PANJAB UNIVERSITY, CHANDIGARH

DATE-SHEET FOR **M.A./M.SC./M.P.ED./M.COM./M.F.C.** *(SEMESTER SYSTEM)* - **3RD SEMESTER**
EXAMINATION TO BE HELD IN **DECEMBER, 2019**

> **(THEORY EXAMINATION)**
> **Time of Examination:** *9.30 a.m. to 12.30 p.m.*

DATE & DAY	SUBJECT, PAPER & CODE NO.
DECEMBER-2019 **7th, Saturday**	**Biotechnology MBIO-301: Animal Cell Science & Technology (3479)**
	Bioinformatics MBIN-8012: Elements of System Biology (3504)
	Buddhist and Tibetan Studies Paper-IX: Tibetan Language & Culture (2237)
	Chemistry Paper-I: CH-511: Applications of Spectroscopy (3556)
	Defence & Strategic Studies DS 9 : Science, Technology & National Security (2622)
	Economics MAECO-301: Macro Economics-I (2668)
	English Paper I: Literary Theory-I (2263)
	Environment Science Paper-I (ENV-6301): Environmental Technology (3580)
	Gandhian & Peace Studies Paper-XI: Research Methodology (2843)
	Geography Paper-I: Town & Country Planning (2806) (Old)
	Geography GEOG301: Town & Country Planning (2808)
	History Paper-I: Panjab in the Nineteenth Century (HIS 123) (2878) **(Compulsory)**
	Human Rights & Duties Core Paper 9: Science and Technology, Human Rights & Duties (2949)
	Information Technology MS 32: NET Framework and C# (3618)
	Journalism & Mass Communication Paper-I: Advertising (2993)
	Mathematics Math-617S: Field Theory (Compulsory) (3657)
	Microbial Biotechnology MBT-301: Advances in Microbial Biotechnology (Genomics, Proteomics & Metabolomics) (3695)
	M.C.-311(Group-E): Industrial Economics (3836)
	Master in Remote Sensing Paper-IX: Remote Sensing and Geographic Information Systems in Geosciences (3340)
	Persian Paper-I: Classical Prose (2425)
	Philosophy Paper-301: 20th Century Western Philosophy (Philosophy of Language) (3270)
	Public Administration Paper-I: Development Administration (Compulsory for all groups) (4126) (Old)
	Public Administration Paper-I: Research Methods and Statistics (3234)
	Punjabi (Hons) Paper-XXI: Shah Hussain Diragh Adhiyan (2405)
	Psychology Paper-I: Organizational Psychology-I (3300)
	Sociology SOC-O-532: Basic Methods in Population Studies (3365)
	Urdu Paper-I: Classical Poetry (Qasida, Marsia, Masnavi) (2514)
9th, Monday	**Ancient Indian History, Culture and Archaeology Paper-I: Group-A:** Prehistoric Archaeology (2558)
	Botany Paper-XI: Molecular Biology (3531)
	Community Education & Development Paper I: Conflict Resolution (2598)
	Defence & Strategic Studies DS10: Area Study China (2623)
	Education Paper XI (C01-HCE): History and Contemporary Issues of Indian Education-III (2746)
	French FRC-301: French Civilization (2297)
	Hindi Paper-I: Bhasha Vigyan Avem Hinditar Bhashaon Ka Adhiyan (2344)
	History Paper-II: **Opt.(i):** Evolution of Ancient Societies (HIS 431) (2879) **Opt.(ii):** Feudal Society in Western Europe (HIS 421) (2880) **Opt. (iii):** History of Capitalism (HIS 411) (2881) **Opt. (iv):** Rise and Growth of Colonialism in India (HIS 412) (2882)
	M.C.-301: Business Performance Measurement (3826)
	M.P.Ed. Paper-IX MPCC-301: Exercise Physiology (3092)
	Mathematics Math-618S: Topology (Compulsory) (3658)
	Master in Social Work SWP-331: Working with Families (3116) (Old)
	Master in Social Work SWP-301: Gender and Family (3123)
	Philosophy Paper-302: Ethics (Concepts and Theories in Ethics) (3271)
	Physics PHY 7001: Classical Electrodynamics –II (3716)
	Political Science : Course-IX: Indian Political Thought-I (Compulsory) (3176)
	Police Administration Paper-I : Law and Police Administration-I (3152)

	Public Administration Paper-II:
	     Group-A: Social Policy and Welfare Administration (Compulsory) (Same for Group-C) (4127) (Old)
	     Group-B: Economic Administration (Compulsory) (4131) (Old)
	      Group-D: Administrative and Office Management(Compulsory) (4137) (Old)

	Public Administration Paper-II: Local Governance in India (3235)
	Psychology Paper-II: Child Psychopathology-I (3301)
	Sanskrit Paper-IX: Vedik Sahitya Ka Itihas Tatha Arth Shastar (4119) (Old)
	Sanskrit Paper-IX: Itihas Tatha Arth Shastar (2476)
	Sociology SOC-O-632: Social Development in India (3366)
10th, Tuesday	**Biotechnology MBIO-302: Genetic Engineering(3480)**
	Bioinformatics MBIN-8013: Programming Language in Bioinformatics – II (3505)
	Economics MAECO-302: Economics of Growth & Development-I (2669)
	Gandhian & Peace Studies Paper-XII: Conflict Management & Transformation (2844)
	History of Art Paper-IX: History of Indian Architecture and Sculpture from c.a. 700 A.D. to c.a. 1300 A.D. (2926)
	Master in Disaster Management DM9: Legal Aspects of Disaster Management (2652) (Old) **Master in Disaster Management DM301:** Research Methodology & Internship Report (2648)
	M.C.-309(Group-D): Strategic Cost Management (3834)
	Punjabi (Hons) Paper-XXII: Pakistani Punjabi Sahitya (2406)
	Russian Paper-IX: Culture and Civilization of Russia (2454)
	Sociology SOC-O-633: Rural Development in India (3367)
	Statistics Stat-301: Nonparametric Inference (3742)
	Women Studies Paper-I: Women and Law-I (3404)
	Governance & Leadership Paper – I : Ethics in Governance (4106)
	Zoology Paper-XII: Biochemistry (3768) (Old)

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DATE & DAY	SUBJECT, PAPER & CODE NO.
DECEMBER-2019 **11th, Wednesday**	**Buddhist and Tibetan Studies Paper-X:** Tibetan Buddhist Philosophy (2238)
	Chemistry Paper-II: CH-512: Organotransition Metal Chemistry (3557)
	Fine Arts Paper-IX: History of Western Art from Early Times ca 1400 A.D. (2778)
	Indian Classical Dance P-I : Survey of Theoretical Aspects of Indian Dance (3068)
	Journalism & Mass Communication Paper-II : Public Relations (2994)
	Mathematics Math-661S: Probability & Mathematical Statistics –I (3659)
	Microbial Biotechnology MBT-302: Industrial Microbiology-II (Environment, Biofuels, Chemicals Biomass Protocols) (3696)
	M.C.-312(Group-E): Applied Econometrics (3837)
	Master in Remote Sensing Paper-X: Remote Sensing and Geographic Information Systems in Urban and Regional Planning (3341)
	Persian Paper-II: Classical Poetry (2426)
	Philosophy Paper-303: Social and Political Philosophy (Concepts and Theories in Social and Political Philosophy) (3272)
	Psychology Paper-III: Life Span Development Psychology-I (3302)

	Public Administration Paper-III:
	     Group-A: People's Empowerment and Rural Governance (Compulsory) (4128) (Old)
	     Group-B: Company & Cooperative Law (Compulsory) (4132) (Old)
	     Group-C: Labour Economics (Compulsory) (4135) (Old)
	     Group-D: Management of Disciplinary Proceedings (4138) (Old)

	Public Administration Paper-III: Social Systems & Welfare Administration (3236)
	Sociology SOC-O-732: Problems of Urban India (3368)
	Sanskrit Paper-X: Sanskrit Gadhya Tatha Nibandh (4120) (Old)

	Sanskrit Paper-X:
	          Group-I: Upnishad Tatha Bhashya Bhumika (2477)
	          Group-II: Kavya Shastar (2480)
	          Group-III: Sangya Sandhi Istripratatya Avem Karak Vidhi (2483)

	Zoology Paper-XIII: Cell and Molecular Biology (3769) (Old)
12th, Thursday	**English Paper II:** Indian Writing in English (2264)
	Environment Science Paper-II (ENV-6302): Regional and Global Environmental Issues (3578) (Old)
	Environment Science Paper-II (ENV-6302): Major Environmental Issues (3581)
	Geography Paper-II: Research Methodology in Geography (2807) (Old)
	GeographyGEOG302: Research Methodology in Geography (2809)
	History Paper-III & IV: Opt. (i): Cultural History of Ancient India (HIS 432) (2884)
	Human Rights & Duties Core Paper 10: Human Rights & Duties for the Aged and the Differently Abled (2950)
	Indian Theatre Paper-IX: History of Theatre (Theory) (2971)
	Information Technology MS 69: Theory of Computation (3619)
	Information Technology MS 39: Computer Graphics (3620)
	M.C.-302: Tax Planning and Measurement (3827)
	Psychology Paper-IV: Clinical Psychology: Psychodiagnostics (3303)
	Sociology SOC-O-832: Family in Cross Cultural Perspectives (3369)
	Urdu Paper-II: Classical Prose (2515)
13th, Friday	**Ancient Indian History, Culture and Archaeology Paper-I: Group-B:** Paleography & Epigraphy (2560)
	Botany Paper-XII: Plant Physiology (3532)
	Community Education & Development Paper-II: Population and Health Education (2599)
	Defence & Strategic Studies D.S 12: Indian Military History (2624)
	Education Paper XII (C02-CRD): Curriculum Development-III (2747)
	Economics MAECO-303 & 304 Opt.(i): Economics of Agriculture-I (2670)
	French FRP-302: French Poetry (17th & 19th Centuries) (2298)
	Gandhian & Peace Studies Paper-XIII: Legacy of Peace Building: Mohandas Karamchand Gandhi, Martin Luther King (Jr.), Daisaku Ikeda, Abdul Ghaffar Khan (2845)
	Hindi Paper-II: Pracheen Avem Madhya-Kaleen Kavya (2345)
	Mathematics Math-672S: Computational Techniques-I (3660)
	Master in Social Work SWP-332: Ageing and Social Work (3121) (Old)
	Master in Social Work SWP-302: Ageing and Social Work (3124)
	M.C.-307(Group-C): India's Foreign Trade & Investment (3832)
	M.P.Ed. Paper-X MPCC-302: Scientific Principles of Sports Training (3093)
	Physics PHY 7002: Statistical Mechanics (3717)
	Police Administration Paper-II: Police Personnel Administration (3153)
	Psychology Paper-V: Clinical Disorders (3304)

	Public Administration Paper-IV:
	      Group-A: Disaster Management (4129) (Old)
	      Group-B: Human Resource Management (Same for Group-C & D) (4136) (Old)

	Public Administration Paper-IV: Disaster Management (3237)
	Punjabi Paper-IX: Bhasha Vigyan Ate Punjabi Bhasha (2380)

	Political Science Course-X:
	      (i) Comparative Politics-II : Understanding Developing Societies (Compulsory) (3177)
	      (ii) Comparative Political System with Special Reference to USA, UK, China, Japan and Switzerland (Compulsory) (3178)

	Russian Paper-X: Modern Russian Language (Syntax) (2455)
	Sociology SOC-O-932: Organizational Structure and Development (3371)
	Sociology SOC-O-936: Advanced Social Statistics (3374)
14th, Saturday	**Biotechnology MBIO-303: Plant Biotechnology (3481)**
	Bioinformatics MBIN-8014: Structural Biology (3506)
	Buddhist and Tibetan Studies Paper-XI: Ethics (Oriental and Occidental) (2239)
	Chemistry Paper-III: CH-513: Heterocyclic Chemistry (3558)
	History of Art Paper X: History of European Art from the Renaissance to ca. 1700 A.D. (2927)
	History Paper-III & IV: Opt. (ii): Sacred Centres in the Indian Civilization (HIS 604) (2885)
	Journalism & Mass Communication Paper-III: Media & Communication Research Methodology (2995)
	Master in Disaster Management DM10: Preparedness and Mitigation (2653) (Old)
	Master in Disaster Management DM302: Industrial Safety and Risk Management (2649)
	M.C.-303(Group-A): Integrated Marketing Communication and Brand Equity (3828)
	Microbial Biotechnology MBT-303: Bioinstruments and their applications (3697)
	Music (Instrumental) P-I: Scientific Study of Indian Music (3020)
	Music (Vocal) P-I: Scientific Study of Indian Music (3036)
	Philosophy Paper-304: Philosophy of Religion (Part-I) (3273)
	Psychology Paper-VI: Counselling Psychology : Professional Foundation (3305)
	Psychology Paper-VII: Counselling Psychology : Approaches & Appraisals (3306)

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DATE & DAY	SUBJECT, PAPER & CODE NO.
DECEMBER-2019 **14th, Saturday**	**Statistics Stat-302:** Statistical Process and Quality Control (3743)
	Sanskrit Paper-X: Group-IV: Sankhya Tatha Pratyabhigya Darshan (2486)
	Sociology SOC-O-934: Sociology of Crime (3373)
	Women Studies Paper-II: Women and Development (3405)
	Zoology Paper-XI: Developmental Biology-I (3766) (Old)
	Zoology Paper-XI MZO7101: Animal Biochemistry (3767)
	Governance & Leadership Paper – II : Financial Management **(4107)**
16th, Monday	**Economics MAECO-303 & 304 Opt.(ii):** Economics of Industry-I (2671)

	English Paper –III:
	    Opt.(i): Post Colonial Studies-I (ECS-II, PCS-I) (2265)
	    Opt (ii): Linguistics-I (ECS-II, LIN-I) (2266)
	    Opt (iii): American Literature-I (American fiction from 1800 to the Present) (2267)
	    Opt (iv): Indian Literary Criticism and Theory-I (2268)

	Environment Science Paper-III (ENV-6303): Environment and Energy Management (3582)
	Fine Arts Paper-X: History of Western Art from c.a. 1400 A.D. to c.a.1850 A.D. (2779)
	Gandhian & Peace Studies Paper-XIV: Gandhi, Ecology and Sustainable Development (2846)
	Geography Paper-III: Fundamentals of GIS & GPS(Theory) (2817) (Old)
	Geography GEOG303: Fundamentals of GIS & GPS(Theory) (2810)
	History Paper-III & IV: Opt.(iii): Medieval Indian Art and Monuments (HIS 424) (2886)
	Human Rights & Duties Core Paper 11: Research Methods (2951)
	Indian Classical Dance P-II: Practical Composition & Essay (3069)
	Mathematics Math-673S: Differential Geometry-I (3661)
	Master in Remote Sensing Paper-XI: Research Methodology (3342)
	M.C.-308(Group-C): Management of International Business Operations (3833)
	Music (Tabla) P-I : Scientific and Aesthetical Study of Talas (3052)

	Persian Paper-III:
	    Opt. (i): Ethics and Sufism (2427)
	    Opt. (ii): Philology, Rhetoric and Prosody (2428)

	Public Administration Paper-V:
	    Group-D : Administration of Non-Government Organisations (Same for Group-A & C) (4139) (Old)
	    Group-B: Financial Management (4133)(Old)

	Public Administration Paper-V: Management of Disciplinary Proceedings (3238)
	Psychology Paper-VIII: Sports Psychology-I (3307)
	Punjabi Paper-X: Sabhyachar, Lok Dhara Ate Punjabi Sabhyachar (2381)
	Russian Paper-XI: 20th Century Russian Literature (2456)
	Sociology SOC-O-937: Sociology of Education (3375)
	Urdu Paper-III: Principals of Literary Criticism (2516)
	Zoology Paper-XIV: Instrumentation and Methodology (3770) (Old)
17th, Tuesday	**Botany Paper-XIII:** Biotechnology (3533)
	Buddhist and Tibetan Studies Paper-XII: Latermahayana, and Buddhist Esoterism (2240)
	Chemistry Paper-IV: CH-514: Environmental Chemistry (3559)
	Community Education & Development Paper III: Community Counselling (2600)
	Defence & Strategic Studies D.S 13: Indian Ocean & India's Maritime Security (2625)
	Education Paper XIV & XV (E02 GNC): Opt. (b): Guidance & Counselling–III (2749)
	French FRN-303: French Novel (18th & 19th Centuries) (2299)

	Hindi Paper-III :
	    Opt. (i): Tulsi Dass Ke Sahitya Ka Adhiyan (2346)
	    Opt. (ii): Surdass Avem Anya Krishan Bhagat Kavi (2347)
	    Opt.(iii): Hindi Upnayaas (2348)
	    Opt. (iv): Hindi Natak (2349)
	Opt. (v): Hindi Pattarkarita Ka Sawroop Aur Vikas (2350)

	Indian Theatre: Paper-X: Acting (Theory) (2972)
	Journalism & Mass Communication Paper-IV: Interpretative and Investigative Journalism (2996)
	Master in Social Work SWP-431: Community Organization and Development (3122) (Old)
	Master in Social Work SWP-303: Disaster Management & Social Work (3125)
	M.C.-304(Group-A): Marketing Research (3829)

	M.P.Ed. Paper-XI MPCC-303: Theory Games-II
	    Opt (i): Badminton (3094)
	    Opt(ii): Hockey (3095)
	    Opt(iii): Volleyball (3096)

	Philosophy Paper-305: Aesthetics : Indian and Western (Part-I) (3274)
	Physics PHY 7003: Nuclear Physics-II (3718)
	Police Administration Paper-III: Forensic Science and Police Administration (3154)

	Political Science Course-XI:
	    Opt.(a): International Organization (3179)
	    Opt.(b): Transnational Actors in International Politics (3180)
	    Opt.(c): Politics of Development in India (3181)
	    Opt.(d): Peace and Conflict Resolution (3182)
	    Opt.(e): Rethinking Geopolitics : Critical Perspectives (3183)
	    Opt.(f): Theories of Development (3184)
	    Opt.(g): Public International Law-I (3185)

	Psychology Paper-IX: Positive Psychology-I (3308)

	Sanskrit Paper-XI :
	    Group-I: Vaidhik Sahinta (2478)
	    Group-II: Kavya Shastar (4121) (Old)
	    Group-II: Sanskrit Gadhya (2481)
	    Group-III: Vyakaran Prakriya (4122) (Old)
	    Group-III: Subant Prakaran (2484)
	    Group-IV: Sankhya Darshan (4123) (Old)
	    Group-IV: Vedant Darshan (2487)

18th, Wednesday	**Biotechnology MBIO-304: Bio Process Engg. & Technology (3482)**
	Bioinformatics MBIN-8015: Genomics & Proteomics – I **(3507)**
	History of Art Paper-XI: History of European Art from c.a. 1750 A.D. to c.a.1920 A.D. (2928)
	History Paper-III & IV: Opt. (iv) : Gender Relations in Modern India (HIS 601) (2887)
	Mathematics Math-674S: Elasticity-I (3662)
	Master in Disaster Management DM11: Relief, Rehabilitation & Reconstruction (2654) (Old)
	Master in Disaster Management DM303: Urban Disasters & Risk Management (2650)
	M.C.-305(Group-B): Human Resource Development (3830)

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DATE & DAY	SUBJECT, PAPER & CODE NO.
DECEMBER-2019 **18th, Wednesday**	**Microbial Biotechnology MBT-304:** Microbial Identifications Diagnostics & Nanobiotechnology (3698)
	Music (Instrumental): P-II: Study of Ragas and Talas (3021)
	Music (Vocal): P-II: Study of Ragas and Talas (3037)
	Psychology Paper-X: Health Psychology-I (3309)
	Sociology SOC-R-438: Interpretive Sociological Theories (3363)
	Statistics Stat-303: Linear Inference (3744)
	Women Studies Paper-III: Women and Human Rights (3406)
	Governance & Leadership Paper – III : Project Management (4108)
19th, Thursday	**Economics MAECO-303 & 304 Opt.(iii):** Basic Econometrics (2672)
	Gandhian & Peace Studies Paper-XV: Gandhi and Social Problems (2847)
	M.C.-310(Group-D): International Accounting (3835)

	Public Administration Paper-VI:
	     Group-A: Public Health Policy and Administration (4130) (Old)
	     Group-B: Corporate Governance (Same for Group C & D) (4134) (Old)

	Public Administration Paper-VI: Public health policy & Administration (3239)
	Punjabi Paper-XI: **Opt. (i):** Adhunik Panjabi Kavita-I (2382) **Opt. (ii):** Adhunik Panjabi Virtantak Kavita-I (2383)
	Russian Paper-XII: Methodology of Teaching of Russian Language (2457)
	Sociology SOC-R-439: Methods and Techniques in Social Research (3364)
	Zoology Paper-XV: Advances in Entolomology (3771) (Old)

20th, Friday	**English Paper IV:**
	     Opt (i): Cultural Studies-I (2269)
	     Opt (ii): Applied Linguistics-I (2270)
	     Opt (iii): World Poetry/ Novel in Translation (2271)
	     Opt (iv): Shakespeare-I (2272)

	Environment Science Paper-IV (ENV-6304): Industrial and Biomedical Waste Management (3583)

	Geography Paper-IV:
	     Opt.(i): Regional Development and Planning in India (2818) (Old)
	     Opt.(ii): Special Themes in Agricultural Geography (2825) (Old)
	     Opt.(iii): Bio Geography (2826) (Old)
	     Opt.(iv): Social Geography (2827) (Old)
	     Opt.(v): Political Geography of India (2828) (Old)
	     Opt.(vi): Applied Climatology (2834) (Old)

	Geography GEOG304:
	     Opt.(i): Regional Development and Planning in India (2811)
	     Opt.(ii): Special Themes in Agricultural Geography (2812)
	     Opt.(iii): Bio Geography (2813)
	     Opt.(iv): Social Geography (2814)
	     Opt.(v): Political Geography of India (2815)
	     Opt.(vi): Applied Climatology (2816)

	Human Rights & Duties Core Paper 12:
	     Opt.1(a): Labour Welfare, Human Rights and Duties (2952)
	     Opt.1(b): International Humanitarian and Refugee Laws (2953)
	     Opt.1(c): Disadvantaged Sections/Group & Human Rights & Duties (2954)

	History Paper-III & IV: Opt (vii): Constitutional Development in Modern India (1773-1947) (HIS 213) (2890)
	Information Technology MS 14: System Approach to Management and Optimization Techniques (3621)
	Mathematics Math-675S: Special Functions (3663)
	M.C.-314(Group-F): Insurance Management (3839)
	Music (Tabla): P-II: History of Talas and Essay (3053)
	Persian Paper-IV: Essay (2429)
	Psychology Paper-XI: Media Psychology-I (3310)

	Sanskrit Paper-XII :
	     Group –I: Brahman, Shrot Avem Grah Sutra (2479)
	     Group-II: Gadh Avem Natak (4124) (Old)
	     Group-II: Roopak Sahitya (2482)
	     Group-III: Sanskrit Vyakaran Darshan (2485)
	     Group-IV: Vidhant Tatha Mimansa (4125) (Old)
	     Group-IV: Mimansa Darshan (2488)

	Urdu Paper-IV: Comparative Study of Indian Literature (2517)
21st, Saturday	**Ancient Indian History, Culture and Archaeology Paper-II Group-B:** Numismatics (2570) (Old)
	Ancient Indian History, Culture and Archaeology Paper-II Group-B: Indian Numismatics (2561)
	Botany Paper-XIV: Cytogenetics (3534)
	Community Education & Development Paper IV : Education and Life Long Learning (2601)
	Defence & Strategic Studies D.S 14: Major Conflicts during cold war Era (2626)

	Economics MAECO-303 & 304:
	     Opt.(iv) : (a) Economics of Population (2673)
	                        OR
	     Opt.(iv): (b) Economics of Human Resource Development (2674)

	Education Paper XIV & XV:
	     E03 EDT Opt.(c): Educational Technology–III (2750)
	                        OR
	E04 SED Opt. (d): Special Education-III (2751)

	French FRM-304: Methodology of Teaching French as a Foreign Language Part-I (2300)
	Hindi Paper-IV: Media Lekhan Aur Anuvad (2351)
	History Paper-III & IV: Opt.(viii): National Movement in India (1858-1947) (HIS 212) (2891)
	Journalism & Mass Communication Paper-V: Development Communication (2997)
	Mathematics Math-676S: Fluid Mechanics-I (3664)
	Master in Social Work SWP-432: Indian Rural Communities & Change (3128) (Old)
	Master in Social Work SWP-304: Human Resource Management & Labour Welfare (3126)
	M.C.-306(Group-B): Industrial Relations (3831)
	M.P.Ed. Paper-XII MPEC-301: Sports Psychology (3097) OR **M.P.Ed. Paper-XII MPEC-302:** Sports Sociology (3098)
	Police Administration Paper-IV: Terrorism (3155)
	Philosophy Paper-306: Philosophy of History and Culture (Philosophy of History) (3275)
	Physics PHY 7004: Condensed Matter Physics-I (3719)

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DATE & DAY	SUBJECT, PAPER & CODE NO.
DECEMBER-2019 **21st, Saturday**	**Political Science Course-XII:** 　　**Opt.(a):** Democracy in India (3186) 　　**Opt.(b):** Government and Politics of India's Neighbours (Pakistan, Bangladesh, Nepal and Sri Lanka) (3187) 　　**Opt.(c):** Women and Politics in India (3188) 　　**Opt.(d):** Rights: Ideas and Movements (3189) 　　**Opt.(e):** Nationalism Theories & Context (3190) 　　**Opt.(f):** New Political Geography in Comparative Perspective (3191) 　　**Opt.(g):** Policies and Politics of Development in India (3192) 　　**Opt.(h):** Public Administration (3193)
	Public Administration Paper-VI: Group-A: Comparative Public Administration (4140) (Old) (Common for all groups) **Public Administration Paper-VII: Corporate Governance (3240)**
	Punjabi Paper-XII: 　　**Opt.(i):** Panjabi Natak Ate Rang Manch Da Adhiyan-I (2384) 　　**Opt.(ii):** Punjabi Vich Anuvadat Vishav Natak-I (2385)
	Sociology: SOC-O-931: Sociology of Aging (3370)
23rd, Monday	**Biotechnology MBIO-305: Advances in Genomics & Proteomics (3483)**
	Bioinformatics MBIN-8016: Applications of Computational Biology (3508)
	History of Art Paper-XII: Art of South East Asia (2929)
	Governance & Leadership: **Paper – IV : Opt(a) Compaigning Management (4109)** 　　　　　　**Opt(b) Conflict Resolution (4110)**
	Master in Social Work SWP-532 : Health & Development (3130) (Old)
	Master in Disaster Management DM304: Geo Informatics for Disaster Management (2651)
	Microbial Biotechnology MBT-305: Tutorials (3699)
	M.C.-313(Group-F): Bank Management (3838)
	Psychology Paper-XII: Behavioral Economics (3311)
	Sociology:SOC-O-933: Sociology of Deviance: Concept and Theories (3372)
	Women Studies Paper-IV (Opt. ii): Women and Entrepreneurship (3408)
24th, Tuesday	**Botany Paper-XV:** Ecology and Environment (3535)
	Economics MAECO-303 & 304 Opt.(v): History of Economic Thought (2675)
	History Paper-III & IV: Opt. (x): Contemporary India (1947-1992) (HIS 263) (2893)
	M.C.-315A Paper-VII (Group-F): Financial Markets and Instruments (3840) *(For USOL Students Only)*
	Master in Social Work SWP-531: Social Demography (3129) (Old)
	Master in Social Work SWP-305: Statistics in Social Work (3127)
	Mathematics Math-678S: Linear Programming (3665)
	Philosophy Paper-307: Philosophy of Science (3276)
	Psychology Paper-XIII: Research Methodology and Statistics-I (Compulsory) (3312)
	Public Administration Paper-VIII: Advanced Research Methods (3241)

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 h**i**s/ her Roll No. on the OMR title cover from Left to Right.

Chandigarh: 160014　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　**Prof. Parvinder Singh**
Dated: 04.11.2019　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　**Controller of Examinations**

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