

PANJAB UNIVERSITY, CHANDIGARH

Date-Sheet for **M.A./M.SC./M.COM./M.P.ED. (Semester System)-2ND SEMESTER**
(Full Subjects/Reappear/Improvement of Performance) Examination
to be held in **May/June - 2023**

(THEORY EXAMINATIONS)
TIME OF EXAMINATIONS: 2.00 p.m. to 5.00 p.m.

Date & Day	SUBJECT/SUBJECT/CODE NO.
May-2023 8 th , Monday	Ancient Indian History, Culture & Archaeology: AIH 009C Paper-IX: An outline of the history of India from circa 700 B.C. to 78 A.D. (Compulsory) (2548)
	Hindi Paper-I: Hindi Sahitya Ka Adhunik Kal (2338)
	Indian Classical Dance Paper-I: Survey of Historical & Theoretical Aspects of Indian Dance (3064)
	M. Com (M.C.-202): Research Methodology in Commerce (3814) (<i>Same for USOL Candidates</i>)
	M.Sc. (IT) MS-45: Advanced Java & Network Programming (3612)
	Music (Vocal) Paper-I : Theoretical Survey, Principles of Aesthetics and Critical study of Ragas (3032)
	Philosophy Paper-201: Philosophical Psychology(Debates in Philosophical Psychology) (3264)
	Police Administration Paper-I: Correctional Administration (3145)
	Public Administration Paper-I: Administrative Thought (3223)
	Punjabi Paper-V: Adhunik Punjabi Sahit Da Itihas (2372)
	Urdu Paper-I: Modern Poetry (2508)
	Zoology Paper-IX: Endocrinology and Neural Physiology (MZL 7001) (3762)
	Education Paper IX & X MAEDU-II (E04-SED) Opt (d): Special Education-II (2739)
9 th , Tuesday	Bioinformatics MBIN-8007: Statistics and Probability (3497)
	History of Art Paper-V: History of Indian Sculpture and Architecture from 1st Century A.D. to 6 th Century A.D. (2920)
	History Paper-I: Punjab in the Eighteenth Century (HIS 125) (Compulsory) (2864)
	Journalism & Mass Communication Paper-I: Communication Theory (2986)
	Mathematics (Math-621-S): Real Analysis-II (3650)
	Psychology Paper-I: Theories and Systems of Psychology-II (3294)
	Sanskrit Paper-V: Vaidik Sahitya (2472)
	Sociology (SOC O 521): Population and Society (3354)
10 th , Wednesday	Biotechnology MBIO-201: Molecular Biology (3472)
	Economics (MAECO 201): Micro Economics-II (2662)
	Geoinformatics GI: 201: Cartography (3335)
	Human Rights & Duties Core Paper-5: Development, Globalization and Human Rights (2944)
	Microbial Biotechnology MBT-201: Medical Microbiology (3688)
	Physics (PHY-8021): Mathematical Physics-II (3709)
	Women Studies Paper-I: Feminism: An Indian Perspective (3398)
11 th , Thursday	Botany Paper-IX: Reproductive Biology of Angiosperms (3527)
	Chemistry Paper-I (CH-421): Inorganic Chemistry (3550)
	Community Education & Development Paper-I: Community Social Psychology (2592)
	Defence & Strategic Studies DS-5: Defence Aspects of International Relations (2616)
	Environment Science (ENV-6201) Paper-I: Biodiversity & Conservation (3574)
	Master in Social Work CSW-201: Social Case Work (3117)
	Political Science Course-V: Western Political Thought-II (3170)
	Public Administration Paper-II: Public Finance and Financial Administration (3224)
	Sociology (SOC O 621): Social Dimensions of Development (3355)
12 th , Friday	Ancient Indian History, Culture & Archaeology: AIH 010C Paper-X: An outline of the history of India from circa 300 A.D. to 1200 A.D. (Compulsory) (2549)
	Education Paper IX & X MAEDU-II (E03-EDT) Opt (c): Educational Technology-II (2738)
	Gandhian & Peace Studies Paper-VI: Gandhi and Freedom Movement (2836)
	Governance & Leadership:Paper – I: Public Policy (3996)
	M. Com (M.C.-203): Financial Management & Policy (3815) (<i>Same for USOL Candidates</i>)
	M. P.Ed. Paper-V MPCC-201: Applied Statistics in Physical Education and Sports (3085)
	Music (Tabla) Paper-I: Applied Theory of Music (Tabla) (3048)
	Zoology Paper-VI: Structure and Functions of Invertebrates-II (3759)
13 th , Saturday	Bioinformatics MBIN-8008: Sequence Bioinformatics and Software Tools (3498)
	English Paper-VIII: (Opt i) : Introduction to literary genres - II (2259) (Opt ii) : British literature – IV (2260) (Opt iii): Academic Writing – II (2261)
	Hindi Paper-II: Adhunik Hindi Kavya (2339)

Date & Day	SUBJECT/SUBJECT/CODE NO.
May-2023 13 th , Saturday	History Paper-II: Opt.(i): Agrarian Economy of Ancient India (HIS 713) (2865) Opt.(ii) Agrarian Economy of Medieval India(HIS 712) (2866) Opt.(iii): Agrarian Economy of Modern India(HIS 711) (2867) Opt.(iv): Industry, Trade & Urbanization in Medieval India (HIS 721) (2868) Opt.(v): Industry & Trade in Modern India (HIS 730)(2869) Indian Classical Dance: Paper-II: Practical Composition and Essay (3065) Journalism and Mass Communication Paper-II: Print Journalism (2987) M.Sc. (IT) MS-60: Advanced Database Programming and MySQL (3614) Mathematics (Math-622-S): Algebra-II (3651) Music (Vocal) Paper-II: History of Indian Music (3033) Philosophy Paper-202: Western Philosophy (Modern Western Philosophy) (3265) Police Administration Paper-II: Criminology (3146) Psychology Paper-II: Social Psychology-II (3295) Public Administration Paper-III: Public Personnal Administration (3225) Punjabi Paper-VI: Adhunik Pachhmi Kavi Shastra Ate Viharak Alochna (2373) Sociology (SOC O 721): Sociology of Urban Settlements (3356) Statistics Stat-201: Numerical Techniques using C (Theory 1/2 , Practical ½) (3736) Urdu Paper-II: Modern Prose (Urdu Drama and Theatre) (2509)
15 th , Monday	Biotechnology MBIO-202: Biology of Immune System (3473) Buddhist & Tibetan Studies Paper-V: Buddhist Philosophy (2231) Disaster Management DM-201: Global Initiatives for Disaster Management(2642) Geography GEOG 201: Climatology (2797) Geoinformatics GI: 202: Spatial Analysis (3336) History of Art Paper-VI: History of European Art from the Early Medieval Period till Late Gothic Period c.a. 1400 A.D. (2921) Human Rights & Duties Core Paper-6: Women and Human Rights (2945) Microbial Biotechnology MBT-202: Molecular Biology (3689) Panjabi (Hons) Paper-XIX: Varish Shah: Dhergh Adhiyan (2401) Physics (PHY-8022): Statistical Mechanics (3710) Sanskrit Paper-VI: Kavya Avem Kavya Shastra (2473)
16 th , Tuesday	Botany Paper-VI: Pteridophytes (3524) Community Education & Development Paper-II: Urbanization and Slums (2593) Defence & Strategic Studies DS-6: Strategic Aspects of India's Security (2617) Economics (MAECO 202): Macro Economics – II (2663) Environment Science (ENV-6202) Paper-II: Environmental Analysis Techniques and Instrumentation (3575) Fine Arts Paper-V: History of Indian Architecture (2774) M. Com (M.C.-204): Production and Materials Management (3816) (<i>Same for USOL Candidates</i>) Master in Social Work CSW-202: Social Group Work(3118) Political Science Course-VI: Comparative Politics-I: Understanding Advanced Industrial Societies (3171) Public Administration Paper-IV: Organizational Psychology (3226) Sociology (SOC O 821): Structure Moorings of Gender Oppression (3357) Women Studies Paper-II: Emerging Trends in Feminist Research Methodology (3399)
17 th , Wednesday	Ancient Indian History, Culture & Archaeology: AIH 014C Paper-XIV: Indian temple Architecture upto circa 1250 A.D. (2553) Chemistry Paper-II (CH-422): Organic Chemistry (3551) Comparative Study of Religions Paper-V: Study of Religion II (SOR05) (4066) Education Paper-IX& X MAEDU-II (E02-GNC) Opt.(b): Guidance & Counselling-II (2737) Gandhian & Peace Studies Paper-VII: Economic Thought of Mahatma Gandhi (2837) Governance & Leadership:Paper – II: Research Methods (3997) Indian Theatre Paper-V: Dramatic Literature (2967) M. P.Ed. Paper-VI MPCC-202: Sports Biomechanics and Kinesiology (3086) Mathematics (Math-623-S): Vector Analysis & Mechanics (3652) Music (Tabla) Paper-II: History and Study of Lakshan Granthas (3049) Russian Paper-V: 19th Century Russian Literature (2448) Zoology Paper-VII: Comparative Anatomy of Vertebrates-II (3760)
18 th , Thursday	Bioinformatics MBIN-8009: Programming Languages in Bio-informatics-I (3499) English Paper-V: Literary movements - II (2254) Hindi Paper-III: Adhunik Hindi Gadya Sahitya (2340) History Paper-III & IV: Opt. (i) Modern World (Mid 15th-19th Century) (HIS 831) (2871) Journalism & Mass Communication Paper-III: Editing & Design for Print Media (2988) M.Sc. (IT) MS-65: E-Commerce and Emerging Trends (3613) Police Administration Paper-III: Research Methodology (3147) Psychology Paper-III: Experimental and Cognitive Psychology-II (3296) Punjabi Paper-VII: Opt. (i): Madhkali Punjabi Kavi-II (2374) Opt. (ii): Sufi Kissa Ate Vir Kavi (2375)

Date & Day	SUBJECT/SUBJECT/CODE NO.
May-2023 18 th , Thursday	Sociology (SOC O 921): Peasants and Rural Society in India (3358)
	Statistics Stat-202: Estimation & Testing of Hypothesis (Theory $\frac{3}{4}$, Practical $\frac{1}{4}$) (3737)
	Urdu Paper-III: Non-fiction (Essay and Translation) (2510)
19 th , Friday	Biotechnology MBIO-203: Biophysical and Biochemical Techniques (3474)
	Philosophy Paper-203: Classical Indian Philosophy (Indian Epistemology) (3266)
	Public Administration Paper-V: Police Administration (3227)
20 th , Saturday	Botany Paper-VII: Gymnosperms (3525)
	Buddhist & Tibetan Studies Paper-VI: Himalyan and Mahayana Buddhism (2232)
	Community Education & Development Paper-III: Corporate Social Responsibility (2594)
	Disaster Management DM-202: Disaster Management Mechanism in India (2643)
	Geography GEOG 202: Geography of India (Systematic & Regional) (2798)
	Geoinformatics GI: 203: Digital Image Processing (3337)
	History of Art Paper-VII: History of Indian Painting from c.a. 1550 A.D. to c.a.1850 A.D. (2922)
	Human Rights & Duties Core Paper-7: Environment, Human Rights and Duties (2946)
	M. Com (M.C.-205): Operations Research (3817) (<i>Same for USOL Candidates</i>)
	Microbial Biotechnology MBT-203: Industrial Microbiology-I (Health, Food, Enzymes) (3690)
	Panjabi (Hons) Paper-XX: Pralochna Ate Punjabi Alochna-II (2402)
	Sanskrit Paper-VII: Vyakaran Aur Bhasavigyan (2474)
	Sociology (SOC O 922): Organizational Theory and Behaviour (3359)
	Women Studies Paper-III: The United Nations and Women's Issues (3400)
	22 nd , Monday
Chemistry Paper-III (CH-423): Physical Chemistry (3552)	
Comparative Study of Religions Paper-VI: Hinduism - II (HIN06) (4067)	
Defence & Strategic Studies DS-7: Modern Strategic Thought (2618)	
Education Paper-VI MAEDU-II (C01-PSF): Philosophical and Sociological Foundations of Education-II (2733)	
Environment Science (ENV-6203) Paper-III: Environmental Pollution (3576)	
Fine Arts Paper-VI: History of Indian Painting (2775)	
Gandhian & Peace Studies Paper-VIII: Conflict and Conflict Resolution (2838)	
Governance & Leadership: Paper – III: Political Parties and Electoral Process (3998)	
Indian Theatre Paper-VI: Theatre Architecture (2968)	
M. P.Ed. Paper-VII MPCC-203: Track and Field Theory -I (3087)	
Master in Social Work CSW-203: Community Organization & Development (3119)	
Political Science Course-VII: Indian Politics: Political Processes Compulsory (3172)	
Russian Paper-VI: Translation (2449)	
Zoology Paper-VIII: Biosystematics and Evolution (3761)	
24 th , Wednesday	Bioinformatics MBIN-8010: Immunology and Cell Biology (3500)
	Biotechnology MBIO-204: Enzymology and Enzyme Technology (3475)
	Economics (MAECO 203): Quantitative Methods-II (2664)
	English Paper-VI: Approaches to literary criticism – II (2255)
	Hindi Paper-IV: Pashchatya Kavya Shastra Avem Samkalin Alochna Sidhant (2341)
	M. Com (M.C.-206): Business Policy & Strategic Management (3818) (<i>Same for USOL Candidates</i>)
	M.Sc. (IT) MS-67: Artificial Intelligence (3615)
	Philosophy Paper-204: Logic (Part-II) (3267)
	Physics (PHY-8023): Classical Electrodynamics - I (3711)
	Public Administration Paper-VI: Project Management (3228)
	Punjabi Paper-VIII: Opt. (i): Punjabi Novel da Adhiyan (2376) Opt. (ii): Punjabi Ate Parvasi Punjabi Kahani da Adhiyan (2377)
	Sanskrit Paper-VIII: Darshan (2475)
	Statistics Stat-203: Sampling Theory and Official Statistics (Theory $\frac{3}{4}$, Practical $\frac{1}{4}$) (3738)
	Urdu Paper-IV: Print Media and Mass Media (Radio and T.V.) (2511)
	25 th , Thursday
Buddhist & Tibetan Studies Paper-VII: Early Buddhist Literature (2233)	
Community Education & Development Paper-IV: Human Resource Development and Training (2595)	
Disaster Management DM-203: Incident Response System and Emergency Management (2644)	
Geography GEOG 203: Fundamentals of Remote Sensing (Theory/Practical) (2799)	
Geoinformatics GI: 204: Fundamentals of Global Positioning System (3338)	
History of Art Paper-VIII: Basic Religious Systems and Iconographic Concepts (2923)	
History Paper-III & IV: Opt. (ii) China & Japan (1840-1950) (HIS 844) (2872)	
Human Rights & Duties Core Paper-8: Civil Society and Human Rights Movements in India (2947)	
Journalism & Mass Communication Paper-IV: Radio & TV Communication-II (2989)	
Mathematics (Math-624-S): Complex Analysis-II (3653)	
Microbial Biotechnology MBT-204: Bioinformatics & Biostatistics (3691)	
Music (Instrumental) Paper-I: Theoretical Survey, Principles of Aesthetics and Critical study of Ragas (3016)	

Date & Day	SUBJECT/SUBJECT/CODE NO.
May-2023 25 th , Thursday	Police Administration Paper-IV: Sociology and Police Administration (3148)
	Psychology Paper-IV: Research Methodology & Statistics-II (3297)
	Sociology (SOC O 923): Basic Social Statistics (3360)
	Women Studies Paper-IV(ii): Women and Environment (3401)
27 th , Saturday	Chemistry Paper-IV (CH-424): Group Theory, Spectroscopy and Diffraction Methods (3553)
	Comparative Study of Religions Paper-VII: Buddhism (BUD07) (4068)
	Defence & Strategic Studies DS-8: Research Methodology (2619)
	Education Paper-VII MAEDU-II (C02-EDP): Educational Psychology-II (2734)
	Environment Science (ENV-6204) Paper-IV: Environment Awareness Impact Assessment & Auditing (3577)
	Gandhian & Peace Studies Paper-IX: Social Thought of Mahatma Gandhi (2839)
	M. P.Ed. Paper-VIII MPEC-201: Management of Physical Education and Sports (3088)
	Master in Social Work CSW-204: Social Work Practice (3120)
	Political Science Course-VIII: Theories of International Relations (3173) OR
	Political Science Course-VIII: Approaches to the study of international relations (3174)
	Public Administration Paper-VII: International Administration (3229)
	Russian Paper-VII: Modern Russian Language (Morphology) (2450)
	Sociology SOC R 425: Positivistic Sociological Theories (3352)
	Zoology Paper-X: Immunology (3763)
29 th , Monday	Bioinformatics MBIN-8011: Metabolic Pathway Analysis (3501)
	Biotechnology MBIO-205: Environmental Biotechnology (3476)
	English Paper-VII: (Opt i) : Cultural Studies – II (2256) (Opt ii) : Language and linguistics – II (2257) (Opt iii) : British Literature – III (2258)
	Physics (PHY-8024): Electronics-II (3712)
	Statistics Stat-204: Complex Analysis (3739)
	Botany Paper-X: Plant Pathology (3528)
30 th , Tuesday	Buddhist & Tibetan Studies Paper-VIII: Dhammapada and Jataka Stories (2234)
	Disaster Management DM-204: Disaster Risk Reduction and Management Planning (2645)
	Economics (MAECO 204): Public Finance (2665)
	Geography GEOG 204: Opt.(i): Cultural Geography (2800) Opt.(ii): Population and Development Planning (2801) Opt.(iii): Fundamentals of Natural Hazards and Disaster Management (2802) Opt.(iv): Marketing Geography (2803) Opt.(v): Geography of Water Resources (2804) Opt.(vi): Administrative Geography (2805)
	History Paper-III & IV: Opt. (v) USA (1820-1973) (HIS 812) (2875)
	Journalism & Mass Communication Paper V: Media Management (2990)
	M. Com. (M.C.-201): Business Environment (3813) (<i>Same for USOL Candidates</i>)
	Mathematics (Math-625-S): Number Theory-II (3654)
	Microbial Biotechnology MBT-205: Intellectual Property Rights (IPR) Bioethics & Entrepreneurship (3692)
	Music (Instrumental) Paper-II : History of Indian Music (3017)
	Police Administration Paper-V: Police Psychology (3149)
	Public Administration Paper-VIII: MIS and E-Governance (3230)
	Sociology SOC R 439: Methods & Techniques in Social Research (3353)
	31 st , Wednesday
Education Paper-VIII MAEDU-II (C03-ERS): Educational Research and Statistics-II (2735)	
Gandhian & Peace Studies Paper-X: Gandhi and World Peace (2840)	
M. P.Ed. Paper-VIII MPEC-202: Adapted Physical Education (3089)	
Russian Paper-VIII: Modern Russian Language (Phonetics, Lexicology and Phraseology) (2451)	
JUNE – 2023 2 nd , Friday	Statistics Stat-205: Measure and Probability Theory (M6) (3740)
3 rd , Saturday	History Paper-III & IV: Opt. (vi) World in the Twentieth Century(HIS 832) (2876)
	M. Com: M.C.-207A: Entrepreneurship Development & Project Management (3819) (Only for USOL Candidates)
	M.C.-207B: Financial Services (3820) (Only for USOL Candidates)

NOTE:

- 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.
- Candidates are permitted to use Statistical Tables and four functions calculators for their papers Research Methodology in the subject of Psychology.
- The candidates are advised to copy the subject code from the question paper to fill in the OMR Sheet.
- 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 datesheet@pu.ac.in BY CLEARLY MENTIONING IN WHICH PAPER HE/SHE HAS TO APPEAR/LEFT ON THE SCHEDULED DATE (ANY REQUEST FOR CLASH/LEFT OUT EXAM VIA E-MAIL ON ANY OTHER E-MAIL ID EXCEPT datesheet@pu.ac.in WILL NOT BE ENTERTAINED).. FOR DETAILED INFORMATION PLEASE CONTACT 0172-2534810/2541303.
- APPLICATION FOR THE CLASH CASES WILL BE ENTERTAINED UPTO THE DATE OF CONCLUSION OF EXAMINATIONS ONLY.