

PANJAB UNIVERSITY, CHANDIGARH

Date-sheet for **B.A./B.Sc.(General) 3RD YEAR** (*Only for Compartment Candidates*)
Examinations (**Syllabus: 2015-2016**) to be held in **MAY, 2017**

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

(For Environment & Road safety Education and Violence Against Women & Children: 2:00p.m.-3:30p.m.)

DATE & DAY	SUBJECT/PAPER & CODE NO.
MAY, 2017 3 rd , Wednesday	A COMPULSORY SUBJECTS: Punjabi (Compulsory) Paper-A (1661) (<i>For B.A. and Shastri Part-III</i>)
	B ELECTIVE SUBJECTS:
	1) English Paper-A (1666)
	2) French (Paper-A: Introduction to Drama, Poetry & Prose) (1668)
	3) German Paper-A (1670)
	4) Hindi Paper-I (1672) (<i>Same for Shastri Part-III</i>)
	5) Punjabi Paper-A (1678)
	6) Persian (Paper-A: Prose) (1680)
	7) Russian Paper-A(i)General Group(1682), B(ii) Scientific & Tech. Translation (1683)
	8) Sanskrit (Paper-A: Up-Nishad, Ramayan, Shabadwali) (1685)
	9) Urdu Paper-A (1691)
	10) Adult Education (Theory) (1693)
	11) Ancient Indian History, Culture & Archaeology (Paper-A: Excavations Monuments & Sculpture in Stone and Bronze) (1694)
	12) Defence & Strategic Studies (Paper-A: National Security: Conceptual Aspects) (1696)
	13) Economics (Paper-A: Economics of Development) (1698)
	14) Education (Paper-A: Indian Education) (1700)
	15) Fine Arts (Paper-A: Theory-History of Art) (1702)
	16) Gandhian Studies (Paper-A: Economic Thought of Mahatma Gandhi) (1703)
	17) Geography (Paper-A: World Regional Geography-I) (1705)
	18) History of Art [Paper-A: History of Indian Painting(from CA 1800 to the present times) & Sculptures (from CA 600 to 1300 A.D.)] (1708)
	19) History (Paper-A:World History 1500-1870 A.D.) (1710) (<i>Same for Shastri Part-III</i>)
	20) Home Science (Paper-A: Foods and Nutrition)(Theory) (1712)
	21) Indian Classical Dance (Theory) (1714)
	22) Journalism & Mass Communication (Paper-A: Media Management: Ethics & Laws) (1715)
	23) Music (Instrumental)-A (1717)
	24) Music (Vocal)-A (1718)
	25) Music (Tabla)-A (1719)
	26) Philosophy (Paper-I: Indian Epistemology and Metaphysics)(1720)
	27) Police Administration [Paper-A: Organizational Behaviour (with special reference to Police Administration)] (1722)
	28) Political Science [Paper-A: Comparative Political Systems (UK & USA)] (1724)
	29) Public Administration [Paper-A: Local Government(with special reference to Punjab)] (1726)
	30) Physical Education Paper-A (1728)
	31) Psychology (Paper-A: Abnormal Psychology) (1730)
	32) Sociology (Paper-A: Security in India) (1732)
	33) Computer Science (Paper-A: Business Data Processing and Data Base Management System) (1739)
	34) Statistics 301: Demography and Economic Statistics (1741)
	35) Applied Statistics (Paper-A: Estimation & Testing of Hypothesis) (1743)
36) Advertising, Sales Promotion & Sales Management (Paper-I: Management of Sales Force) (1766)	
37) Computer Applications (Paper-A: Programming with VB and Oracle) (1772)	

B.A./B.Sc.(General)-3rd Year **Compartment Examinations MAY, 2017**

DATE & DAY	SUBJECT/PAPER & CODE NO.
MAY, 2017 3 rd , Wednesday	B ELECTIVE SUBJECTS:
	38) Foreign Trade Practice & Procedures (Paper-A: Shipping and Insurance Practice & Procedure) (1775)
	39) Mass Communication Video Production (Paper-I: Entrepreneurship Marketing and Media Appreciation) (1781)
	40) Office Management & Secretarial Practice (Paper-A: Organizational Behaviour & Personality Development) (1783)
	41) Functional Hindi (Paper-A: Broadcasting and Radio/Television, Typing, Telex and Computer Program in Hindi) (1787)
	42) Tax Procedure & Practice (Paper-I: Custom Law, Procedure and Practice) (1789)
	43) Principles & Practice of Insurance (Paper-I: Property and Liability Insurance) (1799)
	44) Functional English (Paper-A: Print Journalism) (1803)
	45) Early Childhood Care & Education (Paper-A: Organization and Management of Early Childhood Care & Education) (1807)
	46) Fashion Designing (Paper-A: Fashion Designing and Merchandizing) (1808)
	47) Information Technology (Paper-A: Programming in Visual Basics & Oracle) (1810)
	48) Agro Service (Paper-A: Agricultural Machineries and Power Sources) (1814)
	49) Women Studies (Paper-A: National and International Initiatives for Women) (1816)
	50) Human Rights & Duties (Paper-A: International Human Rights Responses to Selected Problems) (1818)
	C SCIENCE SUBJECTS:
	1) Mathematics (Paper-I: Analysis) (1734)
	2) Physics (Paper-A: Condensed Matter Physics) (1745)
	3) Chemistry (Paper-IX: Inorganic Chemistry) (1748) (<i>Same for B.Sc. Microbial & Food Technology</i>)
	4) Botany (Paper-A: Plant Physiology, Bio-Chemistry & Bio-Technology) (1751)
	5) Zoology (Paper-A: Developmental Biology & Genetics) (ZOO-301) (1753)
	6) Electronics (Paper-A: Data Acquisition System) (1757)
	7) Bio-Chemistry (Paper-A: Molecular Biology) (1759)
	8) Microbiology (MIC-301: Pathogenic Microbiology) (1761)
	9) Bio-technology (Paper-A: Plant & Animal Bio-Technology) (1768)
	10) Clinical Nutrition & Dietetics (Paper-VII: Food Services, Equipment Layout and Community Nutrition) (1770)
	11) Electronic Equipment Maintenance (Paper-V: Electronics Equipment and Applications) (1774)
	12) Industrial Fish & Fisheries (Paper-V: Aquaria) (1777)
	13) Instrumentation (Paper-I: Transducer and Signal Conditioning Instrumentation System) (1779)
14) Seed Technology (Paper-I: Seed Pathology & Entomology) (1785)	
15) Industrial Chemistry Paper-A (1791)	
16) Industrial Microbiology (Paper-I: Biofertilizer, Biodegradation of Wastes and Pollutants) (1801)	
17) Food Science & Quality Control (Paper-A: Food Analysis & Quality Control) (1805)	
18) Bioinformatics (Paper-A: Introduction to Genomics and Proteomics) (1812)	
19) Environment Conservation (Paper-A: Bio-Diversity and Conservation) (1820)	
20) Agriculture (Paper-A: Theory) (1822)	
4 th , Thursday	A COMPULSORY SUBJECTS
	1) Punjabi (Compulsory) Paper-B (1662) (<i>For B.A. and Shastri Part-III</i>)
	2) History & Culture of Punjab (1849 - 1966) (1663) (<i>For B.A. only</i>)
	B ELECTIVE SUBJECTS:
	1) English Paper-B (1667)
	2) French (Paper-B: Applied Grammar and Creative Writing) (1669)
	3) German Paper-B (I: Theory and Practice of Translation) (1671)
	4) Hindi Paper-II (1673)
	5) Punjabi Paper-B (1679)
	6) Persian (Paper-B: Poetry) (1681)
7) Russian Paper-C (1684)	
8) Sanskrit (Paper-B: Vyakaran, Sahitya Avem Anuvad) (1686)	

DATE & DAY	SUBJECT/PAPER & CODE NO.
MAY, 2017 4 th , Thursday	B ELECTIVE SUBJECTS:
	9) Urdu Paper-B (1692)
	10) Ancient Indian History, Culture & Archaeology (Paper-B: Epigraphy and Numismatics) (1695)
	11) Defence & Strategic Studies (Paper-B: National Security of India) (1697)
	12) Economics (Paper-B: Quantitative Methods) (1699)
	13) Education (Paper-B: Modern Indian Education) (1701)
	14) Gandhian Studies (Paper-B: Gandhian and his Contemporaries) (1704)
	15) Geography (Paper-B: World Regional Geography-II) (1706)
	16) History of Art [Paper-B: History of European Painting and Sculpture(from CA 1850 A.D. onwards) and Theory & Principles of Art Appreciations] (1709)
	17) History (Paper-B: World History 1871 – 1956 A.D.) (1711)
	18) Home Science (Paper-B: Child Development) (1713)
	19) Journalism & Mass Communication (Paper-B: Advertising & Public Relations) (1716)
	20) Philosophy (Paper-II: Western Epistemology and Metaphysics) (1721)
	21) Police Administration (Paper-B: Law and Police Administration) (1723)
	22) Political Science (Paper-B: International Politics Theory & Practice) (1725)
	23) Public Administration [Paper-B: Development Administration (with special reference to Punjab)] (1727)
	24) Physical Education Paper-B (1729)
	25) Psychology (Paper-B: Behavioral Disorders) (1731)
	26) Sociology (Paper-B: Social Disorganization and Emerging Problems) (1733)
	27) Computer Science (Paper-B: Web Programming) (1740)
	28) Statistics (302-B: Statistical Quality Control and Computational Techniques) (1742)
	29) Applied Statistics (Paper-B: Economics & Industrial Statistics) (1744)
	30) Advertising, Sales Promotion & Sales Management (Paper-II: Sales Promotion & Public Relations) (1767)
	31) Computer Applications (Paper-B: Operating System) (1773)
	32) Foreign Trade Practice & Procedures (Paper-B: Foreign Trade Documentation & Procedure) (1776)
	33) Mass Communication Video Production (Paper-II: Video Electronics & Film Production) (1782)
	34) Office Management & Secretarial Practice (Paper-B: Computer Application & Shorthand) (1784)
	35) Functional Hindi (Paper-B: On the Job Training) (1788)
	36) Tax Procedure & Practice (Paper-II: Central Excise Procedure and Practice) (1790)
	37) Principles & Practice of Insurance (Paper-II: Group Insurance and Retirement Benefit Schemes) (1800)
	38) Functional English (Paper-B: Office Communication for Business) (1804)
	39) Fashion Designing (Paper-B: Apparel Industry and Entrepreneurship Development) (1809)
	40) Information Technology (Paper-B: Linux Operating System) (1811)
	41) Agro Service (Paper-B: Agro Services and Agro Processing Projects and Credit Planning) (1815)
	42) Women Studies (Paper-B: Women Development and Empowerment in India) (1817)
	43) Human Rights & Duties (Paper-B: Specific Human Rights Problems and Responses in India) (1819)
	C SCIENCE SUBJECTS:
	1) Mathematics (Paper-II: Abstract Algebra) (1735)
	2) Physics (Paper-B: Electronics & Solid State Devices) (1746)
	3) Chemistry (Paper-X: Organic Chemistry) (1749) (<i>Same for B.Sc. Microbial & Food Technology</i>)
	4) Botany (Paper-B: Ecology & Utilization of Plants) (1752)
	5) Zoology Paper-B (Applied Zoology): Opt. (i) Medical Zoology and Medical Laboratory Technology (1754) (ZOO-302), Opt. (ii) Economic Entomology & Pest Management (1755) (ZOO-303), Opt. (iii) Aquaculture (1756) (ZOO-304)
	6) Electronics (Paper-B: Micro-Controllers and Applications) (1758)

B.A./B.Sc.(General)-3rd Year **Compartment** Examinations MAY, 2017

DATE & DAY	SUBJECT/PAPER & CODE NO.			
MAY, 2017 4 th , Thursday	C	SCIENCE SUBJECTS:		
		7) Bio-Chemistry (Paper-B: Applied Bio-Chemistry) (1760)		
		8) Microbiology (MIC-302: Food & Industrial Microbiology) (1762)		
		9) Bio-technology (Paper-B: Environmental & Fermentation Bio-Technology) (1769)		
		10) Clinical Nutrition & Dietetics (Paper-VIII: Advance Dietetics and Clinical Nutrition) (1771)		
		11) Industrial Fish & Fisheries (Paper-VI: Post Harvest Technology Fishery Economics & Fisheries Extension) (1778)		
		12) Instrumentation (Paper-II: Entrepreneurship) (1780)		
		13) Seed Technology (Paper-II: Seed Processing Storage & Seed Farm Management) (1786)		
		14) Industrial Chemistry Paper-B: Opt. (i) Pharmaceuticals (1792), (ii) Heavy and Fine Chemicals (1793), Opt. (iii) Petro-Chemicals (1794), (iv) Waste Recycling (1795), Opt. (v) Agro-Chemicals (1796), (vi) Dyes (1797) (vii) Polymers (1798)		
		15) Industrial Microbiology (Paper-II: Biostatistics, Tools and Techniques and Immuno Biotechnology, Tissue Culture and Govt. Regulations) (1802)		
		16) Food Science & Quality Control (Paper-B: General & Food Microbiology) (1806)		
		17) Bioinformatics (Paper-B: Introduction to Genetic Engineering and Immuno-Technology) (1813)		
		18) Environment Conservation (Paper-B: Public Awareness and Environment Issues) (1821)		
		19) Agriculture (Paper-B: Theory) (1823)		
		5 th , Friday	1)	English (Compulsory) (1660) (<i>For B.A. and Shastri Part-III</i>)
			2)	Geography (Paper-C: Map Projection and Field Report) (1707) (<i>For USOL Candidates</i>)
			3)	Mathematics Paper-III: Opt (i) Discrete Mathematics (1736), (ii) Probability Theory (1737), (iii) Numerical Techniques (1738)
			4)	Physics (Paper-C: Nuclear & Particle Physics) (1747)
			5)	Chemistry (Paper-XI: Physical Chemistry) (1750) (<i>Same for B.Sc. Microbial & Food Technology</i>)
5 th , Friday	Environment & Road Safety Education and Violence Against Women & Children (0104) (<i>Common to All Semester & Annual System</i>)	(<i>Time of Examination: 2:00p.m. to 3:30p.m.</i>)		

NOTES:

- 1) IT MAY BE CAREFULLY NOTED THAT DURATION OF EXAMINATION IN THE SUBJECT OF ENVIRONMENT & ROAD SAFETY EDUCATION AND VIOLENCE AGAINST WOMEN & CHILDREN IS ONE AND HALF HOUR I.E. FROM 2.00 P.M. TO 3.30 P.M. (EVENING SESSION). THE OBJECTIVE TYPE QUESTION PAPER IS TO BE ATTEMPTED ON COMPUTER DESIGNED OMR SHEET. CANDIDATES ARE ADVISED TO BRING WITH THEM FINE QUALITY BLACK HB PENCILS, ERASERS AND BALL PEN FOR ATTEMPTING THIS PAPER.
- 2) CANDIDATES CAN USE COLOURED PENCILS FOR DIAGRAMS IN SCIENCE SUBJECTS.
- 3) CANDIDATES OFFERING GEOGRAPHY ARE PERMITTED TO USE STENCILS OR OUTLINE MAPS. THESE WILL BE OF A MATERIAL ON WHICH NOTHING CAN BE WRITTEN SUCH AS CELLULOID, THIN TIN, TRANSPARENT OR OPAQUE SHEETS OF PLASTICINE ETC. STENCILS CUT IN ANY TYPE OF PAPER OR CARDBOARD WILL, ON NO ACCOUNT BE PERMITTED.
- 4) THE STUDENTS OF B.A./B. SC (PART-III) CAN USE ONLY NON-PROGRAMMABLE SCIENTIFIC CALCULATOR IN MATHEMATICS PAPER-C: OPT. (III) NUMERICAL TECHNUQUES.
- 5) THE **PRACTICAL EXAMINATIONS** WILL BE CONDUCTED FROM **24.04.2017 TO 01.05.2017** (EXCEPT HOLIDAYS) ALONGWITH SEMESTER PRACTICAL EXAMINATION.
- 6) 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.

Chandigarh: 160014
Dated: 07.04.2017

Prof. Parvinder Singh
Controller of Examinations