### PANJAB UNIVERSITY, CHANDIGARH

# Date-Sheet for M.A./M.SC./M.COM./M.P.ED. (Semester System)-2<sup>ND</sup> SEMESTER (Regular/Reappear/Golden Chance/Improvement of the Performance) Examination

to be held in May, 2017

#### (THEORY EXAMINATIONS)

TIME OF EXAMINATIONS: 2.00 p.m. to 5.00 p.m.

DATE & DAY	SUBJECT/SUBJECT/CODE NO.
MAY, 2017 11 <sup>th</sup> , Thursday	Sociology SOC R 425: Positivistic Sociological Theories (3352)
12 <sup>th</sup> , Friday	<b>Education Paper-VI (C01-PSF):</b> Philosophical and Sociological Foundations of Education-II (2733)
	Journalism & Mass Communication Paper-I: Communication Theory (2986)
	Persian Paper-I: History of Persian Language & Literature (2419)
	Psychology Paper-I: Theories and Systems of Psychology-II (3294)
13 <sup>th</sup> , Saturday	Botany Paper-VI: Pteriodophytes (3524)
	Economics (MAECO 201): Micro Economics-II (2662)
	M. Com. (M.C201): Business Environment (3813) (Same for USOL Candidates)
	Mathematics (Math-621-S): Real Analysis-II (3650)
	Police Administration Paper-I: Correctional Administration (3145)  Public Administration Paper-I: Administrative Thought (3218)
	Punjabi Paper-V: Adhunik Punjabi Sahit Da Itihas (2372)
	Sociology SOC R 426: Methodology of Social Research (3353)
	Zoology Paper-VI: Structure and Functions of Invertebrates-II (3760)
15 <sup>th</sup> , Monday	Bioinformatics MBIN-8007: Statistics and Probability (3497)
	Biotechnology MBIO-201:Molecular Biology (3472)
	Buddhist & Tibetan Studies Paper-V: Buddhist Philosophy (2231)
	Education Paper-VII (C02-EDP): Educational Psychology-II (2734)
	Gandhian & Peace Studies Paper-VI: Gandhi and Freedom Movement (2836)
	Hindi Paper-I: Hindi Sahitya Ka Adhunik Kal (2338)
	<b>History Paper-I Group-I:</b> Punjab in the Eighteenth Century (HIS 125) (Compulsory) (2864)
	M. P.Ed. Paper-VI SKK-201: Structural Kinesiology (3085)
	Microbial Biotechnology MBT-201: Medical Microbiology (3688)
	Physics (PHY-6011): Mathematical Physics-II (3709)
16 <sup>th</sup> , Tuesday	Ancient Indian History, Culture & Archaeology Paper-IX: History of India from C. 8 <sup>th</sup> Century
	B.C. to 78 A.D.(Compulsory) (2548)
	<b>Defence &amp; Strategic Studies DS-5:</b> Defence Aspects of International Relations (2616)
	Economics (MAECO 202): Contemporary Issues in Indian Economy-II (2663)
	French FRC-201: French Civilization (2291)
	Geography Paper-I: Climatology (2797)
	Journalism and Mass Communication Paper-II: Print Journalism (2987)
	M. Com (M.C202): Research Methodology in Commerce (3814) (Same for USOL Candidates)
	Mathematics (Math-622-S): Algebra-II (3651)
	Persian Paper-II: Elements of Persian Structure (2420)
	Political Science Course-V: Western Political Thought-II (3170)
	Psychology Paper-II: Social Psychology-II (3295)
	Public Administration Paper-II: Research Methods (3219)
	Remote Sensing Paper-V: Cartography (3335)
	Russian Paper-V: 19th Century Russian Literature (2448)
	Sociology (SOC O 521): Population and Society (3354)
17 <sup>th</sup> , Wednesday	Botany Paper-VII: Gymnosperms (3525)
17 , Wednesday	Chemistry Paper-I (CH-421): Inorganic Chemistry (3550)
	Environment Science (ENV-6201) Paper-I: Biodiversity & Conservation (3574)
	<b>History of Art Paper-V:</b> History of Indian Sculpture and Architecture from 1st Century A.D. to 6 <sup>th</sup>
	Century A.D. (2920)
	Master in Social Works CSW-123: Social Work Practice (3117)
	Philosophy Paper-201: Philosophical Psychology(Debates in Philosophical Psychology) (3264)
	Police Administration Paper-II: Criminology (3146)
	Punjabi Paper-VI: Adhunik Pachhmi Kavi Shastra Ate Viharak Alochna (2373)
	Statistics Stat-201: Numerical Techniques using FORTRAN (3736)
	Women Studies Paper-I: Feminism: An Indian Perspective (3398)
	<b>Zoology Paper-VII:</b> Comparative Anatomy of Vertebrates-II (3761)
18 <sup>th</sup> , Thursday	Bioinformatics MBIN-8008: Sequence Bioinformatics and Software Tools (3498)
18 , Inursday	English Paper-I: Literary Criticism-II (2255)
	Gandhian & Peace Studies Paper-VII: Economic Thought of Mahatma Gandhi (2837)
	M.Sc. (IT) MS-45: Advanced Java & Network Programming (3612)
	Sanskrit Paper-V: Vaidik Sahitya (2472)  P.T.O.

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(Regular/Reappear/Golden Chance/Improvement of the Performance) May-2017

DATE & DAY	SUBJECT/SUBJECT/CODE NO.
MAY, 2017	N I I I I I
19 <sup>th</sup> , Friday	Biotechnology MBIO-202:Biology of Immune System (3473)
	Buddhist & Tibetan Studies Paper-VI: Himalyan and Mahayana Buddhism (2232)
	Community Education & Development Paper-I: Community Social Psychology (2592)
	<b>Disaster Management DM-5:</b> Finance & Insurance in Disaster Management (2642)
	Education Paper-VIII (C03-ERS): Educational Research and Statistics-II (2735)
	Hindi Paper-II: Adhunik Hindi Kavya (2339)
	History Paper-II Group-II:
	Opt.(i): Agrarian Economy of Ancient India (HIS 713) (2865) Opt.(ii) Agrarian Economy of Medieval India(HIS 712) (2866)
	Opt.(ii) Agrarian Economy of Modern India(HIS 712) (2800) Opt.(iii): Agrarian Economy of Modern India(HIS 711) (2867)
	Opt.(iii): Agrarian Economy of Modern India(FIS 711) (2807)  Opt.(iv): Industry, Trade & Urbanization in Medieval India (HIS 721) (2868)
	Opt.(v): Industry & Trade in Modern India (HIS 730)(2869)
	Human Rights & Duties Core Paper-5: Development, Globalization and Human Rights (2944)
	M. P.Ed. Paper-VII MPS-202: Management of Physical Education and Sports (3086)
	Microbial Biotechnology MBT-202: Molecular Biology (3689)
	Physics (PHY-6012): Quantum Mechanics-II (3710)
	Political Science Course-VI: Comparative Politics-I: Understanding Advanced Industrial Societies
	(3171)
	Public Administration Paper-III: Public Policy & Administration (3220)
	Urdu Paper-I: Modern Poetry (2508)
20 <sup>th</sup> , Saturday	Ancient Indian History, Culture & Archaeology Paper-X: History of India from C. 300 A.D. to
•	1200 A.D. (Compulsory) (2549)
	<b>Defence &amp; Strategic Studies DS-6:</b> Strategic Aspects of India's Security (2617)
	French FRD-203: French Drama(19th & 20th Centuries) (2293)
	Geography Paper-II: Geography of India(Systematic & Regional) (2798)
	Journalism & Mass Communication Paper-III: Editing & Design for Print Media (2988)
	M. Com (M.C203): Financial Management & Policy (3815) (Same for USOL Candidates)
	Master in Social Works CSW-124: Understanding Communities (3118)
	Mathematics (Math-623-S): Vector Analysis & Mechanics (3652)
	Persian Paper-III: Modern Prose (2421)
	Philosophy Paper-202: Western Philosophy (Modern Western Philosophy) (3265)
	Police Administration Paper-III: Research Methodology (3147)
	Psychology Paper-III: Experimental and Cognitive Psychology-II (3296)  Remote Sensing Paper-VI: Spatial Analysis (3336)
	Russian Paper-VI: Translation (2449)
	Sociology (SOC O 621): Social Dimensions of Development (3355)
	Statistics Stat-202: Estimation & Testing of Hypothesis (3737)
	Women Studies Paper-II: Emerging Trends in Research Methodology (3399)
	Zoology Paper-VIII: Biosystematics and Evolution (3762)
22 <sup>nd</sup> , Monday	Bioinformatics MBIN-8009: Programming Languages in Bio-informatics-I (3499)
22 , monday	Biotechnology MBIO-203:Biophysical and Biochemical Techniques(3474)
	Botany Paper-VIII: Angiosperm Morphology, Taxonomy and Phylogeny (3526)
	Chemistry Paper-II (CH-422): Organic Chemistry (3551)
	<b>Disaster Management DM-6:</b> Research Methods in Disaster Management (2643)
	Economics (MAECO 203): Quantitative Method-II (2664)
	English Paper-II: British Poetry-II (2256)
	Environment Science (ENV-6202) Paper-II: Environmental and Analysis Techniques and
	Instrumentation (3575)
	Fine Arts Paper-V: History of Indian Architecture (2774)
	Gandhian & Peace Studies Paper-VIII: Conflict and Conflict Resolution (2838)
	<b>History of Art</b> Paper-VI: History of European Art from the Early Medieval Period till Late Gothic
	Period c.a. 1400 A.D. (2921)
	M.Sc. (IT) MS-60: Advanced Database Programming and MySQL (3614)
	Physics (PHY-6013): Particle Physics-I (3711)
	Public Administration Paper-IV: Administrative Law (3221)
	Punjabi Paper-VII:
	Opt. (i): Madhkali Punjabi Kav-II (2374)
	Opt. (ii): Sufi Kissa Ate Vir Kav (2375)
	Sanskrit Paper-VI: Kavya Avem Kavya Shastra (2473)  Lindy Paper II: Madam Proce (Undy Prome and Theotre) (2500)
23 <sup>rd</sup> , Tuesday	Urdu Paper-II: Modern Prose (Urdu Drama and Theatre) (2509)  Ancient Indian History, Culture & Archaeology Paper-XIV: Indian Architecture (2553)
23, Tuesuay	Buddhist & Tibetan Studies Paper-VII: Early Buddhist Literature (2233)
	Community Education & Development Paper-II: Urbanization and Slums (2593)
	Contd P/3

## -3-M.A./M.SC./M.COM./M.P.<mark>ED.-2<sup>ND</sup> SEMESTER</mark>

(Regular/Reappear/Golden Chance/Improvement of the Performance) May-2017

(Reg	rular/Reappear/Golden Chance/ Improvement of the Performance) May-2017
DATE & DAY	SUBJECT/SUBJECT/CODE NO.
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MAY, 2017	The state of the s
23 <sup>rd</sup> , Tuesday	Education Paper-IX& X (E02-GNC) Opt.(b): Guidance & Counselling-II (2737)
	Hindi Paper-III: Adhunik Hindi Gadhya Sahitya (2340)
	History Paper-III Group-III:
	Opt. (i) Modern World (Mid 15th-19th Century) (HIS 831) (2871)
	Opt. (ii) China & Japan (1840-1950) (HIS 844) (2872)
	Human Rights & Duties Core Paper-6: Human Rights and Duties: Women and Children (2945)
	Indian Classical Dance Paper-I: Survey of Historical & Theoretical Aspects of Indian Dance (3064)
	Indian Theatre Paper-V: Dramatic Literature (Theory) (2967)
	Journalism & Mass Communication Paper-IV: Radio &TV Communication-II (2989)
	M. Com (M.C204): Production and Material Management (3816) (Same for USOL Candidates)
	M. P.Ed. Paper-VIII EXP-203: Exercise Physiology (3087)
	Mathematics (Math-624-S): Complex Analysis-II (3653)
	Microbial Biotechnology MBT-203: Industrial Microbiology-I (Health, Food, Enzymes) (3690)
	Music (Instrumental): Paper-I: Theoretical Survey, Principles of Aesthetics and Critical study of
	Ragas (3016)
	Music (Tabla): Paper-I: Applied Theory of Music (Tabla) (3048)
	Music (Vocal) Paper-I: Theoretical Survey, Principles of Aesthetics and Critical study of Ragas (3032)
	Police Administration Paper-IV: Sociology and Police Administration (3148)
	Political Science Course-VII: Indian Politics: Political Process Compulsory (3172)
	Psychology Paper-IV: Research Methodology & Statistics-II (3297)
	Sociology (SOC O 721): Sociology of Urban Settlements (3356)
24 <sup>th</sup> 337 1 1	Zoology Paper-IX: Endocrinology and Neural Physiology (3763)  Defence & Stratogic Studies DS 7: Modern Stratogic Thought (2618)
24 <sup>th</sup> , Wednesday	Defence & Strategic Studies DS-7: Modern Strategic Thought (2618)
	French FRL-202: General Linguistics (2292)
	Geography Paper-III: Fundamentals of Remote Sensing (Theory) (2799)
	Master in Social Works FSW-223: Women, Society & Development (3119)
	Persian Paper-IV: Modern Poetry (2422)
	Philosophy Paper-203: Classical Indian Philosophy (Indian Epistemology) (3266)
	Remote Sensing Paper-VII: Image Processing (3337)
	Russian Paper-VII: Modern Russian Language (Morphology) (2450)
	Statistics Stat-203: Sampling Theory and Official Statistics (3738)
	Women Studies Paper-III: United Nations and Women's Issues (3400)
25 <sup>th</sup> , Thursday	Bioinformatics MBIN-8010: Immunology and Cell Biology (3500)
,	Biotechnology MBIO-204:Enzymology and Enzyme Technology (3475)
	Punjabi Paper-VIII:
	Opt. (i): Punjabi Novel da Adhiyan (2376)
	Opt. (ii): Punjabi Ate Parvasi Punjabi Kahani da Adhiyan (2377)
26 <sup>th</sup> , Friday	Botany Paper-IX: Reproductive Biology of Angiosperms (3527)
20 , 111day	Chemistry Paper-III (CH-423): Physical Chemistry (3552)
	Community Education & Development Paper-III: Corporate Social Responsibility (2594)
	Disaster Management DM-7: Disasters in India (2644)
	Education Paper IX & X (E03-EDT) Opt (c): Educational Technology-II (2738)
	English Paper-III: British Drama-II (2257)
	Environment Science (ENV-6203) Paper-III :Environmental Pollution (3576)
	Fine Arts Paper-VI: History of Indian Painting (2775)
	Gandhian & Peace Studies Paper-IX: Social Thoughts of Mahatma Gandhi (2839)
	<b>History of Art</b> Paper-VII: History of Indian Painting from c.a. 1550 A.D. to c.a.1850 A.D. (2922)
	History Paper-IV Group-IV:
	Opt. (i) USA (1820-1973) (HIS 812) (2875)
	Opt. (ii) World in the Twentieth Century(HIS 832) (2876)
	Journalism & Mass Communication Paper V: Media Management (2990)
	M.Sc. (IT) MS-65: E-Commerce and Emerging Trends (3613)
	Mathematics (Math-625-S): Number Theory-II (3654)
	Microbial Biotechnology MBT-204: Bioinformatics & Biostatics (3691)
	Physics (PHY-6014): Nuclear Physics-I (3712)
	Public Administration Paper-V: Indian Political & Administrative System (3222)
	Sanskrit Paper-VII: Vyakaran Aur Bhasavigyan (2474)
	Sociology (SOC O 821): Structure Moorings of Gender Oppression (3357)
41-	Urdu Paper-III: Non-fiction (Essay and Translation) (2510)
27 <sup>th</sup> , Saturday	Ancient Indian History, Culture & Archaeology Paper-XV: Sculpture (2554)
	Buddhist & Tibetan Studies Paper-VIII: Dhammapada and Jataka Stories (2234)
	Economics (MAECO 204): International Economics (2665)
	French FRT-204: Translation (Theory & Applied) (2294)
	Geography Paper-IV:
	Opt.(i): Culture Geography (2800)
	Opt.(ii): Population and Development Planning (2801)
	Opt.(ii): Fundamentals of Natural Hazards and Disaster Management (2802)
	Opt.(iii): Fundamentals of Natural Flazards and Disaster Management (2002)  Opt.(iv): Marketing Geography (2803)
	Opt.(iv): Marketing Geography (2803) Opt.(v): Geography of Water Resources (2804)
	Opt.(vi): Geography of Water Resources (2804) Opt.(vi): Administrative Geography (2805)
	Opt.(vi). Administrative Geography (2803)

### M.A./M.SC./M.COM./M.P.ED.-2<sup>ND</sup> SEMESTER

(Regular/Reappear/Golden Chance/Improvement of the Performance) May-2017

DATE & DAY	SUBJECT/SUBJECT/CODE NO.
DATE & DAT	SUBJECT/SUBJECT/CODE NO.
MAY, 2017	
27 <sup>th</sup> , Saturday	Hindi Paper-IV: Pashchatya Kavya Shastra Avem Samkalin Alochna Sidhant (2341)
	Human Rights & Duties Core Paper-7: Environment, Human Rights and Duties (2946)
	Indian Classical Dance: Paper-II: Practical Composition and Essay (3065)
	Indian Theatre Paper-VI: Theatre Architecture (Theory) (2968)
	M. Com (M.C205): Operations Research (3817) (Same for USOL Candidates)
	M.P.Ed. Paper-IX ASP-204: Applied Statistics in Physical Education and Sports (3088)
	Master in Social Works FSW-224: Development and Social Work (3120)
	Music (Instrumental): P-II: History of Indian Music (3017)
	Music (Tabla): Paper-II: History and Study of Lakshan Granthas (3049)
	Music (Vocal): P-II: History of Indian Music (3033)
	Panjabi (Hons) Paper-XIX: Varis Shah: Dhergh Adhiyan (2401)
	Police Administration Paper-V: Police Psychology (3149)
	<b>Political Science</b> Course-VIII: Approaches to the Study of International Relations (3173)
	Remote Sensing Paper-VIII: Fundamentals of Global Positioning System (GPS) (3338)
	Russian Paper-VIII: Modern Russian Language (Phonetics, Lexicology and Phraseology) (2451)
	Zoology Paper-X: Immunology (3764)
29 <sup>th</sup> , Monday	Bioinformatics MBIN-8011: Metabolic Pathway Analysis (3501)
•	Biotechnology MBIO-205:Environmental Biotechnology (3476)
	<b>Defence &amp; Strategic Studies</b> DS-8: Research Methodology (2619)
	Education Paper-IX& X (E07-EAM) Opt.(g): Educational Administration and Management-II (2742)
	M. Com (M.C206): Business Policy & Strategic Management (3818) (Same for USOL Candidates)
	Microbial Biotechnology MBT-205: Intellectual Property Rights (IPR) & Bioethics & Entrepreneurship
	(3692)
	Philosophy Paper-204: Logic (Part-II) (3267)
	Sociology (SOC O 921): Peasants and Rural Society in India (3358)
	Statistics Stat-204: Measure & Probability (Theory) (M.6) (3739)
	Women Studies Paper-IV(ii): Women and Environment (3401)
30 <sup>th</sup> , Tuesday	Botany Paper-X: Plant Pathology (3528)
	Chemistry Paper-IV (CH-424): Group Theory, Spectroscopy and Diffraction Methods (3553)
	Community Education & Development Paper-IV: Human Resource Development and Training (2595)
	<b>Disaster Management</b> DM-8: Disaster Management Mechanisms in India (2645)
	English Paper-IV: British Fiction-II (2258)
	Environment Science (ENV-6204) Paper-IV: Environmental Impact Assessment & Auditing (3577)
	Gandhian & Peace Studies Paper-X: Gandhi and World Peace (2840)
	History of Art Paper-VIII: Basic Religious Systems and Iconographic Concepts (2923)
	M. P.Ed. Paper-X TTF-205: Theory Track and Field-I (3089)
	M.Sc. (IT) MS-67: Artificial Intelligence (3615)
	Panjabi (Hons) Paper-XX: Pra-lochna ate Panjabi Alochna-II (2402)
	Physics (PHY-6015): Electronics-II (3713)
	Sanskrit Paper-VIII: Darshan (2475)
	Sociology (SOC O 922): Organizational Theory and Behaviour (3359)
	Urdu Paper-IV: Print Media and Mass Media (Radio and T.V.) (2511)
31 <sup>st</sup> , Wednesday	M. Com:
	M.C207A: Entrepreneurship Development & Project Management (3819) (Only for USOL Candidates)
	M.C207B: Financial Services (3820) (Only for USOL Candidates)
	Sociology (SOC O 923): Basic Social Statistics (3360)

#### **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 <u>Psychology</u>.
- 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.
- FOR CLASH, IF TWO EXAMINATIONS OF A SINGLE CANDIDATE FALLS ON THE SAME DATE/TIME, THE CANDIDATE HAS TO SEND HIS/HER EMAIL ALONG WITH ADMIT CARDS OF BOTH CLASSES REGARDING THIS ISSUE TO arconduct@pu.ac.in BY CLEARLY MENTIONING IN WHICH PAPER HE/SHE HAS TO APPEAR/LEFT ON THE SCHEDULED DATE. FOR DETAILED INFORMATION PLEASE CONTACT 0172-2534810/2541303.

Chandigarh: 160014 Prof. Parvinder Singh
Dated: 11.04.2017 Controller of Examinations

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