

**HEMCHAND YADAV VISHWAVIDYALAYA,
DURG (C.G.)**

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**SCHEME OF EXAMINATION
&
SYLLABUS
of
M.Sc. (Home Science) Semester Exam
UNDER
FACULTY OF HOME SCIENCE
Session 2019-21
(Approved by Board of Studies)
Effective from June 2019**

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A. S. B. G. O.
13.06.19

Hemchand Yadav Vishwavidyalaya, Durg (C.G.)

M.SC. (HOME SCIENCE)

SYLLABUS 2019-20

FOOD SCIENCE AND NUTRITION

M.SC. PREVIOUS - 2ND SEMESTER

MARKING SCHEME:

PART I - THEORY

No.	Title	Marks			
		Theory	Test	Seminar	Total
Paper V	Statistics and Computer Application	80	10	10	100
Paper VI	Food Science	80	10	10	100
Paper VII	Food chemistry	80	10	10	100
Paper VIII	Therapeutic Nutrition	80	10	10	100

PART II - PRACTICAL

No.	Practical	Marks
Practical II	Food Science and Therapeutic Nutrition	100

PART III - INTERNSHIP / FIELD PLACEMENT

The student will be required to undergo an internship/field placement for a total duration of six to eight weeks in their chosen area of interest after IInd semester which will facilitate their pursuing a professional career in same field.

This programme could be taken up either as a single block or in two different blocks. It is mandatory that the organization / institution (public/private) participating in the field.

Placement programme will be of good professional standing. The list may include Hospitals, state run NGO, Food industry, etc.. The student will be required to submit and present a report of the internship/field placement project after its completion. It is also envisaged that participating organization/institution will give their performance appraisal of the student work. Grade A (60% and above), Grade B (48% to 59%), Grade C (40% to 47%) should be given to the student after evaluation of field placement/ internship report by the department. The grade will be mentioned in the mark sheet of the IVth semester of the student.

Excursion trip/field visits should be arranged regularly by the department for the up liftment of the knowledge of the students. This programme is designed with the following objectives:

I. To enable the students to acquire an in-depth understanding of the practical aspects of knowledge and skills acquired during the course in the relevant subject/subjects.

I. To gain hands on experience for higher proficiency in their selected area of expertise To help the students to develop and have their analytical abilities for situation and analysis and bringing about improvements.

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**M.A./M. Sc. GEOGRAPHY
SEMESTER IV (2017-18)**

M.A./M.Sc. Geography Semester IV shall consist the following papers:

S. No.	Paper	Title	M. M.		
			Written	Int. Ass.	Total
1.	XVI	Urban Geography	80	20	100
2.	XVII	Agricultural Geography			
3.	XVIII (A)	Geographical Information System	80	20	100
4.	OR XVIII (B)	Environmental Geography			
5.	XIX	Field Work (Physical and Socio- Economic)	80	20	100
6.	XX	Practical-IV :Geographical Information System and Quantitative Techniques	---	---	100
			---	---	100

1. The M.A./M.Sc. Semester IV examination in Geography shall consist of 500 marks. There shall be three theory papers and one Field Work report each of 100 marks and one practical of 100 marks as follows.

S. No.	Paper	Title
1.	XVI	: Urban Geography
2.	XVII	: Agricultural Geography
3.	XVIII (A)	: Geographical Information System
		OR
4.	XVIII (B)	: Environmental Geography
5.	XIX	: Field Work (Physical and Socio- Economic)
6.	XX	: Practical-IV :Geographical Information System and Quantitative Techniques

- The theory papers shall be of three hours duration.
- Candidates will be required to pass separately in theory and practical examinations.
- Candidates will be required to submit their Field Report in three copies in hard bound at least one hundred pages for Valuation.
- (a) In the practical examination the following shall be the allotment of time and marks

(i) Practical record	20%
(ii) Lab Work (up to Four Hours)	70%
(iii) Viva on i & ii above	10%
- (b) The external and internal examiners shall jointly submit marks.
- (c) All the candidates shall present at the time of practical examination their practical record regularly signed by the teacher concerned.



SEMESTER – IV, (2017-18)

PAPER - XIX

FIELD WORK (PHYSICAL AND SOCIO- ECONOMIC)

UNIT – I Trace the prominent features of area to be surveyed. Identify salient landform features of selected area on a topographical sheet. Identify the landforms on the surface, while in the field. Also note the agents of erosion, transportation and deposition associated with the landforms.

UNIT – II Identify and classify the Bio-diversity in the area (Flora & fauna). Observe the relationship of various landforms, flora and fauna with land-use, settlement structure and life style of people.

Socio – Economic

UNIT – III Procure a cadastral map of the village/town for field mapping of the features of land-use and land quality. Procure/prepare the settlement –site map through rapid survey to map the residential, commercial, recreational (parks, playground), educational, religious and other prominent features. Conduct a socio-economic survey of the households with a structured questionnaire. Supplement the information by personal observations and perceptions.

UNIT – IV Based on observations of the land-use and results of the socio-economic enquiry of the households, prepare a critical field-survey report. Photographs and sketches, in addition to maps and diagrams, may supplement the report.



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Commerce - (M.Com)

M. Com. IVth Semester

Special attention to the Students. Students are required to select any one Specialization out of four suggested below.

Optional - Specialization

Optional Group - (A) Marketing

Optional Group - (B) Management

Optional Group - (C) Banking and Insurance

Optional Group - (D) Taxation and Accounting

Optional Group - (A) विपणन (Marketing)

प्रश्न पत्र	प्रश्नपत्र का नाम	पूर्णांक	पेपर कोड
Paper - A I प्रश्न पत्र- A I	विपणन के सिद्धान्त (Principle of Marketing)	80+20	401
Paper - A II प्रश्न पत्र - A II	विज्ञापन एवं विक्रय प्रबन्ध (Advertising & Sales Management)	80+20	402
Paper - A III प्रश्न पत्र- A III	विपणन अनुसन्धान (Marketing Research)	80+20	403
Paper - A IV प्रश्न पत्र -A IV	अन्तर्राष्ट्रीय विपणन (International Marketing)	80+20	404



महत्वपूर्ण नोट :

सत्र 2014-15 से एम. कॉम. प्रथम, द्वितीय एवं तृतीय सेमेस्टर में सभी प्रश्न-पत्र अनिवार्य होंगे। उक्त परीक्षा में वैकल्पिक प्रश्न-पत्र चयन की व्यवस्था नहीं होगी।

एम. कॉम. चतुर्थ सेमेस्टर में विशिष्टीकरण समूह (A), (B), (C), (D) या (E) में से किसी भी एक वैकल्पिक समूह का चयन कर उस समूह के सभी चार प्रश्न-पत्र अनिवार्य रूप से लेने होंगे।

एम. कॉम. चतुर्थ सेमेस्टर में उपरोक्त विशिष्टीकरण समूह के अतिरिक्त 50 अंकों की मौखिक परीक्षा तथा 50 अंकों का परियोजना प्रतिवेदन (अधिकतम 50 पृष्ठों का) तैयार करना अनिवार्य होगा। यह प्रतिवेदन वाणिज्य या प्रबन्ध विषय से सम्बन्धित होगा।

सभी प्रश्न-पत्रों में लिखित परीक्षा 80 अंकों की तथा 20 अंकों की आन्तरिक मूल्यांकन परीक्षा होगी। आन्तरिक मूल्यांकन के अंक परीक्षार्थियों की उपस्थिति, सेमीनार, शोध एवं शैक्षणिक कार्य में भागिता, इकाईवार मूल्यांकन परीक्षा आदि के आधार पर प्रदान किये जायेंगे।

आन्तरिक परीक्षा एवं बाह्य परीक्षा में प्रश्नपत्रवार न्यूनतम उत्तीर्णांक 20 होगा। जो अध्यादेश क्रमांक 170 के प्रावधानों के अनुसार बंधनकारी होगा।

Optional Group-(E)

व्यापार पर्यावरण एवं वित्त और अनुसंधान

(Business Environment & Finance & Research)

प्रश्न पत्र	प्रश्नपत्र का नाम	पूर्णांक	पेपर कोड
Paper - E I प्रश्न पत्र- EI	व्यापार पर्यावरण (Business Environment)	80+20	431
Paper - E II प्रश्न पत्र- EII	वित्तीय संस्थाएँ (Financial Institution's)	80+20	432
Paper - E III प्रश्न पत्र-EIII	अनुसंधान क्रियाविधि (Research Methodology)	80+20	433
Paper - E IV प्रश्न पत्र-EIV	सुरक्षा विश्लेषण (Security analysis)	80+20	434



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HEMCHAND YADAV VISHWAVIDYALAYA, DURG (C.G.)

**COURSE OF STUDIES FOR M.A. EXAMINATION IN SOCIOLOGY,
UNDER SEMESTER SYSTEM IN AFFILETED COLLEGES OF
DURG VISHWAVIDYALAYA, DURG (C.G.)**

EFFECTIVE FROM THE ACADEMIC SESSION (2019-20)

M.A. Examination in Sociology shall be conducted in four semesters, each having 500 hundred marks, totalling to 2000 marks.

The detailed Course Structure Semester wise is mentioned below.

Sl. No.	Paper No.	Title	Marks		
A. FIRST SEMESTER:					
Sr. No.	Paper	Subject	I	T	Total
1	Paper-I/CC1	Classical Sociological Tradition	20	80	100
2	Paper-II/CC2	Philosophical and Conceptual Foundation of Research Methodology	20	80	100
3	Paper-III/CC3	Social Change in India	20	80	100
4	Paper-IV/CC4	Rural Sociology	20	80	100
5	Paper-V/P 1	Practical-I			100
B. SECOND SEMESTER					
6.	Paper-VI/CC5	Classical Sociological Thinkers	20	80	100
7.	Paper-VII/CC6	Quantitative Research Techniques in Sociology	20	80	100
8.	Paper-VIII/CC7	Sociology of Development	20	80	100
9.	Paper-IX/CC8	Indian Rural Society	20	80	100
10.	Paper-X/P2	Practical-II			100



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C. THIRD SEMESTER					
11.	Paper- XI/CC9	Classical Sociological Theories	20	80	100
12.	Paper- XII/CC10	Social Movements in India	20	80	100
13.	Paper- XIII/CC11	Perspectives of Study to Indian Society	20	80	100
14.	Paper- XIV/CC12	Industry and Society in India	20	80	100
15	Paper- XV/CC13	Criminology	20	80	100

D. FOURTH SEMESTER					
16	Paper- XVI/CC14	Modern Sociological Theories	20	80	100
17	Paper- XVII/CC15	Comparative Sociology	20	80	100
18	Paper- XVIII/CC16	Contemporary Issues in Industry	20	80	100
19	Paper- XIX/CC17	Criminology: Correctional administration	20	80	100
✓ 20	Paper- XX/P3	Project Report	-	-	100



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M. S. Wargu

M.A. Political Science

Semester-I and semester-II

PAPER	SEMESTER-I	MARKS		SEMESTER-II	MARKS	
		Theory	Internal		Theory	Internal
I	भारतीय राजनीतिक चिंतन (Indian Political Thought)	80	20	पाश्चात्य राजनीतिक चिंतन (Western Political Thought)	80	20
II	भारतीय शासन एवं राजनीति (Indian Government and Politics)	80	20	भारत के राज्यों की राजनीति (State Politics in India)	80	20
III	तुलनात्मक राजनीति (Comparative Politics)	80	20	विकासशील देशों की तुलनात्मक राजनीति (Comparative Politics of Development Countries)	80	20
IV	अंतर्राष्ट्रीय संगठन (International Organization)	80	20	भारत की विदेशनीति (Indian Foreign Policy)	80	20
Total=400				Total=400		

M.A. Political Science

Semester III and Semester IV

PAPER	SEMESTER-III	MARKS		SEMESTER-IV	MARKS	
		Theory	Internal		Theory	Internal
I	अंतर्राष्ट्रीय राजनीति के सिद्धांत (Principal of International Politics)	80	20	अंतर्राष्ट्रीय राजनीति के समकालीन मुद्दे (Contemporary issues of International Politics)	80	20
II	लोकप्रशासन भाग-1 (Public Administration Part-I)	80	20	लोकप्रशासन भाग-2 (Public Administration Part-II)	80	20
III	शोध प्रविधि भाग-1 (Research Methodology Part-I)	80	20	शोध प्रविधि भाग-2 (Research Methodology Part-II)	80	20
IV	छत्तीसगढ़ का शासन एवं राजनीति (Government and Politics of Chhattisgarh)	80	20	राजनीतिक विचारधाराएं एवं आधुनिक राजनीतिक चिंतन (Political Ideologies and Modern Political Thought.)	80	20
Total=400				Project work VIVA-VOCE		
				Total=500		

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M. Sc. - PHYSICS

M.Sc. in Physics is a full time 2-year (4-semesters course). There will be four theory papers, and two laboratory courses/project in each semester. In each semester, there will be two internal examinations/assessments. Semester-wise course structure along with distribution of marks is given below:

Semester I

Name of the Paper	Marks				Total	Credits
	Theory		Internal			
	Max	Min	Max	Min		
1. Mathematical Physics	80	16	20	04	100	4
2. Classical Mechanics	80	16	20	04	100	4
3. Electrodynamics & Plasma Physics	80	16	20	04	100	4
4. Electronics	80	16	20	04	100	4
A : General & Optics	-	-	-	-	100	2
Laboratory Course I-B : Electronics	-	-	-	-	100	2
Total Marks					600	20

Total Marks for Semester I = 600 & Credit = 20

Semester II

Name of the Paper	Marks				Total	Credits
	Theory		Internal			
	Max	Min	Max	Min		
1. Quantum Mechanics-I	80	16	20	04	100	4
2. Statistical Mechanics	80	16	20	04	100	4
3. Electronic & Photonic Devices and Optical Modulators	80	16	20	04	100	4
4. Computational Methods & Programming	80	16	20	04	100	4
Laboratory Course II-A : Numerical Analysis & Computer Programming	-	-	-	-	100	2
Laboratory Course II-B : Digital Electronics & Microprocessor	-	-	-	-	100	2
Total Marks					600	20

Total Marks for Semester II = 600 & Credit = 20





Semester III

Name of the Paper	Marks					Credits
	Theory		Internal		Total	
	Max	Min	Max	Min		
1. Quantum Mechanics-II	80	16	20	04	100	4
2. Atomic & Molecular Physics	80	16	20	04	100	4
3. Solid State Physics-I	80	16	20	04	100	4
4. (A) Astronomy & Astrophysics-I (B) Electronics (Communication)-I (C) Physics of Nano-material-I (D) Space Physics-I	80	16	20	04	100	4
Laboratory Course III-A Materials Science & General	-		-		100	2
Laboratory Course III-B : Astronomy & Astrophysics OR : Electronics (Communication) OR : Physics of Nano-material OR : Space Physics	-		-		100	2
Total Marks					600	20

Total Marks for Semester III = 600 & Credit = 20

Semester IV

Name of the Paper	Marks					Credits
	Theory		Internal		Total	
	Max	Min	Max	Min		
1. Nuclear & Particle Physics	80	16	20	04	100	4
2. Laser Physics and Applications	80	16	20	04	100	4
3. Solid State Physics -II	80	16	20	04	100	4
4. (A) Astronomy & Astrophysics-II (B) Electronics(Communication)-II (C) Physics of Nano-material-II (D) Space Physics-II	80	16	20	04	100	4
✓ Project Work	-		-		200	4
Total Marks					600	20

Total Marks for Semester IV = 600 & Credit = 20

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List of Practical of HTML

At least 10 practical of HTML & Web Designing

PGDCA-110:Project ✓

1. Scheme of Examination:- The Project should be done by individual student.

Practical examination will be of 3 hours duration. The distribution of practical marks will be as follows

Software Demonstration	-	40
Project Report (Hard Copy + Soft Copy)	-	20
Project Demonstration/Presentation	-	20
Project Viva	-	20
Total	-	100

2. Format of the student project report on completion of the project

- Cover page as per format
- Certificate of Approval
- Certificate of project guide/Center Manager
- Certificate of the company/Organization
- Certificate of Evaluation
- Declaration / Self Certificate
- Acknowledgement

In the "Acknowledgement" page, the writer recognizes his /her indebtedness for guidance and assistance of the thesis/report adviser and other members of the faculty. Courtesy demands that he/she also recognize specific contributions by other persons or institutions such as libraries and research foundations. Acknowledgements should be expressed simply, tastefully, and tactfully.

- Synopsis of the project
- Main Report
 - ✓ Objectives & Scope of the project
 - ✓ Theoretical Background of Project
 - ✓ Definition of problem
 - ✓ System Analysis & Design
 - ✓ System Planning (PERTC hart)
 - ✓ Methodology adopted, system Implementation & Detail of Hardware & Software used
 - ✓ System maintenance & Evaluation
 - ✓ Cost and benefit Analysis
 - ✓ Detailed Life Cycle of the project
 - ERD,DFD
 - Input and Output Screen Design
 - Process involved
 - Methodology used for testing
 - Test Report, Printout of the code sheet
 - ✓ User/Operational Manual- including security aspects, access rights, back up, Controls etc.
 - ✓ Conclusion
 - ✓ References
 - ✓ Soft copy of the project on CD

Md

S. Manish
16.05.19

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Ph

