



# Post Graduate Government College Sector-46, Chandigarh



Affiliated to Panjab University, Chandigarh

NAAC Accredited 'A' Grade (Cycle-II)

AISHE CODE: C- 29314

**INTERNAL QUALITY ASSURANCE CELL (IQAC)**

Dr Rajinder Singh Koura  
IQAC Coordinator

Dr Abha Sudarshan  
Principal



0172--2678022

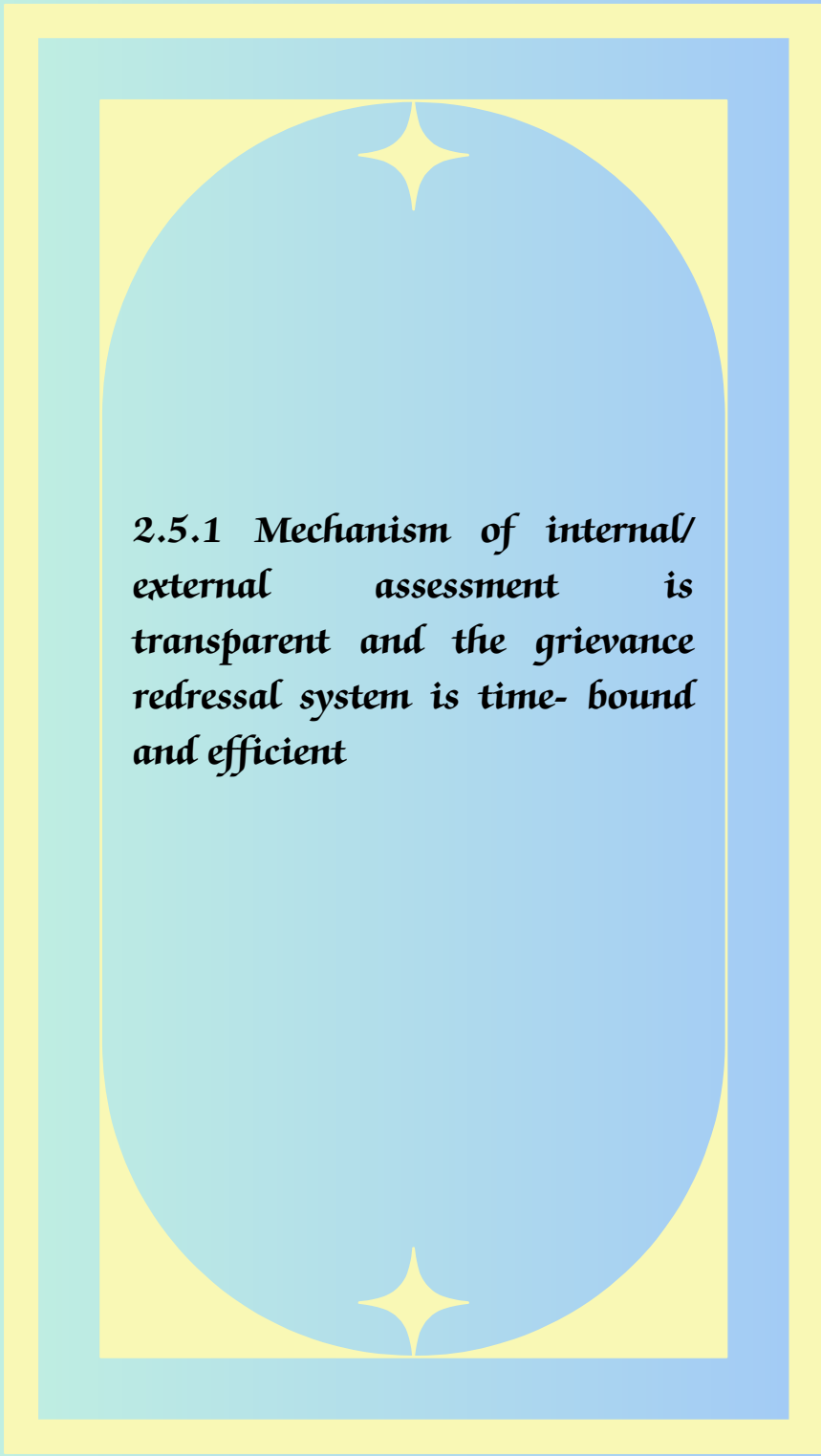


[www.pggc46.ac.in](http://www.pggc46.ac.in)



[gc46chandigarh@gmail.com](mailto:gc46chandigarh@gmail.com)





**2.5.1 Mechanism of internal/  
external assessment is  
transparent and the grievance  
redressal system is time- bound  
and efficient**



**PANJAB UNIVERSITY, CHANDIGARH-160014 (INDIA)**

(Estd. under the Panjab University Act VII of 1947—enacted by the Govt. of India)

## **SYLLABI**

*FOR*

**B.A. & B.Sc. (GENERAL) FIRST YEAR  
(SEMESTER SYSTEM)**

**EXAMINATIONS, 2022-2023**

**(SEMESTER : FIRST AND SECOND)**

*i.e*

*First Semester : November/December, 2022*

*Second Semester : April/May, 2023*

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<i>Sr. No.</i>	<i>Particulars</i>	<i>Page No.</i>
	<b>Structural Outline</b>	(i)-(iv)
1.	English (Compulsory) (for B.A. candidates)	1
2.	Panjabi (Compulsory) (for B.A. and B.Sc. candidates)	3
3.	History and Culture of Punjab (for B.A. Candidates Only)	5
4.	History and Culture of Punjab (for B.Sc. Candidates Only)	9
5.	Electronics	14
6.	Agriculture	15
7.	English (Elective)	20
8.	Hindi (Elective)	22
9.	Panjabi (Elective)	30
10.	Sanskrit (Elective)	32
11.	Urdu (Elective)	36
12.	Persian (Elective)	38
13.	French (Elective)	40
14.	German (Elective)	42
15.	Russian (Elective)	44
16.	Arabic (Elective)	46
17.	Bengali (Elective)	Kept in Abeyance
18.	Tamil (Elective)	Kept in Abeyance
19.	Telugu (Elective)	Kept in Abeyance
20.	Kannada (Elective)	Kept in Abeyance
21.	Malayalam (Elective)	Kept in Abeyance
22.	Physical Education	47
23.	Education	55
24.	Adult Education	59
25.	Music (Vocal)	65
26.	Music (Instrumental)	71
27.	Music (Tabla)	77
28.	Music (Indian Classical Dance)	81
29.	Fine Arts	86
30.	History of Art	92
31.	Ancient Indian History, Culture & Archaeology	96
32.	Defence and Strategic Studies	100
33.	History	106
34.	Political Science	110
35.	Economics	114
36.	Sociology	118
37.	Public Administration	122
38.	Philosophy	126
39.	Psychology	130
40.	Geography	134
41.	Gandhian Studies	144
42.	Journalism & Mass Communication.	148
43.	Police Administration	152
44.	Women's Studies	156
45.	Human Rights and Duties	161
46.	Comparative Study of Religion	165
47.	Home Science	172
48.	Environment Conservation	175
49.	Mathematics	179
50.	Computer Science	185
51.	Statistics	191
52.	Applied Statistics	196
53.	Physics	199
54.	Chemistry	211
55.	Botany	226
56.	Zoology	234
57.	Bio-Chemistry	245
58.	Introduction to Computer Science	251
59.	Microbiology	256
60.	Environment, Road Safety Education, Violence against Women/Children and Drug Abuse	263

**SCHEME FOR OPTING SUBJECTS**  
B.A./B.Sc. (GENERAL) FIRST YEAR (SEMESTER SYSTEM)  
**EXAMINATION, 2022-2023**

**B.A. (General) 1<sup>st</sup> Year (Semester System) study programme consists of three compulsory subjects and three elective subjects :**

**Compulsory subjects :**

- (a) Punjabi  
OR  
History & Culture of Punjab
- (b) English
- (c) Environment, Road Safety Education, Violence against Women/Children and Drug Abuse \*\*\*

**Elective Subjects :** A student is required to take up 3 elective subjects in all, selecting *not more than one subject* from any of the following sets of combinations. :

1. English, Hindi, Punjabi, \*\* Bengali, Urdu, Persian, \*\* Tamil, French, \*\* Arabic, Russian, German, \*\* Kannada, \*\* Malayalam, \*\* Telugu.
2. Economics, Defence & Strategic Studies, Fine Arts, Education, Adult Education, History of Art.
3. History, Mathematics.
4. Public Administration, Home Science, Gandhian Studies, Philosophy.
5. Political Science, \* Statistics, Applied Statistics; Indian Classical Dance, Human Rights and Duties.
6. Sanskrit, Physical Education, Ancient Indian History, Culture & Archaeology, Psychology, Geography.
7. Computer Science, Agriculture, Sociology.
8. Music (Instrumental), Women's Studies, Music (Tabla), Environment Conservation, Religious and Sikh Studies
9. Music (Vocal), Police Administration, Journalism & Mass Communication.

**Note:** The students can opt. only two elective subjects from the following :

**Music (Instrumental), Music (Vocal), Music (Tabla) and Indian Classical Dance.**

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\* Statistics can be opted only with Mathematics

\*\* The Syllabus of Tamil, Telugu, Kannada, Malayalam, Arabic & Bengali Languages are **kept in abeyance**

\*\*\* This is a compulsory qualifying paper, which the students have to study in the B.A./B.Sc. 1<sup>st</sup> year (2<sup>nd</sup> Semester). If the student/s failed to qualify the paper during the 2<sup>nd</sup> Semester, he/she/they be allowed to appear/qualify the same in the 4<sup>th</sup> or 6<sup>th</sup> Semester/s.

10. <b>** Elective Vocational Subject (one of the following) :</b>	<i>Pre-requisite subject at +2 level</i>
1. Mass Communication –Video Production	Any
2. Functional English	English
3. Advertising, Sales Promotion & Sales Management	Any
4. Foreign Trade, Practices and Procedures	Preferably with Economics or Commerce
5. Office Management & Secretarial Practice	Any
6. Computer Applications	Preferably Computer
7. Functional Hindi	Hindi
8. Tax Procedures & Practices	Accountancy/Business Studies
9. Principles and Practice of Insurance	Any
10. Information Technology	Any
11. Fashion Designing	Any
12. Early Childhood Care & Education	Any

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**\*\*A student who opts for Computer Science as an Elective subject shall not take up Computer Applications/Information Technology as Elective Vocational subject and vice-versa.**

**Note :- Syllabus for the Subject at Sr. No. 1 is not framed.**

**FOR B.SC. (GENERAL) CANDIDATES :**

(Besides the compulsory subject, a student shall offer any three elective subjects)

<b>A</b>	<i>Elective Vocational Subject</i>	<i>Other Two Elective Subjects</i>	<i>Pre-requisite subjects at +2 level</i>
1.	Clinical Nutrition Dietetics	Chemistry, Physics & Botany	PCB*
2.	Bio-Technology	Chemistry, Botany or Zoology	PCB
3.	Seed Technology	Botany, Chemistry	PCB
4.	Industrial Fish & Fishery	Zoology, Chemistry	PCB
5.	Instrumentation	Physics, Mathematics	PCM
6.	Mass Communication Video Production	Any two Science Subjects	Any
7.	Electronic Equipment Maintenance <b>(Kept In Abeyance)</b>	Physics, Chemistry/Maths.	PCM
8.	Computer Applications	Any two Science Subjects	Preferably Computer
9.	Industrial Chemistry	Chem., Maths./Botany/Zoology	PCM/B
10.	Industrial Microbiology	Chemistry and Botany or Zoology	PCB
11.	Food Science & Quality Control <b>(Kept In Abeyance)</b>	Chemistry and Botany/Zoology	PCB
12.	Information Technology	Any	Any
<b>B</b>			
13.	Bioinformatics, <b>**Botany/Zoology***</b> and any one of the following Mathematics/Physics/Chemistry/Computer Science	:	PCM/PCB
14.	Biotechnology, <b>**Botany/Zoology***</b> and any one of the following Mathematics/Physics/Chemistry/Computer Science	:	PCM/PCB
15.	Electronics : Physics + Electronics +Mathematics	:	PCM
<b>OR</b>			
Chemistry + Electronics + Computer Science			
16.	1. Agriculture, Botany & Zoology	:	PCB
	2. Agriculture, Biotechnology, Botany/Zoology	:	PCB
	3. Agriculture, Microbiology, Chemistry/Botany/Zoology	:	PCB
	4. Agriculture, Chemistry, Physics/Botany/Zoology	:	PCB

\* P stands for Physics, C stands for Chemistry, B for Biology and M for Mathematics.

\*\* B for Botany.

\*\*\* Z for Zoology

**Note :- Syllabus for the Subject at Sr. No. 1, 3, 4, 5 and 6 are not framed.**

Guidelines for continuous internal assessment (10%) for regular students of Under-Graduate courses (semester system):

**Criteria for Internal Assessment:**

- |       |   |   |    |
|-------|---|---|----|
| (i)   | Class test  | = | 5% |
| (ii)  | Academic Activities<br>(Seminar, Project, Assignment) | = | 3% |
| (iii) | Attendance  | = | 2% |

For private candidates, who have not been assessed earlier for internal assessment, the marks secured by them in theory paper will be proportionately be increased to maximum marks of the paper in lieu of internal assessment.



**OFFICE OF THE PRINCIPAL, POST GRADUATE GOVT. COLLEGE  
SECTOR 46, CHANDIGARH**

As per the Panjab University, Chandigarh guidelines, the students were given internal Assessment in different subjects for the session 2022-2023 in the following manner:

S. No.	Subject Name	BA I (out of) per Sem	BA II (out of) per Sem	BA III (out of) per Sem
1	ADVERTISING AND SALES PROMOTION	10	10	10
2	DEFENCE STUDIES	10	10	10
3	ECONOMICS	10	10	10
4	ENGLISH COM	5	5	5
5	ENGLISH ELECTIVE	10	10	10
6	ENVIRONMENT CONSERVATION	10	10	10
7	FINE ARTS	3	3	3
8	FUNCTIONAL ENGLISH	10	10	10
9	GEOGRAPHY	10	10	10
10	HINDI (ELECTIVE)	10	10	10
11	HISTORY	10	10	10
12	HISTORY & CULTURE OF PUNJAB	5	5	5
13	MATHEMATICS	10	10	10
14	MUSIC INSTRUMENTAL	5	5	5
15	MUSIC VOCAL	5	5	5
16	PHILOSOPHY	10	10	10
17	PHYSICAL EDUCATION	5	5	5
18	POLITICAL SCIENCE	10	10	10
19	PSYCHOLOGY	10	10	10
20	PUBLIC ADMINISTRATION	10	10	10
21	PUNJABI	5	5	5
22	PUNJABI ELECTIVE	10	10	10
23	SANSKRIT ELECTIVE	10	10	10
24	SOCIOLOGY	10	10	10

BCA I		
S. No.	Subject Name	(out of) per Sem
1	English	10
2	Problem Solving Through C	10
3	Computer Fundamentals and Computing Software	10
4	Fundamentals of Mathematical Statistics	10
5	Computer Organization	10
6	Fundamentals of Web Programming	10
7	Object Orientation Programming C++	10

<b>BCA II</b>		
<b>S. No.</b>	<b>Subject Name</b>	<b>(out of) per Sem</b>
1	Information System Design and Implementation	10
2	Computer Oriented Numerical Methods	10
3	Data Structures	10
4	HCP , Punjabi	5
5	Software Project Management	10
6	Data Base Management System	10
7	Operating System Concepts and Linux	10
<b>BCA III</b>		
<b>S. No.</b>	<b>Subject Name</b>	<b>(out of) per Sem</b>
1	Discrete Mathematical Structure	10
2	Web Application Development using PHP	10
3	Computer network	10
4	Java Programming	10
5	Application Development using VB.Net	10
6	Computer Graphics and Multimedia	10
7	E- Commerce	10

<b>BCOM I</b>		
<b>S. No.</b>	<b>Subject Name</b>	<b>(out of) per Sem</b>
1	Principles of Financial Accounting	20
2	Commercial Law	20
3	Interdisciplinary Psychology For Managers	20
4	Principles and Practices of Management	20
5	English and Business Communication	20
6	Business Economics I	20
7	HCP , Punjabi	5
8	Corporate Accounting	20
9	English	10
10	Human Resource Management	20
11	Business Laws	20
12	Business Economics	20
13	E- Commerce	20
<b>BCOM II</b>		
<b>S. No.</b>	<b>Subject Name</b>	<b>(out of) per Sem</b>
1	Business Mathematics and Statistics	20
2	Banking & Insurance	20
3	Company Law	20
4	Goods and Services Tax	20
5	Cost Accounting	20
6	Interdisciplinary Issues In Indian	20

	Commerce	
7	Cost Management	20
8	Marketing Management	20
9	Security Analysis And Portfolio Management	20
10	Advanced Accounting	20
11	Auditing and Secretarial Practice	20
12	Quantitative Techniques and Methods	20
<b>BCOM III</b>		
<b>S. No.</b>	<b>Subject Name</b>	<b>(out of) per Sem</b>
1	Financial Markets and Services	20
2	Production & Operation Management	20
3	Entrepreneurship and Small Business	20
4	Management Accounting	20
5	Indian Economy	20
6	Income Tax Law	20
7	Operational Research	20
8	Social and Business Ethics	20
9	Financial Management	20
10	Indian Economy	20
11	Issue in Financial Reporting	20
12	Direct Tax Laws	20

<b>BBA I</b>		
<b>S. No.</b>	<b>Subject Name</b>	<b>(out of) per Sem</b>
1	Financial Accounting	20
2	Organisation Behaviour	20
3	Fundamentals of Information Technology	20
4	Management Concepts and Practices	20
5	Essentials of Business Economics - I	20
6	PBC/HCP	5
7	Managerial Accounting	20
8	Business Statistics	20
9	Legal Aspects of Business	20
10	Personality Development and Professional Skills	20
11	Essentials Business Economics -II	20
<b>BBA II</b>		
<b>S. No.</b>	<b>Subject Name</b>	<b>(out of) per Sem</b>
1	Operation Research	20
2	English & Business Communication Skills	20
3	Tax Laws- I	20
4	Marketing Management	20
5	Legal Framework For Companies	20
6	Economics of Money and Banking	20
7	Fundamentals of E-Commerce	20
8	Research Methodology	20
9	Human Resource Management	20

10	Financial Management	20
11	Tax Law- II	20
<b>BBA III</b>		
<b>S. No.</b>	<b>Subject Name</b>	<b>(out of) per Sem</b>
1	Sales And Logistics Management/Organizational Development	20
2	Financial Markets and Financial Services	20
3	Principles of Insurance and Risk Management	20
4	Entrepreneurship and New Venture Creation	20
5	Business Environment	20
6	Consumer Behavior /Industrial Relations & Labour Legislation	20
7	Business Ethics and Corporate Governance	20
8	Advertising and Brand Management/ Compensation Management	20
9	Retail Management/Human Resource Planning and Performance Management	20
10	Production and Operations Management	20
11	Business Policy and Strategy	20

<b>MCOM I</b>		
<b>S. No.</b>	<b>Subject Name</b>	<b>(out of) per Sem</b>
1	Management Information System	20
2	Modern Accounting Theory & Reporting Practices	20
3	Organisation Theory and Behaviour	20
4	Managerial Economics	20
5	Quantitative Methods for Business	20
6	Marketing Management	20
7	Operations Research	20
8	Business Policy and Strategic Management	20
9	Production and Materials Management	20
10	Business Environment	20
11	Research Methodology	20
12	Financial Management and Policy	20

<b>MCOM II</b>		
<b>S. No.</b>	<b>Subject Name</b>	<b>(out of) per Sem</b>
1	Insurance Management	20
2	Tax Planning & Management	20
3	Industrial Relations	20
4	Business Performance Measurement	20
5	Bank Management	20
6	Human Resource Development	20
7	Business Ethics	20
8	Organizational Change and Development	20
9	Knowledge Management	20

10	Training and Development	20
11	Project Planning and Control	20
12	Compensation Management	20

*Done*  
*15/9/23*  
Principal  
Post Graduate Govt. College  
Sector 46, Chandigarh  
*[Signature]*  
*17/9/2023*

From

The Principal,  
Post Graduate Govt. College,  
Sector -46, Chandigarh.

To

The Controller of Examinations,  
Panjab University  
Chandigarh.

Memo No. : PGGC/46/ Examinations/2023/2898  
Dated Chandigarh, the 03/06/23

**Subject: - Request for Retest Special Examinations on Medical Grounds.**

As per the student application dated 02.06.2023, we are recommending the name of the following student on the basis of Medical grounds for Retest Special Examinations in **FINE ARTS, HINDI** subjects for B.A 4<sup>th</sup> Semester.

Student Name	University Roll No.	College Roll No.	Mobile No	Email-Id
Diya Jain	21091395	7385	7009855549	jainpinkjain@gmail.com

A copy of her application and medical records is attached along with for necessary action.

DA as above

6/c

Principal,  
Post Graduate Govt. College,  
Sector -46, Chandigarh.

03/06/23

OR

Application

2-06-23

The Principal  
PGGC - 46B  
CHANDIGARH

Diya  
02/06/23

Principal

2911  
02/06/23

Registrar  
Exam

Date:- 02-06-2023

- Subject:- Not Attending exam because of health issue

Respected Mam/Sir

I am Diya Jain, BA - 4 SEM  
[385/21] PU Roll No [21091395] student in  
your college. I didn't give 2 exams  
BA - 4 SEM - Fine arts / Hindi. Kindly  
accept my Application regarding give  
me a chance to give exam again.

Yours truly

Diya Jain

7009855549

PUK Roll No: 21091395.

Ac/350



# CARE CENTRE

99151 98663  
98772 36545


Tehsil Road, Dera Bassi, Distt. S.A.S. Nagar (Punjab)

Consultant Physician  
**Dr. Neeraj Sharma**  
Ex-Medical Officer  
Philadelphia Mission Hospital  
Ambala City  
Medical Officer, Care Centre

Date: 23/5/2023

Medical Certificate

Certified that Diya Jaini was  
under my treatment from  
17/5/2023 to 22/5/2023. She  
was suffering from R.U.O.  
Now she is fit to do  
her duties as on 23/5/2023

  
Ex-Medical Officer  
Mission Hospital  
Medical Officer, Care Centre  
23/5/2023



**OFFICE OF THE PRINCIPAL, POST GRADUATE GOVT. COLLEGE  
SECTOR 46, CHANDIGARH**

Notice

Dated: 11.04.2023

All the teachers are required to take a special test of students who were absent in the March MSTs. The award lists should be uploaded and submitted by April 13, 2023. The answer sheets can be collected from Room No. 100.

Principal  
Post Graduate Govt. College  
Sector 46, Chandigarh

*Abha*  
*11/4/23*

*Page 1*

**OFFICE OF THE PRINCIPAL, POST GRADUATE GOVT. COLLEGE  
SECTOR 46, CHANDIGARH**

**Notice**

**Dated: 03, 11, 2022**

All the teachers are required to take a **special test** of the following students who could not appear in the October MSTs. Students whose roll numbers are not in the list should not be allowed to take the test. The award lists should be uploaded and submitted by **November 14th, 2022.**

**BA I SEM**

1501	1601	1911	2126	2159
1509	1607	1926	2148	2160
1511	1634	1936	2151	2161
1512	1725	2003	2152	4074
1522	1758	2023	2153	6993
1553	1795	2046	2154	7272
1553	1822	2056	2155	7532
1560	1858	2099	2156	7327
1579	1870	2115	2157	1954
1590	1900	2125	2158	1768

**B.Com I SEM**

959	1145	1156	1169	
998	1146	1157	1170	
1119	1147	1158	1171	
1137	1148	1159		
1138	1149	1160		
1140	1150	1161		
1141	1151	1162		
1142	1152	1163		
1143	1153	1166		
1144	1155	1167		

**BA III SEM**

7453	7068	7171	7280	7494
6147	7086	7181	7311	7518
6178	7089	7183	7334	7547
6982	7103	7185	7391	7564
6986	7120	7185	7399	7569
6991	7140	7192	7420	7574
7014	7146	7203	7453	7582
7029	7148	7204	7453	7597
7032	7153	7258	7465	6993
7046	7168	7270	7480	6985

**B.Com III SEM**

101	250	297		
110	261	298		
127	296	518		

**B.Com V SEM**

444	619	651	806	518
475	622	669	807	
618	635	675	795	

**BBA I SEM**

4070				
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**BA V SEM**

6084	6238	6407	6495	
6006	6256	6413	6507	
6017	6260	6416	6516	
6076	6262	6426	6519	
6122	6311	6427	6559	
6125	6314	6436	6563	
6188	6325	6437	6578	
6190	6350	6440	6617	
6199	6368	6461	6621	
6223	6392	6480	6390	

**M.Com I SEM**

3530	3534	3537	3540	
3531	3535	3538		
3533	3536	3539		

**M.Com III SEM**

3313	3301			
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**BCA III SEM**

3783				
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**BCA I SEM**

4438	4422	4466	4470	
4415	4464	4468		
4418	4465	4469		

**BCA V SEM**

3602	4724			
4712	4732			
4715	4737			

Registrar, Examination  
Post Graduate Govt. College  
Sector 46, Chandigarh

Principal  
Post Graduate Govt. College  
Sector 46, Chandigarh

To

The Department of English  
Post Graduate Government College  
Sector - 46 Chandigarh,

Respected Ma'am,

With due respect that I am  
student of BA 11<sup>th</sup> year 3<sup>rd</sup> semester  
having roll no. 6985/21 of your college.  
I have Army Recruitment Exam on  
16<sup>th</sup> Oct 2022. and also have Annual  
Training Camp.  
So, I can't give mid semester test  
kindly grant me leave.

Yours Sincerely

Gaurav

6985/21

Gaurav

Hanul

**ADMIT CARD**

(TO BE ISSUED TO THE INDL ON SUCCESSFUL COMPLETION OF MED EXAM)

RMDS No 5403

IVRS Code : 5716085403 IVRS Phone No :

1. Applicant's Name GAURAV KUMAR

S/O HARINDER PRASAD



2. Date of Birth 20/02/2004

3. Roll No. LUC/LA/AGD/161022/140331

4. Date of Exam 16/10/2022 Time 0100 A.M. Place NK BHAWANI SINGH JOSHI AC  
PARADE GROUND, LANSDOWNE

5. Trade AGNIVEER (GENERAL DUTY)

6. Identification Marks

(i) BM IN FRONT OF CHEST

(ii) BM ON RT UPPER BACK

(Sign of the Candidate)



MUNISH SHARMA  
COL  
ARO  
ARO LANSDOWNE  
Munish Sharma,

CANDIDATE TO BRING ONLY BLACK/BLUE BALL POINT PEN FOR SIGNATURE. DO NOT BRING

...CATION DEVICE FOR EXAM.  
... Lansdowne (U.K.)

## Application

To

The Principal  
PGGL 46, Chd

Respected Madam

I Charanpreet Singh B.A. II Sem. 3,  
want to give special test for MST.

Please allow me to give test.

Thanking you

Yours obediently  
Charanpreet Singh  
Rollno - 7327

B.A. II Sem. 3.

Allowed  
Prin. Singh