</li> <li>5. Defence &amp; Strategic Studies DS-6: Strategic Aspects of India's Security (3211)</li> <li>6. Gandhian &amp; Peace Studies Paper-IX :               <ul style="list-style-type: none"> <li>Opt.(i): Foreign Policy of India (3337)</li> <li>Opt.(ii): Social Reforms in India (3338)</li> <li>Opt.(iii): Legacy of Peace Building Gandhi, King, Ikeda, Ghaffar Khan (3339)</li> </ul> </li> <li>7. History Paper-III &amp; IV: Opt. (i) (b) USA (1820-1973) (HIS 812) (3362)</li> <li>8. Political Science Course-VII: Indian Politics (3466)</li> <li>9. Philosophy Paper-204 : Logic (Part-II) (3569)</li> <li>10. Women Studies Paper-IV(ii): Women and Environment (3655)</li> <li>11. Education Paper IX &amp; X Opt (c): Educational Technology-II (3820)</li> <li>12. History of Art Paper-VIII: Basic Religious Systems and Iconographic Concepts (3858)</li> <li>13. Environment Science Paper-II: Environmental and Analysis Techniques and Instrumentation (ENV-6202) (3980)</li> <li>14. Botany Paper-IX: Reproductive Biology of Angiosperms (7229)</li> </ol>
29 <sup>th</sup> , Tuesday	<ol style="list-style-type: none"> <li>1. Zoology Paper-IX: Endocrinology and Neural Physiology (2594)</li> <li>2. Hindi Paper-IV : Pashchatya Kavya Shastra Avem Samkalin Alochna Sidhant (3056)</li> <li>3. Punjabi Paper-VII:               <ul style="list-style-type: none"> <li>Opt. (i): Madhkali Punjabi Kav-II (3087)</li> <li>Opt. (ii): Sufi Kissa Ate Vir Kav (3088)</li> </ul> </li> <li>4. Economics Paper-MAECO 204: Economics of Public Finance (3246)</li> <li>5. Gandhian &amp; Peace Studies Paper-X : Gandhi and World Peace (3351)</li> <li>6. Journalism &amp; Mass Communication Paper-IV: Radio / TV Communication-II (3425)</li> <li>7. Public Administration Paper-III: Public Policy &amp; Administration (3507)</li> <li>8. Master in Social Works CSW-123: Social Work Practice (3629)</li> <li>9. M.P.Ed. Paper-X TTF-205 : Theory Track and Field-I (3780)</li> <li>10. Statistics Stat-202: Estimation &amp; Testing of Hypothesis (7206)</li> <li>11. Urdu Paper-III: Non-fiction(Essay and Translation) (7347)</li> </ol>
30 <sup>th</sup> , Wednesday	<ol style="list-style-type: none"> <li>1. Mathematics Math-624S: Complex Analysis-II (1184)</li> <li>2. English Paper-III: British Drama-II (ECS-07) (3007)</li> <li>3. French FRT-204: Translation (Theory &amp; Applied) (3036)</li> <li>4. Sanskrit Paper-VIII: Bhartiya Darshan (3119)</li> <li>5. Master in Disaster Management DM-8: Disaster Management Mechanisms in India (3231)</li> <li>6. Geography Paper-IV:               <ul style="list-style-type: none"> <li>Opt.(i): Urban Geography (3304)</li> <li>Opt.(ii): Population and Development Planning(3305)</li> <li>Opt.(iii): Fundamentals of Natural Hazards and Disaster Management(3306)</li> <li>Opt.(iv): Marketing Geography(3307)</li> <li>Opt.(v): Contemporary Issues in Human Geography(3308)</li> </ul> </li> <li>7. Economics Paper-III: Basic Econometrics (Old) (3262)</li> <li>8. Police Administration Paper-V: Police Personnel Administration (3448)</li> <li>9. Sociology:               <ul style="list-style-type: none"> <li>SOC O 521: Population and Society (3592)</li> <li>SOC O 721: Sociology of Urban Settlements (3594)</li> <li>SOC O 923: Basic Social Statistics (3598)</li> <li>SOC O 923: Advanced Social Statistics (Old) (3583)</li> </ul> </li> <li>10. Remote Sensing and GIS Paper-VI: Image Processing (7249)</li> </ol>
31 <sup>st</sup> , Thursday	<ol style="list-style-type: none"> <li>1. Physics PHY 6015: Electronics-II (1195)</li> <li>2. Chemistry Paper-IV: CH-424: Group Theory, Spectroscopy and Diffraction Methods (2570)</li> <li>3. Defence &amp; Strategic Studies DS-8: Research Methodology (3213)</li> <li>4. History Paper-III &amp; IV: Opt. (ii) China &amp; Japan (1840-1950) (HIS 844) (3363)</li> <li>5. Microbial Biotechnology MBT-204: Bioinformatics (3963)</li> <li>6. Environment Science Paper-IV : Solid Waste Management and Techniques (ENV-6204) (3982)</li> <li>7. Botany Paper-X: a) Computer Applications &amp; Biostatistics, b) Lab. Techniques (7230)</li> <li>8. Urdu Paper-IV: Print Media and Mass Media (Radio and T.V.) (7348)</li> </ol>
<b>JUNE, 2012</b> 1 <sup>st</sup> , Friday	<ol style="list-style-type: none"> <li>1. Punjabi Paper-VIII:               <ul style="list-style-type: none"> <li>Opt. (i): Punjabi Novel da Adhiyan (3089)</li> <li>Opt. (ii): Punjabi Ate Parvasi Kahani da Adhiyan (3090)</li> </ul> </li> <li>2. Journalism &amp; Mass Communication Paper V: Media Management (3426)</li> <li>3. Political Science Course-VIII: Approaches to the Study of International Relations (3467)</li> </ol>

<b>Date &amp; Day</b>	<b>Subject, Paper &amp; Code No.</b>
<b>JUNE, 2012</b> 2 <sup>nd</sup> , Saturday	1. Zoology Paper-X: Immunology (2595) 2. History Paper-III & IV: Opt. (iii) History of Canada(HIS 821) (3364)
4 <sup>th</sup> , Monday	1. Mathematics Math-625S: Number Theory-II (1185) 2. English Paper-IV: British Fiction-II (ECS-08) (3008) 3. Punjabi(Hons)Paper-XIX: Waris Shah: Dheerag Adhian (3091) 4. Public Administration Paper-IV: Administrative Law (3508) 5. Microbial Biotechnology MBT-205: Intellectual Property Rights(IPR) & Bioethics (3964)
6 <sup>th</sup> , Wednesday	1. Punjabi (Hons.) Paper-XX: Uttar Marksvadi Punjabi Alochna da Adhian (3092) 2. History Paper-III & IV: Opt. (iv) Modern World (Mid 15 <sup>th</sup> -19 <sup>th</sup> Century)(HIS 831)(3365)
9 <sup>th</sup> , Saturday	1. Public Administration Paper-V: Indian Political System (3509) 2. Public Administration Paper-V: Indian Political and Administrative System (Old) (3520)
11 <sup>th</sup> , Monday	History Paper-III & IV: Opt. (v) World in the Twentieth Century(HIS 832) (3366)
15 <sup>th</sup> , Friday	Public Administration Paper VI: Indian Administrative System (3498)

**NOTE:**

1. The date, time and place for practical examinations, will be notified later on.
2. **THE CANDIDATES ARE NOT PERMITTED TO CARRY ANY COMMUNICATION EQUIPMENT SUCH AS MOBILE PHONE/PAGER, WIRELESS SET, SCANNER PEN SCANNER/CAMERA OR ANY SUCH ELECTRONIC/DIGITAL GADGET ETC. INSIDE THE EXAMINATION HALL WHICH IS PUNISHABLE WITH DISQUALIFICATION FOR PERIOD OF TWO YEARS WITH THE SUBSEQUENT EXAMINATION.**
3. Candidates are permitted to use Statistical Tables and four functions calculators for their papers Research Methodology in the subject of Psychology.
4. The candidates are advised to copy the subject code from the question paper to fill in the OMR Sheet.
5. Candidate should write his/ her Roll No. on the OMR title cover from Left to Right.

**CHANDIGARH – 160014**  
**Dated: 23.04.2012**

**PROF. A. K. BHANDARI**  
**CONTROLLER OF EXAMINATIONS**