

PANJAB UNIVERSITY, CHANDIGARH

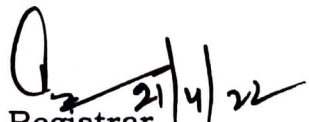
NO. Misc.A-5/ 2619

Dated 21/4 2022

To Whom It May Concern

This is to certify that Mehr Chand Mahajan DAV College for Women, Sector-36, Chandigarh is affiliated with Panjab University, Chandigarh since 1968. The college is presently running the following course/subject:-

Sr. No.	Name of the course and duration	Affiliation Permanent/ Temporary
1.	Three Year B.A., B.Sc., (Medical & Non-Medical, Computer Application), B.Com.	Permanent
2.	Three Year BBA, BCA & B.Sc. Microbiology & Food Technology	Temporary
3.	Diploma in Microbial Analysis & Food Safety	Temporary
4.	M.A. English, Sociology, Economics, Psychology, Hindi	Temporary
5.	M.Com, M.Sc. Mathematics and M.Sc. Chemistry	Temporary
6.	Post Graduate Diploma in Computer Application	Temporary
7.	Post Graduate Diploma in Mass Communication	Temporary
8.	B.A. Hons.- English, Political Science , Sociology , Hindi, Economics, History, Psychology, Punjabi, Public Administration. B.Com. Hons.- Accounting and Finance, E-Commerce/Business Economics, Management Studies B.Sc. Hons.- Physics	Temporary
9.	Add-on -courses:- Cosmetology & Beauty Care, Communicative English, Interior Designing & Decoration, Video Reporting , Floriculture & Landscaping, French	Temporary
10.	B.Voc. (Retail Management)	Temporary (affiliation case under process)


Registrar,
Panjab University,
Chandigarh
Panjab University
Chandigarh

PANJAB UNIVERSITY, CHANDIGARH
(Estd. Under the Panjab University Act VII of 1947- enacted by the Govt. of India)

From:

The Deputy Registrar (General)
Panjab University
Dewan Anand Kumar Hall
Chandigarh-160014

To

1. The Principal
PG Govt. College for Girls
Sector-11, Chandigarh
2. The Principal
MCM DAV College for Women
Sector- 36, Chandigarh.

No.ST. 9672

Dated: 11/9/19

Subject: Research Centre in English at PG Govt. College for Girls, Sector-11, Chandigarh and MCM DAV College for Women Sector- 36, Chandigarh.

Dear Sir/Madam,

I am pleased to inform you that the Vice-Chancellor in anticipation approval of the Joint Research Board has allowed both the colleges i.e. P.G. Govt. College for Girls Sector-11 and MCM DAV College Sector-36, Chandigarh to run an independent Research Centers for the remaining period of three years out of 5 years. The approval is based on the recommendations of the standing committee dated 16.08.2019 which reads as under:

1. New norms for Ph.D./M.Phil enrolment adopted by Panjab University in 2017, shall be followed vide circulars Nos. ST: 8741-8940 dated 29.7.2019, ST: 8341-8491 dated 4.7.2018, and dated 29.6.2017. Said notifications are available on the Panjab University website.
2. Both Research Centers will run the Pre-PhD. Course Work/M.Phil.
3. The research scholars from both the Research Centers will come to the Department of English for Research Degree Committee purposes only.

Dr. Mridula Sharma

Dr. Nisha Soni

Contd to page- No. 2

MCM DAV College for Women, Chandigarh	
Date	12/9/19
Principal	
Sdtd / Adm	
Section	
Page No	1282

*Recd
12/9/19*

*Recd.
12/9/19*

4. The examination of the Pre-Ph.D. Course work would be taken at the Nodal Centre i.e. relevant teaching Department of the University having RDC in the Subject and the result will be prepared in consultation with both the research centers.
5. The Pre-Ph.D. Course Work Examination would be conducted by the Nodal Department i.e. relevant teaching Department of the University having RDC in the Subject.

Yours faithfully,



Deputy Registrar (General)

PANJAB UNIVERSITY, CHANDIGARH

From

The Deputy Registrar (General)
Panjab University
Chandigarh

To

The Principal
MCM DAV College for Women,
Chandigarh.

No. 10784 /GM

Date 29/09/2023

Subject: Issuance of Subject Combination Certificate.

Dear Sir/Madam,

This is in reference to letter Ref. No. 2592/MCM dated 28/09/2023. Please find enclosed herewith stamped hardcopy of subject combination for the following courses:

1. B.A./B.Sc. (General & Honours)
2. B.Com
3. M.A. (English)
4. M.A. (Economics)
5. M.A. (Psychology)
6. M.A. (Mathematics)

Further, it is to inform you that the above mentioned subject combinations are also available on the PU website along with the concerned syllabus.


Deputy Registrar (General)

SCHEME FOR OPTING SUBJECTS
B.A./B.Sc. (GENERAL) FIRST YEAR (SEMESTER SYSTEM)
EXAMINATION, 2023-24

B.A. (General) 1st 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 :

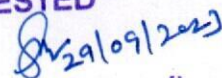
Music (Instrumental), Music (Vocal), Music (Tabla) and Indian Classical Dance.

* 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. 1st year (2nd Semester). If the student/s failed to qualify the paper during the 2nd Semester, he/she/they be allowed to appear/qualify the same in the 4th or 6th Semester/s.

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10. **** Elective Vocational Subject (one of the following) :**

Pre-requisite subject at +2 level

- | | |
|--|---------------------------------------|
| 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 |

****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.

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FOR B.SC. (GENERAL) CANDIDATES :

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

A	Elective Vocational Subject	Other Two Elective Subjects	Pre-requisite subjects at +2 level
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 (Kept In Abeyance)	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 (Kept In Abeyance)	Chemistry and Botany/Zoology	PCB
12.	Information Technology	Any	Any
B			
13.	Bioinformatics, **Botany/Zoology*** and any one of the following : Mathematics/Physics/Chemistry/Computer Science		PCM/PCB
14.	Biotechnology, **Botany/Zoology*** and any one of the following : Mathematics/Physics/Chemistry/Computer Science		PCM/PCB
15.	Electronics : Physics + Electronics +Mathematics :		PCM
OR			
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

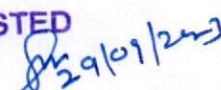
* P stands for Physics, C stands for Chemistry, B for Biology and M for Mathematics.

** B for Botany.

*** Z for Zoology

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

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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 (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.

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PANJAB UNIVERSITY, CHANDIGARH-160014 (INDIA)

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

**FACULTY OF BUSINESS MANAGEMENT AND
COMMERCE**

SYLLABI

FOR

B.Com. (General & Hons.)

(Semester System)

For the Examinations 2020-2021, 2021-22

2022-23 2023-24

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Attested
Kleem
Office Superintendent (General)
Panjab University Chandigarh


SCHEME OF B.Com COURSE (General and Hons.)

Semester – I

Course Code	Course Title	Maximum Marks	Number of Lectures (L) Per Week	Tutorials (T) Per Week***
BCM 101 A BCM 101 B	PUNJABI OR HISTORY AND CULTURE OF PUNJAB	50	3	
BCM 102	ENGLISH AND BUSINESS COMMUNICATION	100	5	1
BCM 103	INTERDISCIPLINARY PSYCHOLOGY FOR MANAGERS	100	5	1
BCM 104	BUSINESS ECONOMICS-I	100	5	1
BCM 105	PRINCIPLES OF FINANCIAL ACCOUNTING**	100	5	1
BCM 106	COMMERCIAL LAWS	100	5	1
BCM 107	PRINCIPLES AND PRACTICES OF MANAGEMENT	100	5	1

Semester – II

Course Code	Course Title	Maximum Marks	Number of Lectures (L) Per Week	Tutorials (T) Per Week***
BCM 201A BCM 201B	PUNJABI OR HISTORY AND CULTURE OF PUNJAB	50	3	
BCM 202	ENGLISH AND BUSINESS COMMUNICATION	100	5	1
BCM 203	INTERDISCIPLINARY E-COMMERCE	100	5	1
BCM 204	BUSINESS ECONOMICS-II	100	5	1
BCM 205	CORPORATE ACCOUNTING**	100	5	1
BCM 206	BUSINESS LAWS	100	5	1
BCM 207	HUMAN RESOURCE MANAGEMENT	100	5	1
	ENVIRONMENT, ROAD SAFETY EDUCATION, VIOLENCE AGAINST WOMEN/ CHILDREN AND DRUG ABUSE*	100		

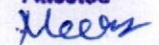
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Semester – III

Course Code	Course Title	Maximum Marks	Number of Lectures (L) Per Week	Tutorials (T) Per Week***
BCM 301	INTERDISCIPLINARY ISSUES IN INDIAN COMMERCE	100	5	1
BCM 302	COST ACCOUNTING**	100	5	1
BCM 303	COMPANY LAW	100	5	
BCM 304	BUSINESS MATHEMATICS AND STATISTICS **	100	5	1
BCM 305	BANKING AND INSURANCE	100	5	1
BCM 306	GOODS AND SERVICES TAX (GST)**	100	5	1

Semester-IV

Course Code	Course Title	Maximum Marks	Number of Lectures (L) Per Week	Tutorials (T) Per Week***
BCM 401	INTERDISCIPLINARY SECURITY ANALYSIS AND PORTFOLIO MANAGEMENT	100	5	1
BCM 402	ADVANCED ACCOUNTING**	100	5	1
BCM 403	AUDITING AND SECRETARIAL PRACTICE	100	5	1
BCM 404	COST MANAGEMENT**	100	5	1
BCM 405	MARKETING MANAGEMENT	100	5	1
BCM 406	QUANTITATIVE TECHNIQUES AND METHODS**	100	5	1

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Semester-V

Course Code	Course Title	Maximum Marks	Number of Lectures (L) Per Week	Tutorials (T) Per Week***
BCM 501	INCOME TAX LAW**	100	5	1
BCM 502	MANAGEMENT ACCOUNTING**	100	5	1
BCM 503	INDIAN ECONOMY	100	5	1
BCM 504	PRODUCTION AND OPERATION MANAGEMENT	100	5	1
BCM 505	ENTREPRENEURSHIP AND SMALL BUSINESS	100	5	1
BCM 506	FINANCIAL MARKETS AND SERVICES	100	5	1

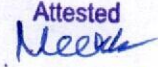
Semester-VI

Course Code	Course Title	Maximum Marks	Number of Lectures (L) Per Week	Tutorials (T) Per Week***
BCM 601	DIRECT TAX LAWS**	100	5	1
BCM 602	FINANCIAL MANAGEMENT	100	5	1
BCM 603	ISSUES IN FINANCIAL REPORTING	100	5	1
BCM 604	SOCIAL AND BUSINESS ETHICS	100	5	1
BCM 605	OPERATIONAL RESEARCH**	100	5	1
BCM 606	SECTORAL ASPECTS OF INDIAN ECONOMY	100	5	1

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

** the strength of B.Com. unit shall be 70. There will be tutorials only in the papers which have been highlighted with asterisk**.

***Each unit of B.com. will be divided into 3-groups for the purpose of Tutorials.

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Scheme of Examination

B.Com. Honours

A student can pursue Honours course in B.Com. by taking up one paper each in four semesters beginning with 3rd semester in any one of the following four streams. Option of any stream once exercised cannot be changed subsequently.

1. Accounting & Finance

- | | |
|--|--------------------------|
| 1. BCH 307: Accounting Theory and Reporting Practices | 3 rd Semester |
| 2. BCH 407: Contemporary Issues in Accounting | 4 th Semester |
| 3. BCH 507: Strategic Financial Management | 5 th Semester |
| 4. BCH 607: Investment Management | 6 th Semester |

2. Economics

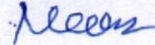
- | | |
|--|--------------------------|
| 1. BCH 308: Development Economics | 3 rd Semester |
| 2. BCH 408: Industrial Economics | 4 th Semester |
| 3. BCH 508: Money and Banking | 5 th Semester |
| 4. BCH 608: International Economics | 6 th Semester |

3. Management Studies

- | | |
|---|--------------------------|
| 1. BCH 309: Advertising & Brand Management | 3 rd Semester |
| 2. BCH 409: Consumer Behaviour | 4 th Semester |
| 3. BCH 509: Compensation Management | 5 th Semester |
| 4. BCH 609: Training & Development | 6 th Semester |

4. Banking

- | | |
|---|--------------------------|
| 1. BCH 310: Bank Management | 3 rd Semester |
| 2. BCH 410: Bank Legislation | 4 th Semester |
| 3. BCH 510: Electronic Banking and Risk Management | 5 th Semester |
| 4. BCH 610: Bank Marketing | 6 th Semester |

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Panjab University Chandigarh





PANJAB UNIVERSITY, CHANDIGARH-160014 (INDIA)
(Estd. under the Panjab University Act VII of 1947-enacted by the Govt. of India)

FACULTY OF LANGUAGES

Outlines of tests, syllabi and courses of reading

for

M.A. English (1st to 4th Semester)

FOR THE SESSION 2023-24

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Panjab University Chandigarh
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Syllabus of Master of Arts (English)

General Directions

1. The entire course of M.A. (English) consists of **18 (eighteen) papers**. Semester I & II shall have four papers each (a total of 8 out of which four shall be compulsory and four optional); Semester III & IV shall also have five papers each (a total of 10 out of which two shall be compulsory and eight optional). One paper (paper XIII) shall be allotted to dissertation-work. If a student does not want to undertake dissertation-work, he/she can opt for a paper named 'Research Methods'. One more paper—'skill Enhancement/Social Outreach' (paper XVIII, Sem IV) based on practical training is to be opted in the second year. In case a student does not want to take this paper based on practical skills, he/she can opt for paper named 'Creative Writing and Soft Skills'. The details of these papers (XIII & XVIII) along with their corresponding alternatives appear later in the document.
2. At the beginning of every session, each department would announce the options it would offer to students on the basis of available resources.
3. There are two compulsory papers in Semester I, and correspondingly in Semester II, whereas in Semester III & IV, there is only one compulsory paper each semester. Each paper (except paper XIII & paper XVIII) shall require 5 hours of direct teaching per week.
4. For the optional papers, the students are advised to choose corresponding options across the semesters. For instance, anyone who opts 'Academic Writing -I' in Semester I, for sake of specialization, is advised to opt for 'Academic Writing -II'. Similarly anyone who opts 'Cultural Studies -I' in Semester I, for the sake of specialization, is advised to opt for 'Cultural Studies -II'.
5. All the books prescribed as well as suggested are available either online or in the printed form. The teachers are expected to teach only those parts or excerpts (of the texts) that have been prescribed in the course.
6. Each paper shall be evaluated both internally and externally. Out of a total of 100 marks per paper, each candidate shall be externally evaluated for 80 marks, and internally evaluated for 20. The internal assessment would be given on the basis of attendance (5 marks), class participation (5 marks) and mid-term examination (10 marks). The papers (except Paper XIII that involves Dissertation-work & Paper XVIII which is based on practical skills) across all the semesters have been divided into five units. In the final examination of each paper, five questions (one from each unit) would be asked with internal choice. Each question shall carry 16 marks with a word limit of about 500- 600 words.
7. Those appearing in the capacity of private candidates shall be evaluated externally only. For them each paper shall carry 100 marks (20X5= 100).

The paper-wise division of the syllabus is given below:

M.A. I

Semester I

Two compulsory papers

Paper I

Literary Movements-I

Paper II

Approaches to Literary Criticism – I

Two optional papers, one each from cluster III & IV

Paper III

1. Cultural Studies –I
2. Language and Linguistics –I
3. British Literature – I

Paper IV

1. Introduction to Literary Genres –I
2. British Literature -II
3. Academic Writing – I

Semester II

Two compulsory papers

Paper V

Literary Movements –II

Paper VI

Approaches to Literary Criticism –II

Two optional papers, one each from cluster VII & VIII

Paper VII

- 1 Cultural Studies –II
- 2 Language and Linguistics –II
- 3 British Literature – III

Paper VIII

1. Introduction to Literary Genres –II
2. British Literature -IV
3. Academic Writing – II

M.A.II

Semester III

One compulsory paper:

Paper IX

Critical Theory – I

Four papers: Choose one paper each from cluster X, XI & XII, XIII .

Paper X

Indian Writings (in English) – I

Cultural Studies -- III

Shakespeare –I

Stylistics

Paper XI

Postcolonial Literatures –I

New Media Writing – I

World Literature –I

Literature and Ecology –I

Paper XII

Indian Literary Criticism and Theory -I

Writings from Punjab – I

Introduction to Literary Genres –III

American Literature –I

Paper XIII

Dissertation-Work

Or

Research Methods

(for private students and those who do not want to undertake dissertation-work)

Semester IV

One compulsory paper

Paper XIV

Critical Theory – II

Four papers: Choose one paper each from cluster XV, XVI & XVII, XVIII

Paper XV

Indian Writings (in Translation) – II

Cultural Studies -- IV

Shakespeare –II

English Language Teaching (ELT)

Paper XVI

Postcolonial Literatures –II

New Media Writing – II

World Literature –II

Literature and Ecology –II

Paper XVII

Indian Literary Criticism and Theory –II

Writings from Punjab – II

Introduction to Literary Genres –IV

American Literature –II

Paper XVIII

Skill Enhancement/ Social Outreach

Or

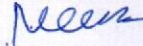
Creative Writing and Soft Skills

(for private students and those who do not want to undertake dissertation-work)

Instructions for private candidates and all those regular candidates who do not want to opt for dissertation work in paper XIII & Skill Enhancement/Social Outreach paper XVIII:

1. Paper XIII offers an internal choice. Either the student opts for dissertation or a paper named as 'Research Methods'
2. Paper XVIII also offers an internal choice. Either the student opts for 'Skill Enhancement/Social Outreach' or he/she appears in a paper named 'Creative Writing and Soft Skills'. This would mean that the candidate in Sem IV shall have a total of five papers (one compulsory and four optional).

3. It is reiterated that in the interest of specialization, the students should prefer corresponding optional papers in Sem. III and Sem. IV.
 4. The aggregate score of M.A. in case of private students and for those who do not want to undertake dissertation work and also do not want to opt for 'Skill Enhancement/Social Outreach' would amount to 1800. For those opting for dissertation work XIII & paper on Skill Enhancement/Social Outreach XVIII, the aggregate score would be 1600.
 5. Those who opt for 'Dissertation-Work' in Paper XIII, shall have to opt for 'Skill Enhancement/Social Outreach' in Paper XVIII. Similarly, those who opt for 'Research Methods' in paper XIII, shall have to opt for 'Creative Writing and Soft Skills' in Paper XVIII.
-

Attested

Office Superintendent (General)
Panjab University Chandigarh

OUTLINES OF TESTS, SYLLABI AND COURSES OF READING FOR M.A. ECONOMICS (SEMESTER SYSTEM) FOR THE EXAMINATION OF 2023-24.

Course Structure:

The M.A. in Economics will be a four semester full time programme. The course will be organized over two years, each year consisting of two semesters—the summer semester and the winter semester.

The programme of study consists of sixteen courses out of which **12** are core courses—**compulsory** for all students—and **4** are **elective courses**. Each of these courses will carry 100 marks, of which 20 marks will be for internal assessment and 80 marks for the end semester examinations to be held in December (Semesters I and III) and May (Semesters II and IV). The teaching hours will be 50 per course per semester. The courses will be offered according to the following schedule:

SEMESTER-I

All Compulsory Papers :

MAECO-101	Micro Economics-I	100 Marks
MAECO-102	Macro Economics-I	100 Marks
MAECO-103	Quantitative Methods-I	100 Marks
MAECO-104	International Economics	100 Marks

SEMESTER-II

All Compulsory Papers :

MAECO-201	Micro Economics-II	100 Marks
MAECO-202	Macro Economics-II	100 Marks
MAECO-203	Quantitative Methods-II	100 Marks
MAECO-204	Public Finance	100 Marks

SEMESTER-III

There will be two Compulsory Papers:

MAECO-301	Economics of Growth and Development-I	100 Marks
MAECO-302	Indian Economic Issues -I	100 Marks

Any two of the following options for Papers MAECO-303 & 304

(i)	Economics of Agriculture-I	100 Marks
(ii)	Economics of Industry-I	100 Marks
(iii)	Environmental Economics	100 Marks
(iv)	History of Economic Thought	100 Marks
(v)	Econometrics -I	100 Marks
(vi)	Mathematical Economics-I	100 Marks
(vii)	Economics of Population	100 Marks

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SEMESTER-IV

There will be two Compulsory Papers:

MAECO-401	Economics of Growth and Development-II	100 Marks
MAECO- 402	Indian Economic Issues-II	100 Marks

Any two of the following options for Papers MAECO-403 & 404

(i)	Economics of Agriculture-II	100 Marks
(ii)	Economics of Industry-II	100 Marks
(iii)	Research Methods	100 Marks
(iv)	Public Policy	100 Marks
(v)	Econometrics -II	100 Marks
(vi)	Mathematical Economics-II	100 Marks
(vii)	Economics of Money and Banking	100 Marks

Note: The students who opt for Economics of Agriculture-I / Economics of Industry-I/ Econometrics-I/ Mathematical Economics -I in M.A. Semester III will have to opt for Economics of Agriculture-II / Economics of Industry-II/ Econometrics-II/ Mathematical Economics-II necessary in M.A. Semester -IV. However, no one can opt for Economics of Agriculture-II / Economics of Industry-II/ Econometrics-II/ Mathematical Economics-II in M.A. Semester-IV without having studied Economics of Agriculture-I / Economics of Industry-I/ Econometrics-I/ Mathematical Economics -I in M.A. Semester-III.

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**SCHEME OF EXAMINATION FOR M.A. PSYCHOLOGY (SEMESTER SYSTEM) FOR THE
EXAMINATION OF 2023-24**

SEMESTER-I

		<i>Theory</i>	<i>Internal Assessment</i>	<i>Total</i>
Paper-I :	Theories and Systems of Psychology-I	80	20	100
Paper-II :	Social Psychology-I	80	20	100
Paper-III:	Experimental and Cognitive Psychology-I	80	20	100
Paper-IV:	Research Methodology and Statistics-I	80	20	100
Paper-V :	Practicum-I	40	10	50

SEMESTER-II

Paper-I :	Theories and Systems of Psychology-II	80	20	100
Paper-II :	Social Psychology-II	80	20	100
Paper-III:	Experimental and Cognitive Psychology-II	80	20	100
Paper-IV:	Research Methodology- and Statistics-II	80	20	100
Paper-V :	Practicum-II	40	10	50

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M.A. Semester III (Semester System)

Any three electives from Sr. No. (1) to (12) can be taken by the students, in addition to compulsory courses at Sr. No. (13) and (14), (M.A. Semester III & IV).

There shall be choice based credit system. The students shall have the option of taking up one four credit course in each of the semesters from other disciplines. Likewise the students from other disciplines shall have the option of taking up one four-credit course from among the optional papers, per semester. Each semester shall be of 18 credits (sixteen credits for theory and 2 credits for practicals).

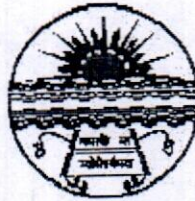
Sr.No.	Name of the Paper	Marks			Credits
		Theory	Internal assessment	Total	
1.	Organizational Psychology-I	80	20	100	4
2.	Child Psychopathology -I	80	20	100	4
3.	Life Span Developmental Psychology-I	80	20	100	4
4.	Clinical Psychology: Psychodiagnostics	80	20	100	4
5.	Clinical Disorders	80	20	100	4
6.	Counselling Psychology: Professional Foundation	80	20	100	4
7.	Counselling Psychology: Approaches and Appraisal	80	20	100	4
8.	Sports Psychology-I	80	20	100	4
9.	Positive Psychology-I	80	20	100	4
10.	Health Psychology -I	80	20	100	4
11.	Media Psychology-I	80	20	100	4
12.	Behavioral Economics	80	20	100	4
13.	Research Methodology and Statistics - I (Compulsory)	80	20	100	4
14.	Practicum	-	-	50	2

Semester IV:

Sr.No.	Name of the Paper	Marks			Credits
		Theory	Internal assessment	Total	
1.	Organizational Psychology -II	80	20	100	4
2.	Industrial Psychology	80	20	100	4
3.	Clinical Psychology: Prevention and Intervention	80	20	100	4
4.	Sports Psychology -II	80	20	100	4
5.	Applied Counselling: Specialties in Practice of Counselling	80	20	100	4
6.	Applied Counselling : Educational and Career Counselling	80	20	100	4
7.	Life Span Developmental Psychology-II	80	20	100	4
8.	Child Psychopathology-II	80	20	100	4
9.	Health Psychology-II	80	20	100	4
10.	Para Psychology	80	20	100	4
11.	Positive Psychology-II	80	20	100	4
12.	Media Psychology - II	80	20	100	4
13.	Research Methodology and Statistics -II(Compulsory)	80	20	100	4
14.	Dissertations (Compulsory)	-	-	50	2

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PANJAB UNIVERSITY, CHANDIGARH-160014(IN DIA)
(Estd. under the Panjab University Act VII of 1947—enacted by the Govt. of India)

FA CULTY OF SCIENCE

SYLLABI

FOR

M.Sc. MATHEMATICS (SEMESTER SYSTEM)
EXAMINATION, 2020-21, 2021-22,
2022-23, 2023-24

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**APPLICABILITY OF REGULATIONS FOR THE TIME
BEING IN FORCE**

Notwithstanding the integrated nature of a course spread over more than one academic year, the regulations in force at the time a student joins a course shall hold good only for the examinations held during or at the end of the academic year. Nothing in these regulations shall be deemed to debar the University from amending the regulations subsequently and the amended regulations, if any, shall apply to all students whether old or new.

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GUIDELINES FOR CONTINUOUS INTERNAL ASSESSMENT (20%) FOR REGULAR STUDENTS OF POST GRADUATE COURSES of M. Sc. Mathematics (Semester System)
(Effective from the First Year Admissions for the Academic Session 2007-08)

1. The Syndicate has approved the following Guidelines, Mode of Testing and Evaluation including Continuous Internal Assessment of students:

- | | | |
|-------|---|---------------------|
| (i) | Terminal Evaluation | 80% |
| (ii) | Continuous Assessment | 20% |
| (iii) | Continuous Assessment may include written assignment, snap tests, participation in discussions in the class, term papers, attendance etc. | |
| (iv) | In order to incorporate an element of Continuous Internal Assessment of students, the Colleges/Departments will conduct one written test and one snap test as quantified below: | |
| (a) | Written Test | : 25 (reduced to 5) |
| (b) | Snap Test | : 25 (reduced to 5) |
| (c) | Participation in Class Discussion | : 15 (reduced to 3) |
| (d) | Term Paper | : 25 (reduced to 5) |
| (e) | Attendance | : 10 (reduced to 2) |

Total: 100 reduced to 20

2. Weightage of 2 marks for attendance component out of 20 marks for Continuous Assessment shall be available only to those students who attend 75% and more of classroom lectures /seminars/ workshops.

The break-up of marks for **attendance component** for theory papers shall be as under:

Attendance Component	Mark/s for Theory Papers
(a) 75% and above up to 85%	1
(b) Above 85%	2

3. It shall not be **compulsory** to pass in Continuous Internal Assessment. Thus, whatever marks are secured by a student out of 20% marks, will be carried forward and added to his/her score out of 80% i.e. the remaining marks allocated to the particular subject and, thus, he/she shall have to secure pass marks both in the University examinations as well as total of Internal Continuous Assessment and University examinations.
4. Continuous Internal Assessment awards from the affiliated Colleges/Departments must be sent to the Controller of Examinations, by name, **two weeks before** the commencement of the particular examination on the proforma obtainable from the Examination Branch.

SPECIAL NOTE :

- (i) The theory question paper will be out of 80 marks and 20 marks will be for internal assessment.
- (ii) In the case of Postgraduate Course in the Faculties of Arts, Science, Languages, Education, Design & Fine Arts, and Business Management & Commerce (falling under the purview of Academic Council), where such a provision of Internal Assessment/Continuous Assessment already exists, the same will continue as before.

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PANJAB UNIVERSITY, CHANDIGARH

OUTLINES OF TESTS, SYLLABI AND COURSES OF READING FOR M.Sc. MATHEMATICS
(Semester System)

Outlines of Tests

Note : Teaching hours for each paper of M.Sc. Mathematics Semester 1st to 4th be 6 hrs. per week.

M.Sc. (Pass Course) in Mathematics

SEMESTER I

(November/December, 2020)

MATH-601S	:	Real Analysis-I
MATH-602S	:	Algebra -I
MATH-603S	:	Differential Equations
MATH-604S	:	Complex Analysis-I
MATH-605S	:	Number Theory-I

SEMESTER II

(April/May, 2021)

MATH-621S	:	Real Analysis-II
MATH-622S	:	Algebra -II
MATH-623S	:	Vector Analysis and Mechanics
MATH-624S	:	Complex Analysis-II
MATH-625S	:	Number Theory-II

SEMESTER III

(November/December, 2020)

MATH-617S	:	Field Theory (Compulsory Course)
MATH-618S	:	Topology (Compulsory Course)
MATH-661S	:	Probability and Mathematical Statistics-I
MATH-672S	:	Computational Techniques-I
MATH-673S	:	Differential Geometry-I
MATH-674S	:	Elasticity -I
MATH-675S	:	Special Functions
MATH-676S	:	Fluid Mechanics-I
MATH-678S	:	Linear Programming

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SEMESTER IV

(April/May, 2021)

MATH-637S	:	Linear Algebra (Compulsory Course)
MATH-638S	:	Functional Analysis (Compulsory Course)
MATH-681S	:	Probability and Mathematical Statistics-II
MATH-692S	:	Computational Techniques-II
MATH-693S	:	Differential Geometry-II
MATH-694S	:	Elasticity -II
MATH-695S	:	Integral Transforms and Their Applications
MATH-696S	:	Fluid Mechanics-II
MATH-698S	:	Non-Linear Programming

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