**MAY19-UG-002**

**PANJAB UNIVERSITY, CHANDIGARH**

**Date-Sheet for the B.A./B.Sc. (General) (Exam Code: 0004) & B.A./B.Sc. (Honours) (Exam Code: 0008) 4TH SEMESTER (Full Subjects/Reappear/Improvement of Performance/Deficient/Additional)**

Examination to be held in May, 2019

**THEORY EXAMINATIONS**

**TIME OF EXAMINATIONS:** 2:00 p.m. to 5:00 p.m.

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### DATE & DAY

<table>
<thead>
<tr>
<th>Date</th>
<th>Subject/Paper/Code No</th>
</tr>
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<tbody>
<tr>
<td>MAY-2019</td>
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<tr>
<td>2nd, Thursday</td>
<td>Environment &amp; Road safety Education and Violence Against Women &amp; Children (0393) (for B.A./B.Sc.-4th semester/B.Com/BBA/BCA all semesters) (Time of Examination: 2:00 p.m. to 3:30 p.m.)</td>
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<tr>
<td>3rd, Friday</td>
<td>Chemistry (Paper-XIII: Inorganic Chemistry-B) (0350) (Same for B.Sc. Microbial &amp; Food Tech, 4th Semester) English (Compulsory) (0301) (For B.A. only and Shastri, 4th Semester)</td>
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<tr>
<td>4th, Saturday</td>
<td>History &amp; Culture of Punjab (History &amp; Culture of Punjab 18th &amp; Early 19th Centuries) (0304) (For B.A. only) Punjabi (Compulsory) (0305) (Same for B.A. only &amp; Shastri, 4th Semester)</td>
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<tr>
<td>13th, Monday</td>
<td>Geography (Paper-VIII: Cartography-IV) (0323) (Only for USOL Candidates)</td>
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### ELECTIVE VOCATIONAL SUBJECTS:

- Advertising, Sales Promotion & Sales Management (Paper-IV: Personal Selling & Salesmanship) (0357)
- Computer Applications (CA07: Data Structure) (0389)
- Early Childhood Care and Education (Activities for Young Children) (0367)
- Electronic Equipment Maintenance (Paper-IV: Microprocessor Based Instrumentation & Control) (0366)
- Fashion Designing (Paper: History of Indian & World Costume) (0372)
- Food Science and Quality Control (Paper-B: Processing of Foods Animal Origin) (0371)
- Foreign Trade Practice & Procedure (Paper-IV: Foreign Trade Financing & Procedure) (0385)
- Functional English (Paper: T.V. Journalism) (0369)
- Functional Hindi (0370)
- Industrial Chemistry (Paper-B: Pollution) (0375)
- Industrial Fish & Fisheries (Paper-IV: Fish Genetics, Fish & Shell Fish Diseases) (0374)
- Industrial Microbiology (IMB-401: Food Microbiology) (0378)
- Information Technology (Paper-B: Data Networks and Web Based Application) (0378)
- Mass Communication & Video Production (0383)
- Office Management & Secretarial Practice (Paper-B: Computer Application & Shorthand) (0382)
- Practice of Insurance (Paper-IV: Finance Insurance & Legislation) (0381)
- Seed Technology (Paper-II: Seed Testing & Seed Quality Control) (0387)
- Tax Procedure & Practice (Paper-IV: Wealth Tax and Central Sales Tax) (0384)

### 14th, Tuesday

- Chemistry (Paper-XIV: Organic Chemistry-B) (0351) (Same for B.Sc. Microbial & Food Tech., 4th Semester) Gandhian Studies (Political Thought of Mahatma Gandhi) (0321)
- Home Science (Paper: Clothing & Textile) Theory (0326)
- Philosophy (Paper: Western Ethics) (0333)
- Public Administration (Paper: Financial Administration with Special Reference to India) (0336)

### 15th, Wednesday

- Adult Education (0314)
- Defence & Strategic Studies (Paper-B: Evolution of Warfare) (0318)
- Economics (Paper: Quantitative Methods) (0319)
- Education (Paper-IV: Psychological Foundations of Education) (0320)
- Fine Arts (Paper-A: Theory) (0317)
- History of Art: [History of European Painting and Sculpture (from 1300A.D. to c.a. 1850A.D.)] and Theory & Principles of Art Appreciation (0325)

### 18th, Thursday

- Botany (Paper-B: Structure, Development & Reproduction in Flowering Plants-II) (0354)
- Physics (Paper-B: Optics & Lasers-II) (0348)

### 17th, Friday

- ELECTIVE SUBJECTS:
  - English (0305)
  - French (Creative writing and expression, grammar in context) (0306)
  - German-B (Theory) (0307)
  - Hindi (0368)
  - Persian (Paper-B: Poetry) (0310)
  - Punjabi (0309)
  - Russian (Paper-B) (0311)
  - Urdu (Paper: Novel-Ek Chaadar Maili Si) (0313)

### 20th, Monday

- Mathematics (Paper-II: Differential Equation-II) (0342)

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P.T.O.
DATE & DAY  SUBJECT/PAPER/CODE NO

MAY-2019

21st, Tuesday  Journalism and Mass Communication (Paper: Radio & T.V. Journalism) (0328)
Music Vocal (Paper-A: Theory) (0330)
Police Administration (Paper: Law and Order Administration) (0335)

22nd, Wednesday  Chemistry (Paper-XV: Physical Chemistry-B) (0352) *(Same for B.Sc. Microbial & Food Tech., 4th Semester)*
Applied Statistics (Paper-B: Statistical Methods) (0346)
Political Science (Paper: Indian Politics) (0334)
Statistics (Paper-203: Sample Surveys, Design and Analysis of Experiments) (0345)

23rd, Saturday  Music (Tabla) (Paper-A: Theory) (0332)
Mathematics (Paper-III: Dynamics) (0343)
Zoology (Paper-II: Biochemistry & Animal Physiology-II) (ZOO-402) (0356)

27th, Monday  Honours Subject:
Ancient Indian History Culture & Archaeology (Paper-III: Political Ideas & Institution from the Earliest Times to 1000A.D.) (0663)
Botany (Paper-A: Plant Ecology) (0695)
Chemistry (Paper-III: Organic Chemistry-B) (0693)
Defence & Strategic Studies (Paper: Area Studies Pakistan-II) (0665)
Economics (Paper-I: Industrial Economics) (0660)
English (Paper: 18th & 19th Century Literature) (0652)
French (Paper: Prose & Applied Grammar) (0653)

Geography:
- Paper: Opt.(i) Population Geography (An Elementary Course) (0669),
- Paper: Opt.(ii) Urban Geography (An Elementary Course) (0670)

Hindi (0656)

History:
- Paper-II: Social and Cultural Trends in Medieval India (0672)
- Paper-III: Social and Cultural Trends in Modern India (0673)
- Home Science (Paper: A Design in Textile & Clothing) (0671)
- Indian Classical Dance: Paper-A: (Theory) (0700)
- Music: Vocal & Instrumental/Paper-A (Theory) (0674)
- Persian (Paper-II: History of Persian Literature) (0659)
- Philosophy (Paper: Study of a Special Philosopher)

Opt.(i): Plato (0677)
Opt.(ii): Aristotle (0678)
Opt.iii: Immanuel Kant (0679)
Optiv: Upnishads (0680)
Optv: Saree being an nothingness (0681)
Optvi: Nagajuna (0682)
Optvii: Samkara (0683)
Optvii: Pattanjali (0684)

Physics (Paper-III: Statistics and Numerical Techniques) (0691)

Public Administration:
- Paper-II: Opt.(i) Agricultural Administration in India (0688)
- Paper-II: Opt.(ii) Industrial Administration in India (0687)
- Paper-II: Opt.(iii) Police Administration (0688)
- Paper-II: Opt.(iv) Public Policy & Analysis (0689)

Punjabi (Paper-III: Punjabi Sambhidana Da Sahit) (0657)
Sanskrit (Paper-II: Opt.(i) : Bhas) (0660)
Sociology (Paper: Social Psychology) (0690)
Urdu (Paper-II: Essay) (Literary) (0662)

Zoology (Paper-I: Environmental Biology-II) (0697)

28th, Tuesday  Honours Subject:
Physics (Paper-C: Quantum Physics-II) (0349)

Honours Subject: Economics (Paper-II: Economics of Public Enterprises) (0667)

29th, Wednesday  Computer Science CS 08: Data Structure (0392)

Computer Application CA08: Java Programming (0390)

Computer Science A 04: Computer Organization & Architecture (0344) (Old – 2016-17)

Computer Application: Paper-B: Programming in C++ (0363) (Old – 2016-17)

30th, Thursday  Biochemistry (Paper-B: Membrane Bio-Chemistry) (0360)

Human Rights & Duties (Paper: Human Rights issues in India) (0327)

Indian Classical Dance (Paper-A: Theory) (0329)

Industrial Microbiology (IMB-402: Microbial Technology) (0377)

Microbiology (MIC-402: Introductory Immunology-II) (0380)

31st, Friday  Honours Subject:
Ancient Indian History, Culture & Archaeology (Paper-IV: History of Art & Architecture) (Earliest time to C-1000 A.D.) (0664)

Botany (Paper-B: Development of Plants and Their Utilization) (0696)

Chemistry (Paper-IV: Analytical Chemistry-B) (0694)

Economics (Paper-III: Theory of Statistics) (0668)

Physics (Paper-IV: Mathematical Physics) (0692)

Punjabi (Paper-IV: Bharti Savendna Ate Sahit) (0658)

Sanskrit (Paper-II: Opt(i) : Bhas) (0660)

Urdu (Paper-II: Essay) (Literary) (0662)

Microbiology (MIC-402: Introductory Immunology-II) (0380)

Dated: 28.03.2019

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