

PANJAB UNIVERSITY

Date-sheet for M.A./M.Sc./M.P.Ed. (Annual System) Part-II Supplementary Examination to be held in
October, 2011.

(THEORY EXAMINATION)

Time of Examination: 9.15 a.m. to 12.15 p.m.

(The candidates must be on their seats at 9.00 a.m. sharp as per date-sheet below. The answer-books with Optical Mark Reader (OMR) front covers will be distributed at 9.00 a.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 9.15 a.m. sharp and the examination will continue till 12.15 p.m.).

Date & Day	Subject, paper & Code No.
OCTOBER, 2011 8 th , Saturday	1. English Paper-I: Contemporary Critical Theory (Compulsory) (1414) 2. Punjabi Paper-I: Bhasha Vigyan Ate Punjabi Bhasha (1438) 3. Persian Paper-I: Classical Prose (1446) 4. Russian Paper-V: Culture & Civilization of Russia (1454) 5. Sanskrit Paper-I: Itihas and Dharamshastra(1458) 6. Urdu Paper-I: Classical Poetry, (Qasida, Marsia Aur Masnavi)(1474) 7. Defence & Strategic Studies DS-5: Defence Economics(1480) 8. Economics Paper-I: Macro Economics Theory(1486) 9. Gandhian and Peace Studies Paper-I: Economic Thought of Mahatma Gandhi(1507) 10. Geography Paper-I: Geography of India.(1512) 11. History of Art Paper-I: History of Indian Architecture &Sculpture from C.A. 600 A.D. to C.A. 1700 A.D. (1522) 12. History Paper-I: The Punjab 1799 to 1966 (1526) 13. Public Administration Paper-I: Development Administration (Compulsory).(1567) 14. Political Science Paper-I: Indian Political Thought(Compulsory)(1588) 15. Sociology-SOC-R-201: Theoretical Perspectives in Sociology(1609) 16. M.P.Ed. Paper-I: Sports Psychology(1613) 17. Mathematics (Math-617): Field Theory and Linear Algebra (Compulsory) (1621) 18. Chemistry Paper-IX: CH-501: (a):Applications of Spectroscopy, (b):Photochemistry, (c):Solid State Chemistry(1706) 19. Physics PHY 7001:Classical Electrodynamics (1713) 20. Zoology Paper-VI: MZL-7001: Animal Physiology and Endocrinology (1721)
10 th , Monday	1. English Paper-II: Indian Writing in English (Compulsory)(1415) 2. Punjabi Paper-II: Punjabi Sabhyachar, Lok Dhara Ate Lok Sahit(1439) 3. Persian Paper-II: Classical Poetry (1447) 4. Russian Paper-VI: Modern Russian Language(Syntax) (1455) 5. Sanskrit Paper-II: Gandhyam Nibandhsyah(1459) 6. Urdu Paper-II: Prose.(1475) 7. Defence & Strategic Studies DS-6: Science, Technology and National Security(1481) 8. Economics Paper-II: Economics of Growth, Development and Planning(1487) 9. Gandhian and Peace Studies Paper-III: Conflict Resolution with special reference to India(1508) 10. Geography Paper-II: Town and Country Planning(1513) 11. History of Art Paper-II: History of European Art from the Renaissance to C.A. 1850 A.D.(1523) 12. Philosophy 201: Twentieth Century Western Philosophy(1546) 13. Public Administration Paper-II: Group-A: People's Empowerment and Local Governance(Compulsory)(1568) Group-B: Economic Administration and Public Sector Management (Compulsory) (1577) Group-C: Social Welfare Administration(Compulsory)(1582) Group-D: Administrative and Office Management (Compulsory) (1586) 14. Political Science Paper-II: Opt. (i): Comparative Politics(1589) Opt. (ii): Comparative Political Systems(U.S.A., U.K., China, Japan and Switzerland)(1590) 15. Sociology-SOC-R-202: Social Development(1610) 16. M.P.Ed. Paper-II: Exercise Physiology and Sports Medicine(1614) 17. Mathematics (Math 618) Topology and Functional Analysis (Compulsory)(1622) 18. Chemistry Paper-X: CH-502: Biophysical Chemistry (1707) 19. Physics PHY 7002:Statistical Mechanics (1714) 20. Zoology Paper-VII: MZL-7002: Immunology and Parasitological (1722)

Date & Day	Subject, paper & Code No.	
OCTOBER,2011 12 th , Wednesday	1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21.	English Paper-III: Opt. (i): European Classics in Translation(1416) Opt. (ii): American Literature.(1417) Opt. (iii): New Literatures (1418) French Paper-I: Poetry(1422) Hindi Paper-I: Bhasha Vigyan Avem Hindi Bhasha (1430) Punjabi Paper-III: Opt. (i): Adhunik Punjabi Kavita(1440) Opt. (ii): Adhunik Punjabi Kavita De Deeragh Rupan Da Vishesh Adhian(1441) Persian Paper-III: Opt. (i) Ethics and Sufism (1448) Opt (ii) Philology Rhetoric and Prosody (1449) Opt (iii) Literary Criticism (1450) Opt (iv) (a) Elementary Arabic (1451) (b) Elementary Sanskrit (1452) Russian Paper-VII: 20th Century Russian Literature(1456) Sanskrit Paper-III: Group-A: Vedic Samhitas(1460) Group-B: Kavya Shastaram (1462) Group-C: Vyakaran Parkriya (1464) Group-D: Samkhya Yoga Darshanam(1466) Group-E: Pali Bhasa (1468) Urdu Paper-III: Principles of Literary Criticism(1476) Economics Paper-III & IV: Opt. (i): Econometrics(1488) Geography Paper-III: Regional Planning(1514) History Paper-II: Opt. (i): History of India 1947-1992 (1527) Opt. (ii): History of Gender Relations in Modern India(1528) Opt. (iii): National Movement in India 1858-1947 (1529) Philosophy-202: Ethics (1547) Psychology Paper-I: Organisational Psychology(1552) Public Administration Paper-III: Group-A: Health & Educational Administration (1569) Group-B: Company and Co-Operative Laws (1578) Group-C: Labour Laws and Administration (1583) Group-D: Techniques of Administrative Improvement & Project Management (1587) Political Science Paper-III & IV: Opt. (i): Group-I: Local Self Govt. in India-Rural & Urban(1591) Group-II: Ancient Indian Political Thought and Institutions(1598) Group-III: International Organization(1604) Sociology SOC-O-203: Urban Sociology(1611) M.P.Ed. Paper-III: Professional Preparation and Curriculum Designing(1615) Mathematics (Math 661): Probability and Mathematical Statistics(1623) Chemistry Paper-XI: CH-503:Environmental Chemistry (1708) Physics PHY 7003: Electronics-II (1715) Zoology Paper-VIII: MZL-7003:Ecology, Environmental Biology and Wildlife (1723)
13 th , Thursday	1. 2. 3. 4. 5.	English Paper-IV: Opt. (i): Linguistics(1419) Opt(ii): Shakespeare.(1420) Opt. (iii): Twentieth Century British Fiction.(1421) French Paper-II: Novel.(1423) Hindi Paper-II: Pracheen Avem Madhya-Kaleen Kavya.(1431) Punjabi Paper-IV: Opt. (i): Punjabi Natak Ate Rang Manch.(1442) Opt. (ii): Vishav Da Anuvadad Natak.(1443) Sanskrit Paper-IV: Group-A: Brahmanas and Vedangas Sahitya(1461) Group-B: Gadhya, Padhya, Natakanam Vashishatadhyanam (1463) Group-C: Sanskrit Vyakarna Darshanam (1465) Group-D: Nyaya Vaisesika Vedanta Darshana(1467) Group-E: Prakarta and Abhilekha Shastram(1469)

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Date & Day	Subject, paper & Code No.
OCTOBER, 2011 13 th , Thursday	6. Urdu Paper-IV: Opt. (i): Essay Aur Lisaniyat.(1477) 7. Defence and Strategic Studies DS-7 : International Law(1482) 8. Economics Paper-III & IV: Opt. (ii): Mathematical Economics (1489) 9. Philosophy 203: Social & Political Philosophy(1548) 10. Public Administration Paper –IV: Group-A: Public Policy and Analysis (Same for Group-D, Paper-IV)(1570) Group-B: Financial Management & Accounting (1579) Group-C: Industrial Psychology (1584) 11. Political Science Paper-III & IV: Opt. (ii): Group-I: Public Administration (1592) Group-II: Socialist Thought and Movement (1599) Group-III: Public International Law (1605) 12. Sociology:SOC-O-204: Sociology of Family & Gender.(1612) 13. M.P.Ed. Paper-IV: Science of Coaching & Sports Training.(1616) 14. Mathematics (Math 675): Special Function and Integral Transforms.(1627) 15. Chemistry Paper-XII: CH-504: Organotransition Metal Chemistry(1709) 16. Physics PHY 7004: Condensed Matter Physics-II (1716) 17. Zoology Paper-IX: MZL-7004: Applied Zoology :Entomology and Fish & Fisheries) (1724)
14 th , Friday	1. French Paper-III: History of French Literature from 1789 to 1968 with Special Emphasis on 20 th Century.(1424) 2. Hindi Paper-III: Opt.(i) Tulsi Dass Ke Sahitya Ka Adhiyayan (1432) Opt.(ii): Surdas Avem Anyakrishan Bhagat Kavi(1433) Opt.(iii): Hindi Upnias (1434) Opt.(iv): Hindi Natak(1435) Opt.(v): Hindi Paterkarita (1436) 3. Defence & Strategic Studies DS-8: Indian Military History(1483) 4. Economics Paper-III & IV: Opt. (iii): International Economics (1490) 5. Fine Arts Paper-I: History of Western Art upto C.A. 1850 A.D.(1505) 6. Geography Paper-IV: Quantitative Methods (Theory)(1515) 7. History of Art Paper-III: History of European and Indian Art from C.A. 1850 A.D. to C.A. 1950 A.D.(1524) 8. History Paper-III: Opt. (i): Economic History of India upto 1200 A.D. (1530) Opt. (ii): Economic History of India C-1200 to 1750 A.D.(1531) Opt. (iii): Economic History of India C-1750 to 1947 A.D.(1532) Opt. (iv): Urbanization & Urban Life in India.(1533) 9. Philosophy 204: Philosophy of Religion(1549) 10. Public Administration Paper-V: Group-A: Administrative Law (Same for Group-D) (1571) Group-B: Marketing & Materials Management (1580) Group-C: Labour Economics (1585) 11. Political Science Paper-III & IV Opt. (iii): Group-I: State Govt. and Politics in India(1593) Group-II: (a)Contemporary Political Thinkers (1600) (b)Comparative Marxism and Revolutionary Theory (1601) Group-III: (a) Foreign Policy of India (1606) (b)Foreign Policies of India, U.S.A., China, & Japan.(1607) 12. M.P.Ed. Paper-V: (b) Yoga.(1617) (C): Sports Journalism.(1618) (d): Adapted Physical Education.(1619) (e): Sports Sociology.(1620) 13. Mathematics (Math-676): Fluid Mechanics (1628) 14. Chemistry Paper-XIII: CH-505: Organic Synthesis-I (1710) 15. Physics PHY-7005: Nuclear Physics-II(1717) 16. Zoology Paper-X: MZL-7005: Biochemistry, Methodology and Instrumentation (1725)

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Date & Day	Subject, Paper & Code No.
OCTOBER, 2011 15 th , Saturday	<ol style="list-style-type: none"> 1. French Paper-IV: Methodology of Teaching French.(1425) 2. Hindi Paper-IV: Bhartiya Sahitya,Media Lekhan Avem Anuvad (1437) 3. Dance Paper-I: Survey of the Theoretical Aspects of Indian Dance(1478) 4. Defence & Strategic Studies DS-9: Regional Security and Cooperation in South Asia. (1484) 5. Economics Paper-III & IV: Opt. (iv): Economics of Public Finance (1491) 6. Philosophy 205: Aesthetics: Indian & Western(1550) 7. Indian Theatre Paper-II: Acting Theory.(1538) 8. Music (Instrumental) Paper-I: Scientific and Aesthetic Study of Indian Music.(1540) 9. Music (Vocal) Paper-I: Scientific and Aesthetic Study of Indian Music.(1542) 10. Music (Tabla) Paper-I: Scientific and Aesthetic Study of Talas with reference to Gayan Vadan & Nritaya.(1544) 11. Public Administration: Paper-VI: Group-A: Selected Aspects of Public Administration.(1572) Group-B: Human Resources Management & Industrial Relations.(Same for Group-C & D)(1581) 12. Political Science Paper-III & IV Opt. (iv) Group-I: Research Methodology (1594)(Same for all Groups) 13. Mathematics (Math 678): Linear and Non-linear Programming.(1629) 14. Chemistry Paper-XIV: CH-506: Heterocyclic Chemistry (1711) 15. Physics PHY 7006: Particle Physics-II(1718)
17 th , Monday	<ol style="list-style-type: none"> 1. Persian Paper-IV: Opt.(i) Essay (1453) 2. Russian Paper-VIII: Methodology of Teaching of Russian Language(1457) 3. Defence & Strategic Studies DS-10: Major Conflicts in Post World War-II Era.(1485) 4. Economics Paper-III & IV: Opt. (v)(a)Economics of Money & Banking.(1492) (b)Economics of Financial Markets and Institutions(1493) Opt. (vi): Political Economy (1494) Opt. (vii): Computer Applications in Economics and Statistical Analysis.(1495) Opt. (viii)(a): Economics of Agriculture (Common with M.A. Part-I, Paper-IV, Opt. (i) (1271) Opt.(ix): Economics of Environment(1496) 5. Gandhian and Peace Studies Paper-IV: Opt. (i): Gandhi and Panchayati Raj in India (1509) Opt. (ii):Study of Texts (1510) Opt.(iii): Political and Social Concepts (1511) 6. Geography Paper-VI: Opt. (i) Marketing Geography(1516) Opt. (ii): Social Geography(1517) Opt. (iii): Population and Development Planning(1518) Opt. (iv): Agricultural Geography(1519) Opt. (v): Bio-Geography(1520) Opt.(vi): Geography of SAARC Countries(excluding India)(1521) 7. History of Art Paper-IV: Comparative Approaches to Art.(1525) 8. History Paper-IV: Opt. (i): Social & Cultural History of India upto 1200 A.D.(1534) Opt. (ii): Social & Cultural History of India C-1200 - 1750 A.D.(1535) Opt. (iii): Social & Cultural History of India C-1750 - 1947 A.D.(1536) Opt. (iv): Sacred Centres in the Indian Civilization.(1537) 9. Public Administration Paper-VII: Research Methods.(Same for all Groups)(1573) 10. Political Science Paper-III & IV Opt (v): Group-I: Political Sociology (Same for Group-II: Opt (iv)(1595) Group-II: Political Philosophy(1602) Group-III: Govt. & Politics of India's Neighbours, Pakistan, Bangladesh, Nepal, Srilanka & Bhutan (1608) 11. Mathematics(Math 672): Computational Techniques(1624)

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Date & Day		Subject, Paper & Code No.
OCTOBER, 2011 18 th , Tuesday	1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13.	Economics Paper-III & IV: Opt. (viii)(b): Economics of Industry(Common with M.A. Part-I, Paper-IV, Opt. (ii) (1272) Dance Paper-II: Practical Composition and Essay(1479) Fine Arts Paper-II: History of Modern Movement in Art in Europe, U.S.A and India (1506) Indian Theatre Paper-III: Theatre History and Dramatic Literature.(1539) Music (Instrumental) Paper-II: Essay & Critical Study of Ragas.(1541) Music (Vocal) Paper-II: Essay & Critical Study of Ragas.(1543) Music (Tabla) Paper-II: Essay, Critical Study of Talas and Notation.(1545) Philosophy 206: Philosophy of History & Culture(1551) Public Administration Paper-VIII: Computer Application and Information Technology (Same for all Groups)(1574) Political Science Paper-III & IV Group-I:Opt. (vi): Nation Building & Political Development (with special reference to India) (1596) Opt. (vii): Political Parties in India (1597) Group-II: Opt.(vi): Gandhi and Sarvodhya Movement(1603) Mathematics (Math 673) Tensors and Differential Geometry.(1625) Chemistry Paper-XV:CH-507: Chemistry of Natural Products (1712) Physics PHY 7071: Experimental Techniques in Condensed Matter Nuclear & Particle Physics (1719) <p style="text-align: center;">OR</p> Physics PHY 7072: Fibre Optics and Non-Linear Optics and Microprocessor and Computer Architecture.(1720)

NOTE:

1. The date, time and place for practical examinations, will be notified later on. The candidates must contact the Superintendents of their examination centres before the termination of their examination in theory papers in order to know the exact date, time and place of practical examination.
2. **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**
3. The Practical examination in the subject of Music (Instrumental, Vocal, Tabla & Dance) will be held before Theory Examinations.
4. For other subjects, the candidates must contact the Superintendent of their Examination Centre before the termination of their theory paper in order to know the exact date, time and place of practical examinations.
5. The candidates are advised to copy the subject code from the question paper to fill in the OMR Sheet.
6. Candidate should write his/ her Roll No. on the OMR title cover from Left to Right

CHANDIGARH – 160014
Dated: 13.09.2011

PROF. A. K. BHANDARI
CONTROLLER OF EXAMINATIONS

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