PANJAB UNIVERSITY, CHANDIGARH

Date-Sheet for M.A./M.SC./M.COM./M.P.ED. (Semester System)-2ND SEMESTER (Full Subjects/Reappear) Examination (Online Mode) to be held in July, 2021

(THEORY EXAMINATIONS)

TIME OF EXAMINATIONS: 1.30 p.m. to 4.30 p.m.

DATE & DAY	SUBJECT/SUBJECT/CODE NO.
JULY - 2021	
12 th . Monday	Bioinformatics MBIN-8007: Statistics and Probability (3497)
12 . Wionday	Buddhist & Tibetan Studies Paper-V: Buddhist Philosophy (2231)
	Chemistry Paper-I (CH-421): Inorganic Chemistry (3550)
	Comparative Study of Religions <i>Paper-V</i> : Study of Religion II (SOR05) (4066)
	Education Paper IX & X MAEDU-II (E03-EDT) Opt (c): Educational Technology-II (2738)
	English Paper-V: Literary movement - II (2254)
	M. Com (M.C202): Research Methodology in Commerce (3814) (Same for USOL Candidates)
	Master in Social Works CSW-201: Social Case Work (3117)
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	Philosophy Paper-201: Philosophical Psychology(Debates in Philosophical Psychology) (3264)
	Police Administration Paper-I: Correctional Administration (3145)
10th m 1	Political Science Course-V: Western Political Thought-II (3170)
13 th , Tuesday	AIH 009C Paper-IX: An outline of the history of India from circa 700 B.C. to 78 A.D.
	(Compulsory) (2548)
	Botany Paper-IX: Reproductive Biology of Angiosperms (3527)
	Defence & Strategic Studies DS-5: Defence Aspects of International Relations (2616)
	Economics (MAECO 201): Micro Economics-II (2662)
	Environment Science (ENV-6201) Paper-I: Biodiversity & Conservation (3574)
	French FRL-202: General Linguistics (2295)
	Gandhian & Peace Studies Paper-IX: Social Thoughts of Mahatma Gandhi (2839)
	Governance & Leadership:Paper – I: Public Policy (3996)
	History Paper-I: Punjab in the Eighteenth Century (HIS 125) (Compulsory) (2864)
	Journalism & Mass Communication Paper V: Media Management (2990)
	Mathematics (Math-621-S): Real Analysis-II (3650)
	Psychology Paper-I: Theories and Systems of Psychology-II (3294)
	Public Administration Paper-I: Administrative Thought (3223)
	Punjabi Paper-V: Adhunik Punjabi Sahit Da Itihas (2372)
	Russian Paper-V: 19th Century Russian Literature (2448)
	Sociology (SOC O 521): Population and Society (3354)
	Statistics Stat-201: Numerical Techniques using C (Theory 1/2, Practical ½) (3736)
	Women Studies Paper-I: Feminism: An Indian Perspective (3398)
14 th , Wednesday	Biotechnology MBIO-201:Molecular Biology (3472)
,	Community Education & Development Paper-I: Community Social Psychology (2592)
	Human Rights & Duties Core Paper-5: Development, Globalization and Human Rights (2944)
	M. Com (M.C203): Financial Management & Policy (3815) (Same for USOL Candidates)
	Physics (PHY-8021): Mathematical Physics-II (3709)
	Zoology Paper-IX : Endocrinology and Neural Physiology (MZL 7001) (3762)
15 th , Thursday	Buddhist & Tibetan Studies Paper-VI: Himalyan and Mahayana Buddhism (2232)
15 , Indisday	Disaster Management DM-201: Global Initiatives for Disaster Management (2642)
	Fine Arts Paper-V: History of Indian Architecture (2774)
	Geography GEOG 201: Climatology (2797)
	Geoinformatics G1: 301: Research Methodology & Internship Report (3340)
	History of Art Paper-V: History of Indian Sculpture and Architecture from 1st Century A.D. to
	6 th Century A.D. (2920)
	M. P.Ed. Paper-V MPCC-201: Applied Statistics in Physical Education and Sports (3085)
	Microbial Biotechnology MBT-201: Medical Microbiology (3688)
	Sanskrit Paper-V: Vaidik Sahitya (2472)
	Sociology (SOC O 621): Social Dimensions of Development (3355)
. cth	Urdu Paper-I: Modern Poetry (2508)
16 th , Friday	Bioinformatics MBIN-8008: Sequence Bioinformatics and Software Tools (3498)
	Chemistry Paper-II (CH-422): Organic Chemistry (3551)
	Comparative Study of Religions Paper-VI: Hinduism - II (HIN06) (4067)
	Education Paper-IX& X MAEDU-II (E02-GNC) Opt.(b): Guidance & Counselling-II (2737)
	English Paper-VI: Approaches to literary criticism – II (2255)
	French FRH-201: History of French Literature (18 th , 19 th , 20 th Centuries) (2294)
i	Governance & Leadership:Paper – II: Research Methods (3997)
	Hindi Paper-I: Hindi Sahitya Ka Adhunik Kal (2338)
1	Indian Theatre Paper-V: Dramatic Literature (2967)
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M.A./M.SC./M.COM./M.P.ED. (Semester System)-2ND SEMESTER (Full Subjects/Reappear)

	C./M.COM./M.P.ED. (Semester System)-2 ND SEMESTER (Full Subjects/Reappear)
DATE & DAY	SUBJECT/SUBJECT/CODE NO.
<u>JULY - 2021</u>	
16 th , Friday	M. Com (M.C204): Production and Material Management (3816) (Same for USOL Candidates)
	M.Sc. (IT) MS-45: Advanced Java & Network Programming (3612)
	Master in Social Works CSW-202: Social Group Work(3118)
	Mathematics (Math-622-S): Algebra-II (3651)
	Persian Paper-I: History of Persian Language & Literature (2419)
	Philosophy Paper-202: Western Philosophy (Modern Western Philosophy) (3265)
	Police Administration Paper-II: Criminology (3146)
	Public Administration Paper-II: Research Methods (4262) (OLD)
	Public Administration Paper-II: Public Finance and Financial Administration (3224)
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15th C	Russian Paper-VI: Translation (2449)
17 th , Saturday	AIH 010C Paper-X: An outline of the history of India from circa 300 A.D. to 1200 A.D.
	(Compulsory) (2549)
	Botany Paper-VI: Pteriodophytes (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)
	French FRT-204: Translation (Theory & Applied) (2297)
	Gandhian & Peace Studies Paper-VI: Gandhi and Freedom Movement (2836)
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	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)
	Human Rights & Duties Core Paper-6: Women and Human Rights (2945)
	Journalism & Mass Communication Paper-I: Communication Theory (2986)
	Music (Vocal) Paper-II: History of Indian Music (3033)
	Political Science Course-VI: Comparative Politics-I: Understanding Advanced Industrial Societies (3171)
	Punjabi Paper-VI: Adhunik Pachhmi Kavi Shastra Ate Viharak Alochna (2373)
	Sociology (SOC O 721): Sociology of Urban Settlements (3356)
	Statistics Stat-202: Estimation & Testing of Hypothesis (Theory ¾, Practical 1/4) (3737)
	Women Studies Paper-II: Emerging Trends in Feminist Research Methodology (3399)
19 th , Monday	
19, Monday	Biotechnology MBIO-202:Biology of Immune System (3473)
	Buddhist & Tibetan Studies Paper-VII: Early Buddhist Literature (2233)
	Disaster Management DM-202: Disaster Management Mechanism in India(2643)
	Fine Arts Paper-VI: History of Indian Painting (2775)
	French FRD-203: French & Francophone Drama(20th Century) (2296)
	Indian Theatre Paper-VI: Theatre Architecture (2968)
	M. Com (M.C205): Operations Research (3817) (Same for USOL Candidates)
	M. P.Ed. Paper-VI MPCC-202: Sports Biomechanics and Kinesiology (3086)
	M.Sc. (IT) MS-60: Advanced Database Programming and MySQL (3614)
	Microbial Biotechnology MBT-202: Molecular Biology (3689)
	Persian Paper-II: Elements of Persian Structure (2420)
	Physics (PHY-6012): Quantum Mechanics-II (4233) (OLD)
	Physics (PHY-8022): Statistical Mechanics (3710)
	Psychology Paper-II: Social Psychology-II (3295)
	Sanskrit Paper-VI: Kavya Avem Kavya Shastra (2473)
	Sociology (SOC O 821): Structure Moorings of Gender Oppression (3357)
	Urdu Paper-II: Modern Prose (Urdu Drama and Theatre) (2509)
41.	Zoology Paper-VI: Structure and Functions of Invertebrates-II (SFI) (3759)
20 th , Tuesday	Bioinformatics MBIN-8009: Programming Languages in Bio-informatics-I (3499)
	Chemistry Paper-III (CH-423): Physical Chemistry (3552)
	Community Education & Development Paper-III: Corporate Social Responsibility (2594)
	Comparative Study of Religions Paper-VII: Buddhism (BUD07) (4068)
	Economics (MAECO 203): Quantitative Method-II (2664)
	Education Paper-VI MAEDU-II (C01-PSF): Philosophical and Sociological Foundations of
	Education-II (2733)
	English Paper-VII:
	(Opt i): Cultural Studies – II (2256)
	(Opt ii): Language and linguistics – II (2257)
	(Opt iii): British Literature – III (2258)
	Geography GEOG 202: Geography of India(Systematic & Regional) (2798)
	Geoinformatics G1: 302: Geoinformatics for Geosciences (3341)
	Governance & Leadership:Paper – III: Political Parties and Electoral Process (3998)
	Hindi Paper-II: Adhunik Hindi Kavya (2339)
	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-7: Environment, Human Rights and Duties (2946)
	Journalism & Mass Communication Paper-III: Editing & Design for Print Media (2988)
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<u>M.A./M.SC./M.COM./M.P.ED.</u> (Semester System)-2ND SEMESTER (Full Subjects/Reappear)

JULY - 2021	SEMESTER (Fun Subjects/Reappear)
20 th , Tuesday	Mathematics (Math-623-S): Vector Analysis & Mechanics (3652)
20, Tuesday	Music (Vocal) Paper-I: Theoretical Survey, Principles of Aesthetics and Critical study of Ragas
	(3032)
	Philosophy Paper-203: Classical Indian Philosophy (Indian Epistemology) (3266)
	Political Science Course-VII: Indian Politics: Political Process Compulsory (3172)
	Public Administration Paper-III: Public Policy & Administration (4263) (OLD)
	Public Administration Paper-III: Public Personal Administration (3225)
	Russian Paper-VII: Modern Russian Language (Morphology) (2450)
22 nd , Thursday	AIH 014C Paper-XIV: Indian temple Architecture upto circa 1250 A.D. (2553)
	Botany Paper-VII: Gymnosperms (3525)
	Buddhist & Tibetan Studies Paper-VIII: Dhammapada and Jataka Stories (2234)
	Defence & Strategic Studies DS-7: Modern Strategic Thought (2618)
	Environment Science (ENV-6203) Paper-III :Environmental Pollution (3576)
	Gandhian & Peace Studies Paper-VII: Economic Thought of Mahatma Gandhi (2837)
	Indian Classical Dance Paper-I: Survey of Historical & Theoretical Aspects of Indian Dance (3064)
	Master in Social Works CSW-203: Community Organization & Development (3119)
	M. Com (M.C206): Business Policy & Strategic Management (3818) (Same for USOL Candidates)
	M. P.Ed. Paper-VII MPCC-203: Track and Field Theory -I (3087)
	M.Sc. (IT) MS-65: E-Commerce and Emerging Trends (3613) Music (Tabla) Paper-I: Applied Theory of Music (Tabla) (3048)
	Physics (PHY-6013): Particle Physics-I (4234) (OLD)
	Physics (PHY-8023): Classical Electrodynamics - I (3711)
	Police Administration Paper-III: Research Methodology (3147)
	Punjabi Paper-VII:
	Opt. (i): Madhkali Punjabi Kav-II (2374)
	Opt. (ii): Sufi Kissa Ate Vir Kav (2375)
	Statistics Stat-203: Sampling Theory and Official Statistics (Theory ¾, Practical 1/4) (3738)
	Women Studies Paper-III: The United Nations and Women's Issues (3400)
	Zoology Paper-VII: Comparative Anatomy of Vertebrates-II (CAV) (3760)
23 th , Friday	Biotechnology MBIO-203:Biophysical and Biochemical Techniques(3474)
	Disaster Management DM-203: Incident Response System and Emergency Management (2644)
	Economics (MAECO 204): Public Finance (2665)
	Geography GEOG 203: Fundamentals of Remote Sensing (Theory/Practical) (2799)
	Geoinformatics G1: 303: Geoinformatics for Urban & Regional Planning (3342)
	History of Art Paper-VII : History of Indian Painting from c.a. 1550 A.D. to c.a.1850 A.D. (2922)
	History Paper-III & IV:
	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-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-203: Industrial Microbiology-I (Health, Food, Enzymes) (3690)
	Music (Instrumental) Paper-I: Theoretical Survey, Principles of Aesthetics and Critical study of
	Ragas (3016)
	Panjabi (Hons) Paper-XIX: Varis Shah: Dhergh Adhiyan (2401)
	Persian Paper-III: Modern Prose (2421)
	Political Science Course-VIII: Theories of International Relations (3173)
	OR
	Political Science Course-VIII: Approaches to the study of international relations (3174)
	Psychology Paper-III: Experimental and Cognitive Psychology-II (3296)
	Public Administration Paper-IV: Administrative Law (4261) (OLD)
	Public Administration Paper-IV: Organizational Psychology (3226)
	Sanskrit Paper-VII: Vyakaran Aur Bhasavigyan (2474) Sociology (SOC O 921): Peasants and Rural Society in India (3358)
	Urdu Paper-III: Non-fiction (Essay and Translation) (2510)
24 th , Saturday	Ancient Indian History, Culture & Archaeology Paper-IX: History of India from C. 8 th
24 , Saturday	Century B.C. to 78 A.D.(Compulsory) (4257) (OLD)
	Bioinformatics MBIN-8010: Immunology and Cell Biology (3500)
	Chemistry Paper-IV (CH-424): Group Theory, Spectroscopy and Diffraction Methods (3553)
	Community Education & Development Paper-IV: Human Resource Development and Training
	(2595)
	Comparative Study of Religions Paper-VII: Study of Sikh Religion-II (SSR08) (4069)
	Education Paper-VII MAEDU-II (C02-EDP): Educational Psychology-II (2734)
	English Paper-IV: British Fiction-II (4232) (OLD)
	English Paper-VIII:
	(Opt i): Introduction to literary genras - II (2259)
	(Opt ii): British literature – IV (2260)
	(Opt iii): Academic Writing – II (2261)
	Hindi Paper-III: Adhunik Hindi Gadhya Sahitya (2340)
	M. Com. (M.C201): Business Environment (3813) (Same for USOL Candidates)
	Russian Paper-VIII: Modern Russian Language (Phonetics, Lexicology and Phraseology) (2451)

M.A./M.SC./M.COM./M.P.ED. (Semester System)-2ND SEMESTER (Full Subjects/Reappear)

	.COM./M.P.ED. (Semester System)-2 ND SEMESTER (Full Subjects/Reappear)
<u>JULY - 2021</u>	AIH 015C Paper-XV: Indian Sculpture (2554)
26 th , Monday	Botany Paper-VIII: Angiosperm Morphology, Taxonomy and Phylogeny (3526)
	Defence & Strategic Studies DS-8: Research Methodology (2619)
	English Paper-I: Literary Criticism-II (4229) (OLD)
	Environment Science (ENV-6204) Paper-IV: Environmental Awareness Impact Assessment &
	Auditing (3577)
	Gandhian & Peace Studies Paper-VIII: Conflict and Conflict Resolution (2838)
	History of Art Paper-VIII: Basic Religious Systems and Iconographic Concepts (2923)
	Indian Classical Dance: Paper-II: Practical Composition and Essay (3065)
	Journalism and Mass Communication Paper-II: Print Journalism (2987)
	M.Sc. (IT) MS-67: Artificial Intelligence (3615)
	Master in Social Works CSW-204: Social Work Practice (3120)
	Mathematics (Math-625-S): Number Theory-II (3654)
	Microbial Biotechnology MBT-204: Bioinformatics & Biostatics (3691)
	Music (Instrumental) Paper-II: History of Indian Music (3017)
	Panjabi (Hons) Paper-XX: Pra-lochna ate Panjabi Alochna-II (2402)
	Persian Paper-IV: Modern Poetry (2422)
	Philosophy Paper-204: Logic (Part-II) (3267)
	Police Administration Paper-IV: Sociology and Police Administration (3148)
	Sociology (SOC O 922): Organizational Theory and Behaviour (3359)
	Statistics Stat-204: Complex Analysis (M.6) (3739)
	Women Studies Paper-IV(ii): Women and Environment (3401)
	Zoology Paper-VIII: Biosystematics and Evolution (BAE) (3761)
27 th , Tuesday	Ancient Indian History, Culture & Archaeology Paper-X: History of India from C. 300
21, Tuesuay	• • • • • • • • • • • • • • • • • • • •
	A.D. to 1200 A.D. (Compulsory) (4258) (OLD)
	Biotechnology MBIO-204:Enzymology and Enzyme Technology (3475)
	Disaster Management DM-204: Disaster Risk Reduction and Management Planning (2645)
	Geography GEOG 204:
	Opt.(i): Culture 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)
	Geoinformatics G1: 304: Geoinformatics for Disaster Management (3343)
	History Paper-III & IV:
	Opt. (v) USA (1820-1973) (HIS 812) (2875)
	Opt. (vi) World in the Twentieth Century(HIS 832) (2876)
	M. Com:
	M.C207A: Entrepreneurship Development & Project Management (3819) (Only for USOL
	Candidates)
	M.C207B: Financial Services (3820) (Only for USOL Candidates)
	M. P.Ed. Paper-VIII MPEC-201: Management of Physical Education and Sports (3088)
	OR
	M. P.Ed. Paper-VIII MPEC-202: Adapted Physical Education (3089)
	Physics (PHY-6014): Nuclear Physics-I (4235) (OLD)
	Public Administration Paper-V: Indian Administrative System (4266) (OLD)
	Public Administration Paper-V: Police Administration (3227)
	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)
	Urdu Paper-IV: Print Media and Mass Media (Radio and T.V.) (2511)
28 th , Wednesday	Ancient Indian History, Culture & Archaeology Paper-XIV: Indian Architecture (4259)
20 , weanesauj	(OLD)
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	Bioinformatics MBIN-8011: Metabolic Pathway Analysis (3501)
	Economics (MAECO 202): Contemporary Issues in Indian Economy-II (4228) (Old)
	Education Paper-VIII MAEDU-II (C03-ERS): Educational Research and Statistics-II (2735)
	English Paper-II: British Poetry-II (4230) (OLD)
	Hindi Paper-IV : Pashchatya Kavya Shastra Avem Samkalin Alochna Sidhant (2341)
	Music (Tabla) Paper-II: History and Study of Lakshan Granthas (3049)
	Psychology Paper-IV: Research Methodology & Statistics-II (3297)
	Public Administration Paper-V: Indian Political System (4267) (OLD)
	Public Administration Paper-VI: Project Management (3228)
	Sociology (SOC O 923): Basic Social Statistics (3360)
29 th , Thursday	Microbial Biotechnology MBT-205: Intellectual Property Rights (IPR) & Bioethics &
,	Entrepreneurship (3692)
	Police Administration Paper-V: Police Psychology (3149)
	Public Administration Paper-V: Indian Political and Administrative System (4265) (OLD)
	Sociology SOC R 425: Positivistic Sociological Theories (3352)
	Statistics Stat-205: Measure and Probability Theory (M6) (3740)
	Zoology Paner-X: Immunology (IMII) (3763)
	Zoology Paper-X: Immunology (IMU) (3763)

M.A./M.SC./M.COM./M.P.ED. (Semester System)-2ND SEMESTER (Full Subjects/Reappear)

DEVISE TELL (1 an Subjection for the subjection for	
JULY - 2021	
30 th , Friday	Ancient Indian History, Culture & Archaeology Paper-XV: Sculpture (4260) (OLD)
	Biotechnology MBIO-205:Environmental Biotechnology (3476)
	Botany Paper-X: Plant Pathology (3528)
	Economics (MAECO 204): International Economics (4227) (Old)
	English Paper-III: British Drama-II (4231) (OLD)
	Gandhian & Peace Studies Paper-X: Gandhi and World Peace (2840)
	Physics (PHY-8024): Electronics-II (3712)
	Public Administration Paper-VII: International Administrative (3229)
	Sociology SOC R 426: Methodology of Social Research (3353)
31 st , Saturday	Public Administration Paper-VII: MIS and E-Governance (3230)
	Public Administration Paper-I: Administrative Thought (4264) (OLD)

NOTE:

- 1) The examination will be conducted in an online mode (from own place).
- 2) Candidates are advised to download/note down the correct question paper.

Chandigarh: 160014 Prof. Jagat Bhushan
Dated: 29.06.2021 Controller of Examination