

**PANJAB UNIVERSITY, CHANDIGARH****(THEORY EXAMINATIONS)**

**Exam code:**  
**General: 0005**  
**Hons.: 0009**  
**TIME OF EXAMINATION:**  
**9.30 a.m. to 12.30 p.m.**

Date- Sheet for the **B.A./B.Sc. (General & Hons.) 5<sup>th</sup> Semester**  
**(Full Subject/Reappear/Deficient/Additional Subjects/Improvement of performance)**  
 Examination to be held in November/December - 2023

<b>DATE &amp; DAY</b>	<b>SUBJECT/PAPER/CODE NO</b>
<b>NOVEMBER – 2023</b> 29 <sup>th</sup> , Wednesday	Physics (Paper-A: Condensed Matter Physics-I) (0448) Botany (Theory Paper-A: Plant Physiology-I) (0454)
30 <sup>th</sup> , Thursday	Economics (Economics of Development) (0427) Defence & Strategic Studies (Paper: National Security: Conceptional aspects ) (0424) Fine Arts (Paper-A: (History of Art) (0421) Education (Paper : Indian Education) (0415) Adult Education (0416) History of Art: History of Indian Painting (From C.A.1800 to the present times) and Sculpture (from C.A. 600 to 1300 A.D) (0422)
<b>DECEMBER - 2023</b> 1 <sup>st</sup> , Friday	Bio-Chemistry (Paper-A: Molecular Biology-I) (0461) Microbiology (MIC-501: Pathogenic Microbiology-I) (0463) Bio-Technology (Paper: Plant and Animal Biotechnology)(BIOT-Elect-sem-V-T (0474) Bio-Informatics [Paper-IX BNE-5001) (Introduction to Genomics) (0475)
2 <sup>nd</sup> , Saturday	<b><u>ELECTIVE SUBJECTS:</u></b> English (0404) French (Introduction to French Drama, Prose and Grammar) (0410) German [Paper-A: Theory] (0411) Hindi (0405) Punjabi (0407) Persian [Paper-A: Prose] (0409) Russian- (Paper-Opt. (i): General Translation & Grammar)(0412) (Paper-Opt. (ii): Scientific and Technical Translation and Grammar) (0413) Urdu [Theory Paper-A](0408)
4 <sup>th</sup> , Monday	Mathematics (Paper-I: Analysis-I) (0443) Zoology (Paper-I: Developmental Biology) (ZOO-501) (0456) Retail Marketing (0487)
5 <sup>th</sup> , Tuesday	Political Science (Comparative Political Systems UK & USA) (0426) Statistics (Paper-301: Demography and Economic Statistics) (0446) Applied Statistics (Paper-301AS: Estimation & Testing of Hypothesis) (0447) Indian Classical Dance Paper-A (Theory) (0420) Human Rights & Duties (Paper: Human Rights responses to select problems international and national perspective) (0438)
6 <sup>th</sup> , Wednesday	Chemistry (Paper-XVII: Inorganic Chemistry-A) (0451) ( <i>Same for B.Sc. Microbial &amp; Food Tech.</i> )
8 <sup>th</sup> , Friday	Computer Science Paper CS-09: Project Management (0483) Computer Science (Paper-A05: Business Data Processing and Data Base Management Software) (0439) ( <i>Old</i> ) Agriculture (Paper-V: Agro-diversity and Physiology) (0442) Sociology (Society in India) (0428)
9 <sup>th</sup> , Saturday	Biochemistry (Paper-B: Applied Bio-chemistry-I) (0462) Microbiology (MIC-502: Food and Industrial Microbiology-I) (0464) Industrial Microbiology IMB-502: Bio Fertilizers (0479) Bio-Informatics [ Paper-X BNE-5002) (Genetic Engineering) (0476)  <b><u>ELECTIVE VOCATIONAL COURSES</u></b> <b>Computer Applications Paper-A: Programming with VB.NET &amp; ORACLE (0473) (Old)</b> <b>Computer Application CA-09: Programing with VB.Net (0485)</b> <b>Fashion Designing Paper-A: Fashion Designing and merchandising (theory) (0477)</b> <b>Industrial Microbiology Paper - IMB-501: Biodegradation of wastes and pollutants (0478)</b> <b>Information Technology Paper-A: Database System &amp; VB.NET (0480)</b> <b>Industrial Chemistry Paper-A (0481)</b>
11 <sup>th</sup> , Monday	English (Compulsory) (0401) ( <i>For B.A. &amp; Shastri 5<sup>th</sup> Semester only</i> )
13 <sup>th</sup> , Wednesday	Music Instrumental (Paper-A: Theory) (0418) Women's Studies (Paper: National and International Initiatives for Women) (0437) Tabla (Instrumental ) (Paper-A: Theory) (0419) Environment Conservation (Paper: Biodiversity and Conservation) (0440) Comparative Study of Religion (Paper-V: Religious reform movement in Modern India) (0482)
14 <sup>th</sup> , Thursday	Physics (Paper-B: Electronics and Solid State Devices-I) (0449) Zoology (Applied Zoology) Paper-II: (i): Medical Zoology & Medical Laboratory Technology-I (ZOO-502A) (0457) (ii): Economic Entomology and Pest Management-I (ZOO-502B) (0459) (iii): Inland Fisheries & Aquaculture - I (ZOO-502C) (0460)
15 <sup>th</sup> , Friday	Punjabi (Compulsory) (0402) ( <i>Same for B.A. &amp; Shastri – 5<sup>th</sup> Semester only</i> ) History & Culture of Punjab (Paper: History & Culture of Punjab: Colonial Period) (0403) ( <i>for B.A. Candidates only</i> )

**B.A./B.Sc. (General & Hons.) 5<sup>th</sup> Semester (Full Subject/Reappear/Deficient/Additional Subjects/Improvement of Performance)**

DATE & DAY	SUBJECT/PAPER/CODE NO
<b>DECEMBER - 2023</b> 16 <sup>th</sup> , Saturday	Mathematics (Paper-II: Modern Algebra) (0444) History (Paper: History of Punjab, 1849-1966) (0489) (OLD) History (Paper: World History 1500 – 1870 A.D.) (0425)
19 <sup>th</sup> , Tuesday	Sanskrit (Upanishad, Ramayan, Shabhalavi avem Vyakaran) (0406) Physical Education (0414) Ancient Indian History, Culture & Archaeology (Paper-V: Excavations, monuments and sculptures in Stone and bronze) (0423) Psychology (Paper: Clinical Psychology) (0431) Geography (Paper-IX: World Regional Geography-I) (0432)
20 <sup>th</sup> , Wednesday	Chemistry (Paper-XVIII: Organic Chemistry-A) (0452) ( <i>Same for B.Sc. Microbial &amp; Food Tech.</i> )
21 <sup>st</sup> , Thursday	Music Vocal (Paper-A: Theory) (0417) Police Administration (Organizational behavior with special reference to Police Administration) (0436) Journalism and Mass Communication (Media Management, Ethics and Laws) (0435)  <b>HONOURS SUBJECT:</b> <b>Punjabi Paper-V: Bhartiya Kavi Shastar (0706) (OLD)</b> <b>Punjabi (Paper – III: Kavi Shastar Yunani Kavi Shastar, Bharati Kavi Shastar te Sahit de Sanklap) (0740)</b> <b>German Paper-I (Theory) (0709)</b> <b>Ancient Indian History, Culture &amp; Archaeology Paper-V: Archaeology (0726)</b> <b>Economics Paper-I: Money and Banking (0717)</b> <b>Music (Indian Classical Dance) Paper – A (Theory) (0739)</b> <b>History Paper-I: History of China (0712)</b>
22 <sup>nd</sup> , Friday	Physics (Paper-C: Nuclear and Particle Physics-I) (0450) Botany (Paper-B: Plant Ecology) (0455) <b>HONOURS SUBJECT:</b> Economics Paper-II: International Economics (0718)
26 <sup>th</sup> , Tuesday	Public Administration (Paper: Local Government –with special reference to Punjab) (0429) Home Science (Food Nutrition and Child Development) (Theory) (0441) Gandhian Studies (Economic Thought of Mahatma Gandhi) (0434) Philosophy (Paper: Indian Epistemology and Metaphysics) (0430)
27 <sup>th</sup> , Wednesday	Mathematics (Paper-III: Probability Theory) (0445)
29 <sup>th</sup> , Friday	Geography (Paper-X: Map Projections) (0433) ( <i>Only for USOL Candidates</i> ) <b>ELECTIVE VOCATIONAL COURSES</b> Advertising, Sales Promotion & Sales Management-Paper V: Management of the Sales Force] (0465) Computer Application CA-10: Database Management Using Oracle (0486) Functional English: Print Journalism (0470) Foreign Trade Practice & Procedure: Paper-V: Shipping and Insurance Practices and Procedures (0466) Office Management & Secretarial Practice Paper-A: Organizational Behaviour and Personality Development (0467) Functional Hindi (0471) Tax Procedure & Practice Paper-V: Custom Law Procedure and Practice (0469) Principles & Practice of Insurance Paper-V: Insurance finance & Legislation (0468) Early Childhood Care and Education Paper-A: Organization & Management of early childhood care and education (0472) <b>HONOURS SUBJECT:</b> <b>Physics Paper-V: Physics of Semi Conductors (0731)</b> <b>Chemistry Paper-V: Inorganic Chemistry - A (0733)</b> <b>Botany Paper-A: Biology of Cryptogames &amp; Seed Plants (0735)</b> <b>Zoology Paper-I: Re-productive Biology &amp; Human Welfare – I (0737)</b>
<b>JANUARY - 2024</b> 1 <sup>st</sup> , Monday	Computer Science Paper –[CS-10: Relational Database Management System] (0484) Introduction to Computer Science [(Additional Optional subject) Paper – IIIA Database Management System] (0488)  <b>HONOURS SUBJECT:</b> <b>English Paper-I: 20<sup>th</sup> Century Literature (0701)</b> <b>French (French Literature): Introduction to history of French Literature 17<sup>th</sup> – 18<sup>th</sup> Century (0704)</b> <b>German Paper-II: Essay and translation (theory) (0710)</b> <b>Hindi Paper-III(A) (0705)</b> <b>Punjabi Paper-VI: Punjabi Alochna te Kavi Shastar (0707) (OLD)</b> <b>Sanskrit Paper-III (0702)</b> <b>Urdu Paper-I: Novelette (0708)</b> <b>Ancient Indian History Culture &amp; Archaeology Paper-VI: Spread of Indian Culture in central Asia, China &amp; Tibet (0727)</b> <b>Defence &amp; Strategic Studies Paper: Area Studies China - I (0711)</b> <b>Economics Paper-III: Introduction to Econometrics (0719)</b> <b>Geography Paper-III: Applied Geography (0724)</b>

**B.A./B.Sc. (General & Hons.) 5<sup>th</sup> Semester (Full Subject/Reappear/Deficient/Additional Subjects/Improvement of Performance)**

DATE & DAY	SUBJECT/PAPER/CODE NO
<b>JANUARY - 2024</b> 1 <sup>st</sup> , Monday	<b><u>HONOURS SUBJECT:</u></b> <b>Home Science (0730)</b> <b>History Paper-II: History of Russia (0713)</b> <b>Music (Vocal &amp; Instrumental) (Theory) (0729)</b> <b>Persian Paper-III: History of Persian literature safavid period (0703)</b> <b>Political Science Paper-I</b> <b>Opt.(i): International Relations since 1945 (0714),</b> <b>Opt.(ii): Modern Indian Political Thought (0715),</b> <b>Opt.(iii): Women and Political Process (0716)</b> <b>Philosophy Paper-A: Opt. (i)Philosophy of Science (0721), Opt. (ii) Social and Political</b> <b>Philosophy(0722),</b> <b>Psychology [ Psychological Testing] (0723)</b> <b>Public Administration Paper-III: Research methods &amp; Statistics (0725)</b> <b>Sociology [Methods and Techniques of Social Research] (0720)</b> <b><u>HONOURS SUBJECT:</u></b> <b>Physics Paper-VI; Computational Physics (0732)</b> <b>Chemistry Paper-VI; Physical Chemistry-A (0734)</b> <b>Botany Paper-B: [Genetics and Plant Breeding, Biochemistry, Molecular Biology and</b> <b>Biotechnology] (0736)</b> <b>Zoology Paper-II: Aquatic Biology-I (0738)</b> <b>Police Administration [Police Procedure and Investigation-I] (0728)</b>
2 <sup>nd</sup> , Tuesday	Chemistry (Paper-XIX: Physical Chemistry-A) (0453) (Same for B.Sc. Microbial & Food Tech.)

**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 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) 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](mailto:datesheet@pu.ac.in) BY CLEARLY MENTIONING IN WHICH PAPER HE/SHE HAS TO APPEAR/LEFT ON THE SCHEDULED DATE. FOR DETAILED INFORMATION PLEASE CONTACT 0172-2534810/2541303.
- 5) APPLICATION FOR THE CLASH CASES (IF ANY) WILL BE ENTERTAINED ONLY UPTO 10 DAYS FROM THE DATE OF EXAMINATION.

**Chandigarh: 160014**  
**Dated: 08.11.2023**

**Prof. Jagat Bhushan**  
**Controller of Examinations**

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