## PANJAB UNIVERSITY, CHANDIGARH (THEORY EXAMINATIONS)

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 Examination commencing w.e.f 2<sup>nd</sup> December, 2019

DATE & DAY	SUBJECT/PAPER/CODE NO
December, 2019 2 <sup>nd</sup> , Monday	Geography (Paper-X: Map Projections) (0433) (Only for USOL Candidates)
2, wonday	ELECTIVE VOCATIONAL COURSES
	Advertising, Sales Promotion & Sales Management-V (0465)
	Functional English (0470)
	Foreign Trade Practice & Procedure-V (0466)
	Office Management & Secretarial Practice Paper-A: Organizational Behaviour and Personality
	Development (0467) Functional Hindi (0471)
	Tax Procedure & Practice-V (0469)
	Principles & Practice of Insurance-V (0468)
	Early Childhood Care and Education Paper-A (0472)
	Computer Applications Paper-A (0473) (Old)
	Fashion Designing-A (0477)
	Industrial Microbiology IMB-501 (0478)
	Information Technology-A (480) Industrial Chemistry Paper-A (0481)
3 <sup>rd</sup> , Tuesday	Mathematics (Paper-I: Analysis-I) (0443)
	Zoology (Paper-I: Developmental Biology) (ZOO-501) (0456)
4 <sup>th</sup> , Wednesday	Public Administration (Paper: Local Government –with special reference to Punjab) (0429)
	ELECTIVE SUBJECTS:
	English-A (0404)
	French (Introduction to French Drama, Poetry and Prose) (0410)
	German-A (Theory) (0411)
	Hindi (0405) Punjabi (0407)
	Persian-A: Prose (0409)
	Russian- (Paper-Opt. (i): General Translation & Grammar)(0412) (Paper-Opt. (ii): Scientific and Technical
	Translation and Grammar) (0413)
	Urdu-A: (0408)
5 <sup>th</sup> , Thursday	English (Compulsory) (0401) (For B.A. only)
	Physics (Paper-A: Condensed Matter Physics-I) (0448) Botomy (Paper A: Plent Physiclem I) (0454)
6 <sup>th</sup> , Friday	Botany (Paper-A: Plant Physiology-I) (0454)     Biochemistry (Paper-A: Molecular Biology-I) (0461)
0, I'lluay	Microbiology (MIC-501: Pathogenic Microbiology-I) (0463)
	Bio-Technology (BIOT: Plant and Animal Biotechnology) (0474)
	Bio-Informatics (BNE-IX-5001) (Introduction to Genomics) (0475)
	Adult Education (Theory) (0416)
	Defence & Strategic Studies (Paper: National Security: Conceptional aspects ) (0424)
	Education (Paper : Indian Education) (0415) Fine Arts (Paper-A: Theory) (History of Art) (0421)
	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)
7 <sup>th</sup> , Saturday	Mathematics (Paper-II: Modern Algebra) (0444)
	History (Paper: History of Punjab, 1849-1966) (0425)
9 <sup>th</sup> , Monday	Agriculture (Paper-V: Agro-diversity and Physiology) (0442)
	Sociology (Society in India) (0428)
	Computer Science CS-09: Project Management (0483) Computer Science (Paper-A05: Business Data Processing and Data Base Management Software) (0439)
	( <i>Old</i> )
10 <sup>th</sup> , Tuesday	Chemistry (Paper-XVII: Inorganic Chemistry-A) (0451) (Same for B.Sc. Microbial & Food Tech.)
io, iucsuuj	Human Rights & Duties (Paper: Human Rights responses to select problems international and national
	perspective) (0438)
	Political Science (Comparative Politics Systems UK & USA) (0426)
	Indian Classical Dance Paper-A (Theory) (0420)
	Statistics (Paper-301: Demography and Economic Statistics) (0446)
11 <sup>th</sup> , Wednesday	Applied Statistics (Paper-301AS: Estimation & Testing of Hypothesis) (0447)Sanskrit (Upnishad, Ramayan, Shabhavali avem Vyakaran) (0406)
	Ancient Indian History, Culture & Archaeology (Paper-V: Excavations, monuments and sculptures in
	Stone and bronze) (0423)
	Geography (Paper-IX: World Regional Geography-I) (0432)
	Psychology (Paper: Clinical Psychology) (0431)
	Physical Education (Theory) (0414)
12 <sup>th</sup> , Thursday	Punjabi (Compulsory) (0402) (Same for B.A. only)
	History & Culture of Punjab (Paper: History & Culture of Punjab: Colonial Period) (0403) (for B.A. Candidates only)
	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 (ZOO-502C) (0460)

B.A./B.Sc.	(General & Hons.)	5 <sup>th</sup> Semester
	NO	

B.A./B.Sc. (General & Hons.) 5 <sup>th</sup> Semester		
DATE & DAY	SUBJECT/PAPER/CODE NO	
December, 2019		
13 <sup>th</sup> , Friday	HONOURS SUBJECT:	
	Punjabi Paper-V (0706)	
	German Paper-I (Theory) (0709)	
	Ancient Indian History, Culture & Archaeology Paper-V (0726)	
	Economics Paper-I (0717)	
	History Paper-I (0712)	
	Physics Paper-V (0731)	
	Chemistry Paper-V (0733)	
	Botany Paper-A (0735)	
	Zoology Paper-I (0737)	
14 <sup>th</sup> , Saturday	Gandhian Studies (Economic Thought of Mahatma Gandhi) (0434)	
	Home Science (Food Nutrition and Child Development) (Theory) (0441)	
	Philosophy (Paper: Indian Epistemology and Metaphysics) (Theory) (0430)	
16 <sup>th</sup> , Monday	Chemistry (Paper-XVIII: Organic Chemistry-A) (0452) (Same for B.Sc. Microbial & Food Tech.)	
	Music Instrumental (Paper-A: Theory) (0418)	
	Women's Studies (Paper: National and International Initiatives for Women) (0437)	
	HONOURS SUBJECT:	
	Economics Paper-II (0718)	
18 <sup>th</sup> , Wednesday	Chemistry (Paper-XIX: Physical Chemistry-A) (0453) (Same for B.Sc. Microbial & Food Tech.)	
18, wednesday 19 <sup>th</sup> , Thursday		
19, Thursday	HONOURS SUBJECT:	
	English Paper-I (0701)	
	French (0704)	
	German Paper-II (0710)	
	Hindi Paper-III (0705)	
	Punjabi Paper-VI (0707)	
	Sanskrit Paper-III (0702)	
	Urdu Paper-I (0708)	
	Ancient Indian History Culture & Archaeology Paper-VI (0727)	
	Defence & Strategic Studies Paper-I (0711)	
	Economics Paper-III (0719)	
	Geography Paper-I (0724)	
	Home Science (0730)	
	History Paper-II (0713)	
	Music (Vocal & Instrumental) (Theory) (0729)	
	Persian Paper-III (0703)	
	Political Science Paper-I Opt.(i) (0714), Opt.(ii) (0715), Opt.(iii) (0716)	
	Philosophy Paper-I: Opt. (i) (0721), Opt. (ii) (0722),	
	Psychology (0723)	
	Public Administration Paper–III (0725)	
	Sociology (0720)	
	HONOURS SUBJECT:	
	Physics Paper-VI (0732)	
	Chemistry Paper-VI (0734)	
	Botany Paper-B (0736)	
	Zoology Paper-II (0738)	
a oth mil	Police Administration Paper-I (0728)	
20 <sup>th</sup> , Friday	Biochemistry (Paper-B: Applied Bio-chemistry-I) (0462)	
	Microbiology (MIC-502: Food and Industrial Microbiology-I) (0464)	
	Industrial Microbiology IMB-502 (0479)	
	Bio-Informatics (BNE-X-5002) (Genetic Engineering) (0476)	
	Music Vocal (Paper-A: Theory) (0417)	
	Police Administration (Organizational behavior with special reference to Police Administration) (0436)]	
	Environment Conservation (Paper: Biodiversity and Conservation) (0440)	
	Journalism and Mass Communication (Media Management, Ethics and Laws) (0435)	
	Religious & Sikh Studies: Paper-V: Religious Reform Movement in Modern India (0482)	
21 <sup>st</sup> , Saturday	Tabla (Instrumental Music) (Paper-A: Theory) (0419)	
-	Mathematics (Paper-III: Probability Theory) (0445)	
23 <sup>rd</sup> , Monday	Physics (Paper-C: Nuclear and Particle Physics-I) (0450)	
, <u>,</u>	Botany (Paper-B: Plant Ecology) (0455)	
24 <sup>th</sup> , Tuesday	Economics (Economics of Developments) (0427)	
21 , 140344J	Computer Science CS-10: Relational Database Management System (0484)	

 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.
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 BY CLEARLY MENTIONING IN WHICH PAPER HE/SHE HAS TO APPEAR/LEFT ON THE SCHEDULED DATE. FOR DETAILED INFORMATION PLEASE CONTACT 0172-2534810/2541303.

**Chandigarh:** 160014 **Dated:** 04.11.2019

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**Prof. Parvinder Singh Controller of Examinations**