## PANJAB UNIVERSITY, CHANDIGARH

Date- Sheet for the **B.A./B.Sc.** (General) (Exam Code: 0004) & **B.A./B.Sc.** (Honours) (Exam Code: 0008) 4<sup>TH</sup> SEMESTER (Regular/Reappear) Examination to be held in May/June, 2018

## (THEORY EXAMINATIONS) TIME OF EXAMINATIONS: 2.00 p.m. to 5.00 p.m.

DATE & DAY	SUBJECT/PAPER/CODE NO
MAY, 2018	
9 <sup>th</sup> , Wednesday  10 <sup>th</sup> , Thursday	Environment & Road safety Education and Violence Against Women & Children (0104-A) (for B.A./B.Sc-4 <sup>th</sup> semester/B.Com/BBA/BCA all semesters) (Time of Examination: 2:00 p.m. to 3:30 p.m.)
	Chemistry (Paper-XIII: Inorganic Chemistry-B) (0350) (Same for B.Sc. Microbial & Food Tech, 4 <sup>th</sup> Semester)
	English (Compulsory) (0301) (For B.A. only and Shastri, 4 <sup>th</sup> Semester)
	History & Culture of Punjab (History & Culture of Punjab 18 <sup>th</sup> & Early 19 <sup>th</sup> Centuries) (0304) (For B.A. only)
	Punjabi (Compulsory) (0303) (Same for B.A. only & Shastri, 4th Semester)
11 <sup>th</sup> , Friday	Botany (Paper-A: Diversity of Seed Plants & Their Systematics-II) (0353) Physics (Paper-A: Statistical Physics and Thermodynamics-II) (0347)
12 <sup>th</sup> , Saturday	Environment Conservation (Paper: Solid Waste and Disaster Management) (0368)
	Music Instrumental (Paper-A: Theory) (0331)
	Religion & Sikh Studies: Paper-IV: Sikh Literature & Institution (0388)
1.4th 3.6	Women's Studies (Paper: Status of Women in India-II) (0340)
14 <sup>th</sup> , Monday	Ancient Indian History, Culture & Archaeology (Paper-IV: History and Culture of India From 650 A.D1200 A.D.) (0315) Biochemistry (Paper-A: Advanced Bio-Chemical Techniques) (0359)
	Bio-Informatics (BNE-4001) (Paper-VII: Structure Analysis) (0361)
	Bio-Technology (Paper: Fundamentals of Molecular Biology & Genetics) (0358)
	Electronics (Paper-B: Microprocessor Based Systems) (0364)
	Geography (Paper-VII: Geography of Punjab) (0322) Microbiology (MIC-401: Introduction to Medical Microbiology-II) (0379)
	Physical Education (Paper: Physical Education) (0338)
	Psychology (Paper: Experimental Psychology) (0337)
4h	Sanskrit (Paper- Natak Avem Vyakaran) (0312)
15 <sup>th</sup> , Tuesday	Agriculture (Paper-IV: Cultivation Practice of Vegetables, Timber & Basic Statistical Methods) (0316) Sociology (Paper: Social Institutions) (0339)
	Computer Science CS 07: Database Concepts (0391)
16 <sup>th</sup> , Wednesday	History (Paper: History of the Punjab 1469-1849 A.D.) (0324)
, , , realizating	Mathematics (Paper-I: Advanced Calculus-II ) (0341)
	Zoology (Paper-I: Biodiversity (Chordates) & Evolution-II) (ZOO-401) (0355)
17 <sup>th</sup> , Thursday	Geography (Paper-VIII: Cartography-IV) (0323) (Only for USOL Candidates)
	ELECTIVE VOCATIONAL SUBJECTS:  Advertising, Solve Promotion & Solve Management (Paper IV) Page and Solling & Solve Promotion (0257)
	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 Fish & Fisheries (Paper-IV: Fish Genetics, Fish & Shell Fish Diseases) (03/4)  Industrial Microbiology (IMB-401: Food Microbiology) (0376)
	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)
	Principles & Practice of Insurance (Paper-IV: Insurance Finance & Legislation) (0381) Seed Technology (Paper-II: Seed Testing & Seed Quality Control) (0387)
	Tax Procedure & Practice (Paper-IV: Wealth Tax and Central Sales Tax) (0384)
18 <sup>th</sup> , Friday	Chemistry (Paper-XIV: Organic Chemistry-B) (0351) (Same for B.Sc. Microbial & Food Tech., 4 <sup>th</sup> 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)
19 <sup>th</sup> , Saturday	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) English (Compulsory) (0302) (For B.Sc. Only)(Same for B. Sc. Microbial & Food Tech and Fashion Designing, 4 <sup>th</sup> Semester)
	Fine Arts (Paper-A: Theory) (History of Art) (0317)
	History of Art: [History of European Painting and Sculpture (from 1300A.D. to c.a. 1850A.D.) and Theory & Principles of
21st M = 1	Art Appreciation] (0325)
21st, Monday	Botany (Paper-B: Structure, Development & Reproduction in Flowering Plants-II) (0354) Physics (Paper-B: Optics & Lasers-II) (0348)
22 <sup>nd</sup> , Tuesday	ELECTIVE SUBJECTS:
	English (0305)
	French (Creative writing and expression, grammar in context) (0306)
	German-B (Theory) (0307)
	Hindi (0308) Persian (Paper-B: Poetry) (0310)
	Punjabi (0309)
	Russian (Paper-B) (0311)
22rd W/- 1 1	Urdu (Paper: Novel-Ek Chaadar Maili Si) (0313)  Mathematica (Paper II) Differential Equation II) (0242)
23 <sup>rd</sup> , Wednesday 24 <sup>th</sup> , Thursday	Mathematics (Paper-II: Differential Equation-II) (0342) Police Administration (Paper: Law and Order Administration) (0335)
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B.A./B.Sc. (General/Honours)-4<sup>TH</sup> SEMESTER (Regular/Reappear) (May-2018)

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DATE & DAY	SUBJECT/PAPER/CODE NO
MAY-2018	
25 <sup>th</sup> , Friday	Chemistry (Paper-XV: Physical Chemistry-B) (0352) (Same for B.Sc. Microbial & Food Tech., 4 <sup>th</sup> Semester) Journalism and Mass Communication (Paper: Radio & T.V. Journalism) (0328)
26 <sup>th</sup> , Saturday	Music Vocal (Paper-A: Theory) (0330)  Applied Statistics (Paper-B: Statistical Methods) (0346)
20 , Saturday	Political Science (Paper: Indian Politics) (0334)
	Statistics (Paper-203: Sample Surveys, Design and Analysis of Experiments) (0345)
28 <sup>th</sup> , Monday	Music (Tabla) (Paper-A: Theory) (0332)
20 , Wonday	Mathematics (Paper-III: Dynamics) (0343)
	Zoology (Paper-II: Biochemistry & Animal Physiology-II) (ZOO-402) (0356)
29 <sup>th</sup> , Tuesday	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 & Strategie Studies (Paper, Area Studies Pakistan II) (0665)
	Defence & Strategic Studies (Paper: Area Studies Pakistan-II) (0665) Economics (Paper-I: Industrial Economics) (0666)
	English (Paper: 18 <sup>th</sup> & 19 <sup>th</sup> Century Literature) (0652)
	French (Paper: Applied Grammar & Prose) (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)
	Music (Vocal & Instrumental)Paper-A (Theory) (0674)
	Philosophy (Paper: Study of a Special Philosopher)
	Opt(i): Plato (0677)
	Opt(ii): Aristotle (0678)
	Opt(iii): Immanuel Kant (0679) Opt(iv): Upnishads (0680)
	Opt(v): Sartre(being an nothingness) (0681)
	Opt(vi): Nagarjuna (0682)
	Opt(vii): Samkara (0683)
	Opt(viii): Patanjali (0684)
	Physics (Paper-III: Statistics and Numerical Techniques) (0691)
	Police Administration (Paper: Correctional Administration) (0699)
	Political Science: Opt.(i) Western Political Thought (0675)
	Opt.(ii) Comparative Politics (0676)
	Psychology (Paper: Recent Perspectives of Psychology) (0685)
	Public Administration:
	Paper-II: Opt.(i) Agricultural Administration in India (0687)
	Paper-II: Opt.(ii) Industrial Administration in India (0688)
	Paper-II: Opt.(iii) Police Administration (0689)
	Paper-II: Opt.(iv) Public Policy & Analysis (0686)
	Punjabi (Paper-III: Punjabi Sambedna 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)
30 <sup>th</sup> , Wednesday	Physics (Paper-C: Quantum Physics-II) (0349)
	Honours Subject: Economics (Paper-III: Theory of Statistics) (0668)
31st, Thursday	Computer Science CS 08: Data Structure (0392)
	Computer Application CA08: Java Programming (0390)
<u>JUNE-2018</u>	
1 <sup>st</sup> , Friday	Biochemistry (Paper-B: Membrane Bio-Chemistry) (0360)
	Bio-Informatics (4002) (Paper-VIII: Fundamentals of Molecular Biology - II) (0362)
	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)
2 <sup>nd</sup> , Saturday	HONOURS SUBJECT:
2 , Saturday	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-II) (0696)
	Chemistry (Paper-IV: Analytical Chemistry-B) (0694)
	Economics (Paper-II: Economics of Public Enterprises) (0667)
	Physics (Paper-IV: Mathematical Physics) (0692)
	Punjabi (Paper-IV: Bharti Savendna Ate Sahit) (0658)
	Sanskrit (Paper-II (Opt(ii): Kalidas) (0661) Zoology (Paper-II: Molecular Biology-II) (0698)
	Zoology (1 apci-11. Moleculai biology-11) (0070)
NOTE:	

## **NOTE:**

- THE **PRACTICAL EXAMINATIONS** WILL BE CONDUCTED FROM **23.04.2018 TO 04.05.2018** (Except Holidays).

  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 2) PUNISHABLE WITH DISQUALIFICATION FOR PERIOD OF TWO YEARS WITH THE SUBSEQUENT EXAMINATION. 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)
- na Course) WILL BE CONDUCTED ON <u>04.06.2018</u> (P-I) & <u>06.06.2018</u> (P-II). DETAILED DATE-SHEET 5) OF THE SAME WILL BE NOTIFIED SEPARATELY.
- 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 BY CLEARLY MENTIONING IN WHICH PAPER HE/SHE HAS TO APPEAR/LEFT ON THE SCHEDULED DATE. FOR DETAILED INFORMATION PLEASE CONTACT 0172-2534810/2541303. 6)

Chandigarh: 160014 **Prof. Parvinder Singh Dated:** 16.04.2018 **Controller of Examinations**