

PANJAB UNIVERSITY, CHANDIGARH

DATE-SHEET FOR **M.A./M.SC./M.P.ED./M.COM./M.F.C.** (SEMESTER SYSTEM) **1ST SEMESTER**
EXAMINATION TO BE HELD IN **DECEMBER, 2015**

(THEORY EXAMINATIONS)

TIME OF EXAMINATIONS: 2.00 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.
DECEMBER, 2015	
2 nd , Wednesday	M.C.-101: Managerial Economics (3401) (Same for USOL Candidates)
3 rd , Thursday	1) Ancient Indian History Culture & Archaeology Paper-I: History of India from earliest times to 8 th Century B.C.(1858)
	2) Buddhist and Tibetan Studies Paper-I: Buddhism in India (1455)
	3) Community Education & Development Paper-I: Community Development & Organization (1907)
	4) English Paper-I: Literary Criticism-I (1501)
	5) Hindi Paper-I: Hindi Sahitya Ka Adikal Avem Madhyakal (1582)
	6) History Paper-I : The Punjab (Mid-fifteenth to Seventeenth Centuries) (HIS 111) (2171)
	7) Mathematics Math-601S: Real Analysis-I (3162)
4 th , Friday	1) M.C.-102: Quantitative Methods for Business (3402) (Same for USOL Candidates)
	2) Sociology SOC-R-411: History of Social Thought (2681)
	3) Statistics Stat-102: Distribution Theory (3252)
5 th , Saturday	1) Psychology Paper-I: Theories and Systems of Psychology-I (2591)
	2) Public Administration Paper-I: Administrative Theory-I (2514)
	3) Women Studies Paper-I: Conceptualizing Women's Studies (2731)
7 th , Monday	1) Botany Paper-I: Phycology (3033)
	2) Chemistry Paper-I: CH-411:Inorganic Chemistry (3061)
	3) History Paper-II: Ancient India: An Overview (HIS 231) (2172)
	4) M.C.-103: Modern Accounting Theory and Reporting Practices (3403) (Same for USOL Candidates)
	5) Mathematics Math-602S: Algebra-I (3163)
	6) Physics PHY 6001: Mathematical Physics-I (3222)
	7) Zoology Paper-I: Structure and Functions of Invertebrates-I (3275)
8 th , Tuesday	1) Ancient Indian History Culture & Archaeology Paper-II: History of India from 78 A.D. to 300 A.D (1859)
	2) Buddhist and Tibetan Studies Paper-II: Indian Philosophy (1456)
	3) Community Education & Development Paper-II: Indian Social Structure (1908)
	4) Defence & Strategic Studies DS-1: National Security Conceptual Aspect (1931)
	5) Economics MAECO-101: Micro Economics-I (1970)
	6) Education Paper-I (C01-PSF): Philosophical and Sociological Foundations of Education-I (2034)
	7) English Paper-II: British Poetry-I (1502)
	8) Environment Science Paper-I (ENV-6101): Geo-Environment & Meteorological Science (3087)
	9) French FRH-101: History of French Literature (16 th & 17 th Centuries) (1535)
	10) Gandhian & Peace Studies Paper-I: Life and the Making of Gandhi (2141)
	11) Hindi Paper-II: Adhunik Hindi Kavya (1583)
	12) History of Art Paper-I: History of Indian Sculpture and Architecture from the earliest times to CA 600 AD (2225)
	13) Human Rights & Duties Core Paper-I: Historical, Theoretical and Philosophical Perspective on Human Rights and Duties (2249)
	14) Journalism & Mass Communication Paper-I: Introduction to Communication (2290)
	15) M.P.Ed. Paper-I RMP-101: Research Methodology in Physical Education(2375)
	16) Psychology Paper-II: Social Psychology-I (2592)
	17) Punjabi Paper-I: Madhkali Punjabi Sahit Da Itihas (1615)
	18) Russian Paper-I: 19 th Century Russian Literature (1693)
	19) Sanskrit Paper-I: Vaidik Sahitya (1716)
	20) Sociology SOC-R-412: Sociology of Family and Gender (2682)
	21) Urdu Paper-I: History of Urdu Language and Literature (1821)
9 th , Wednesday	1) Geography Paper-I: Geographic Thought (2100)
	2) M.C.-104: Organization Theory and Behaviour (3404) (Same for USOL Candidates)
	3) Master in Social Works CSW-111: Social Work: Concepts and Methods (2413)
	4) MFC-101: Management for Organization (1401)
	5) Microbial Biotechnology MBT-101: Microbial Biodiversity & Physiology (3203)
	6) Philosophy Paper-101 : Introduction to Philosophical Psychology (2563)
	7) Police Administration Paper-I: Police Administration (2441)
	8) Political Science Course-I: Western Political Thought-I (2466)
	9) Public Administration Paper-II: Organizational Behaviour (2515)
	10) Women Studies Paper-II: Women's Movement in India (2732)

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DATE & DAY	SUBJECT, PAPER & CODE NO.
DECEMBER, 2015	
10 th , Thursday	History Paper-III: Medieval India: Political Processes (HIS 221) (2173)
11 th , Friday	1) Ancient Indian History Culture & Archaeology Paper-VI: Indian Architecture (1863)
	2) Botany Paper-II: Bryology (3034)
	3) Buddhist and Tibetan Studies Paper-III: Tibetan Grammar (1457)
	4) Chemistry Paper-II: CH-412: Organic Chemistry (3062)
	5) Community Education & Development Paper-III: Empowerment of Community (1909)
	6) Defence & Strategic Studies DS-2: Concept and Theories of International Relations (1932)
	7) English Paper-III: British Drama-I (1503)
	8) Fine Arts Paper-I: Principles and Sources of Art (2086)
	9) French FRL-102: Initiation to Linguistics (1536)
	10) Gandhian & Peace Studies Paper-II: Political Thought of Mahatma Gandhi (2142)
	11) Hindi Paper-III: Adhunik Hindi Gadhya Sahitya (1584)
	12) History of Art Paper-II: History of European Art from the Pre-Historic to the Byzantine period (2226)
	13) Human Rights & Duties Core Paper-2: Human Rights and Duties in India (2250)
	14) Indian Theatre Paper-I: History of Theatre(Theory)(2274)
	15) Journalism & Mass Communication Paper-II: Basics of Print Journalism (2291)
	16) M.C.-105: Marketing Management (3405) (Same for USOL Candidates)
	17) M.P.Ed. Paper-II ETP-102 : Educational Technology and Pedagogic Techniques in Physical Education (2376)
	18) Master in Disaster Management DM1: Concepts, Approaches and Theories of Disasters(1954)
	19) Master in Remote Sensing Paper-I: Fundamentals of Remote Sensing (2661)
	20) Mathematics Math-603S: Differential Equations (3164)
	21) Physics PHY 6002:Classical Mechanics (3223)
	22) Punjabi Paper-II: Sahit Sidhant, Sanatni Kaav Shaster Ate Punjabi Alochna (1616)
	23) Russian Paper-II: Translation (1694)
	24) Sanskrit Paper-II: Sanskrit Natak Avem Kavya Sashttra (1717)
	25) Statistics Stat-104: Operations Research (M .7) (3254)
	26) Urdu Paper-II: Elements of Urdu Structure (Sheyari Asnaaf aur Nasari Asnaaf with Definition) (1822)
	27) Zoology Paper-II: Lower Chordates & Comparative Anatomy of Vertebrates-I (3276)
12 th , Saturday	1) Economics MAECO-102: Contemporary Issues in Indian Economy-I (1971)
	2) Education Paper-II (C02-EDP): Educational Psychology-I (2035)
	3) Environment Science Paper-II (ENV-6102): Ecological Principles (3088)
	4) Geography Paper-II: Geomorphology (2101)
	5) Master in Social Works CSW-112: Evolution & Contemporary Ideologies of Social Work (2414)
	6) MFC-102: Business Environments (1402)
	7) Microbial Biotechnology MBT-102: Immunology and Immunotechnology (3204)
	8) Persian Paper-I: History of Persian Language & Literature (1663)
	9) Philosophy Paper-102 : Western Philosophy (History of Greek Philosophy) (2564)
	10) Police Administration Paper-II: Theory of Public Administration (2442)
	11) Political Science Course-II: Key Concepts in Political Analysis (2467)
	12) Psychology Paper-III: Experimental and Cognitive Psychology-I (2593)
	13) Public Administration Paper-III: Public Financial Administration (2516)
	14) Sociology SOC-R-413:-Sociology of Development (2683)
	15) Women Studies Paper-III: Feminist Theory (2733)
14 th , Monday	1) Fine Arts Paper-II: History of Indian Painting and Sculpture (2087)
	2) French FRD-103: French Drama (17th & 18th Centuries) (1537)
	3) Gandhian & Peace Studies Paper-III: Peace Studies (2143)
	4) History of Art Paper-III: History of Indian Painting from the Pre-historic period to the 16th Century A.D.(2227)
	5) Human Rights & Duties Core Paper-3: Human Rights Issues in India (2251)
	6) Indian Classical Dance: P-I: Survey of theoretical aspects of Indian Dance & Critical Study of Talas (2360)
	7) Indian Theatre: Paper-II: Acting (Theory) (2275)
	8) Journalism and Mass Communication Paper-III: Growth and Development of Print Media (2292)
	9) M.P.Ed. Paper-III MEP-103 : Measurements & Evaluation in Physical Education (2377)
	10) Music (Instrumental): P-I : Theoretical Survey, Principles of Aesthetics and Critical Study of Ragas (2321)
	11) Music (Tabla) Paper-I : Theoretical Survey & Principles of Aesthetics (2349)
	12) Music (Vocal) : P-I : Theoretical Survey Principles of Aesthetics and Critical Study of Ragas (2333)
	13) Master in Disaster Management DM2: Fundamentals of Disaster Management (1955)
	14) M.C.-106: Management Information System (3406) (Same for USOL Candidates)
	15) Master in Remote Sensing Paper-II: Fundamentals of Photogrammetry (2662)
	16) Mathematics Math-604S: Complex Analysis-I (3165)

M.A./M.SC./M.P.ED./M.COM./M.F.C.-1ST SEMESTER (December-2015)

DATE & DAY	SUBJECT, PAPER & CODE NO.
DECEMBER, 2015 14 th , Monday	17) Punjabi Paper-III: Opt. (i): Madhkali Punjabi Kaav (1617) Opt. (ii): Gurmati Ate Sufi Kaav (1618)
	18) Russian Paper-III: Modern Russian Language (Morphology) (1695)
	19) Sanskrit Paper-III: Vyakaran Aur Bhasavigyan (1718)
	20) Urdu Paper-III: Early Poetry (Nazam and Ghazal) (1823)
15 th , Tuesday	1) Ancient Indian History Culture & Archaeology: Paper-VII: Sculpture (1864)
	2) Botany Paper-III: Mycology and Microbiology (3035)
	3) Buddhist and Tibetan Studies Paper-IV: Translation (1458)
	4) Chemistry Paper-III: CH-413:Physical Chemistry (3063)
	5) Community Education & Development Paper-IV: Research Methodology (1910)
	6) Defence & Strategic Studies DS-3: Art of War (1933)
	7) Economics MAECO-103: Quantitative Methods-I (1972)
	8) Education Paper-III (C03-ERS): Educational Research and Statistics-I (2036)
	9) English Paper-IV: British Fiction-I (1504)
	10) Environment Science Paper-III (ENV-6103): Environmental Chemistry & Toxicology (3089)
	11) Geography Paper-III: Cartography (Theory) (2102)
	12) Hindi Paper-IV : Bhartiya Kavya Shastra ke Sidhant Avem Hindi Aloachak (1585)
	13) History Paper-IV: Modern Indian: Political Processes (HIS-211) (2174)
	14) Master in Social Works FSW-211: Research Methods in Social Work (2415)
	15) Physics PHY 6003: Quantum Mechanics -I (3224)
	16) Zoology Paper-III: Animal Physiology (3277)
16 th , Wednesday	1) M.C.-107A: IT Application in Commerce (3407) (<i>For USOL Students Only</i>)
	2) MFC-103: Accounting for Managers (1403)
	3) Microbial Biotechnology MBT-103: Genetics & Recombinant DNA Technology (3205)
	4) Persian Paper-II: Elements of Persian Structure (1664)
	5) Philosophy Paper-103: Classical Indian Philosophy (Indian Metaphysics) (2565)
	6) Police Administration Paper-III: Organizational Behaviour and Police Administration (2443)
	7) Political Science Course-III: Indian Political System (2468)
	8) Public Administration Paper-IV: Public Personnel Administration (2517)
	9) Sociology SOC-R-414: Social Stratification: Concepts & Theories (2684)
	10) Women Studies Paper-IV: Fundamental of Social Research (2734)
17 th , Thursday	1) French FRT-104: Translation (Theory & Commentary) (1538)
	2) Gandhian & Peace Studies Paper-IV: A Study of Texts (2144)
	3) History of Art Paper-IV: Principles and Sources of Art (2228)
	4) Human Rights & Duties Core Paper-4: Research Methods (2252)
	5) Indian Classical Dance: P-II: Practical Composition and Essay (2361)
	6) Journalism & Mass Communication Paper-IV: Radio & TV Communication-I (2293)
	7) M.P.Ed. Paper-IV SPS-104 : Sports Psychology (2378)
	8) Master in Disaster Management DM3: Natural and Human Induced Disasters (1956)
	9) Master in Remote Sensing Paper-III: Fundamental of Geographic Information Systems (2663)
	10) Mathematics Math-605S: Number Theory-I (3166)
	11) Music (Instrumental) P-II: History of Indian Music (2322)
	12) Music (Tabla) Paper-II: History of Percussion Instruments & Tabla (Ancient to Medieval Period) (2350)
	13) Music (Vocal) P-II: History of Indian Music (2334)
	14) Psychology Paper-IV: Research Methodology & Statistics-I (2594)
	15) Punjabi Paper-IV: Opt. (i): Punjabi Novel Da Adhiyan (1619) Opt. (ii): Panjabi Kahani Da Adhiyan (1620)
	16) Russian Paper-IV: Modern Russian Language (Phonetics, Lexicology and Phraseology) (1696)
	17) Sanskrit Paper-IV: Darshan (1719)
	18) Statistics Stat-103: Statistical Methods with Packages (3253)
	19) Urdu Paper-IV: Early Prose (Fiction: Novel Afsana and Drama) (1824)
18 th , Friday	1) Geography Paper-IV: Opt.(i): Fundamentals of Population Geography (2103) Opt.(ii): Fundamentals of Agricultural Geography (2104) Opt.(iii): Political Geography (2105) Opt.(iv): Geographical Perspectives on Sustainable Development (2106) Opt.(v): Geography and Ecosystem (2107) Opt.(vi): Contemporary Issues in Human Geography (2108)
	2) Master in Social Works FSW-212: Sociology for Social Work (2416)
	3) Philosophy Paper-104 : Logic (Part-I) (2566)

DATE & DAY	SUBJECT, PAPER & CODE NO.
DECEMBER, 2015 19 th , Saturday	1) Botany Paper-IV: (a): Computer Applications & Biostatistics (3036) (b): Lab Techniques
	2) Chemistry Paper-IV: CH-414 (a) Mathematics for Chemist (b) Biology for Chemist (3064) (c) Computer for Chemists
	3) Defence & Strategic Studies DS-4: Armed Forces & Society (1934)
	4) Economics MAECO-104: Economics of Public Finance (1973)
	5) Education Paper-IV & V(E02-GNC): Opt.(b): Guidance & Counselling-I (2038)
	6) Environment Science Paper-IV(ENV-6104): Solid Waste Management & Techniques (3090)
	7) MFC-104: Economic Analysis for Business (1404)
	8) Microbial Biotechnology MBT 104: Microbial Biochemistry & Enzymology (3206)
	9) Persian Paper-III: Modern Prose (1665)
	10) Physics PHY 6004: Classical Electrodynamics -I (3225)
	11) Police Administration Paper-IV: Police Procedures & Investigation Techniques (2444)
	12) Political Science Course-IV: International Relations: An Historical Overview (2469)
	13) Public Administration Paper-V: Indian Economic & Social System (2518)
	14) Punjabi (Hons) Paper-XVII: Guru Nanak Bani – Diragh Adhian (1651)
	15) Zoology Paper-IV: Ecology and Animal Behaviour (3278)
21 st , Monday	1) Gandhian & Peace Studies Paper-V: Gandhi in Globalized World (2145)
	2) Journalism & Mass Communication Paper-V: Print Media Ethics & Laws (2294)
	3) M.P.Ed. Paper-V TGI-105: Theory Games-I: Opt. (i): Football (2379) Opt. (ii): Basketball(2380) Opt. (iii): Gymnastics(2381)
	4) Master in Disaster Management DM4: Role of Remote Sensing & Geographic Information Systems in Disaster Management (1957)
	5) Master in Remote Sensing Paper-IV: Fundamental of Computers & Computer Programming (2664)
	6) Statistics Stat-101: Linear Algebra (3251)
22 nd , Tuesday	1) Botany Paper-V: Anatomy of Angiosperm (3037)
	2) Education Paper-IV & V(E03-EDT): Opt.(c): Educational Technology-I (2039)
	3) MFC-105: Financial Services (1405)
	4) Microbial Biotechnology MBT 105: Bioprocess Engineering (3207)
	5) Persian Paper-IV: Modern Poetry (1666)
	6) Physics PHY 6005: Electronics-I (3226)
	7) Punjabi (Hons) Paper-XVIII: Pralochna Ate Punjabi Alochna Da Adhiyan (1652)
	8) Zoology Paper-V: Biostatistics and Computer Applications (3279)

NOTE:

- 1) **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.**
- 2) Candidates are permitted to use Statistical Tables and four functions calculators for their papers Research Methodology in the subject of Psychology.
- 3) The candidates are advised to copy the subject code from the question paper to fill in the OMR Sheet.
- 4) Candidate should write his/ her Roll No. on the OMR title cover from Left to Right.

Chandigarh: 160014

Dated: 09.11.2015

**Prof. Parvinder Singh
Controller of Examinations**

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