



बिलासपुर विश्वविद्यालय, बिलासपुर (छत्तीसगढ़)

SYLLABUS (NEW COURSE)

P.G. DIPLOMA IN COMPUTER APPLICATION

PC Package & Tally ERP Lab

Note: Practical should be as per syllabus of theoretical papers.

C, C++ & Oracle Lab

Note: Practical should be as per syllabus of theoretical papers.

PROJECT

Note:

01. It is compulsory, that students would have group of maximum of two students and project should be done under Government sectors/ Public Sector/ Pvt. Limited S/W Company/ Software Technology park of India/ ISO 9001 certified company etc.
02. The students should not make any project under local or private institutions.
03. The students should make project themselves and project will not be copy of other project.

Steps for Live Project

01. Getting customer's requirements
02. Designs, database and business logics.
03. Developing software application project.
04. Testing and implementing the project.
05. Troubleshooting the project application after implementation.

The break-up of marks for Practical will be as under :

Sr. No.	Argument	Maximum Marks	Minimum Passing Marks
1.	Lab Record	10	
2.	Viva-voce	20	
3.	Program Development & Execution	20	
Total Marks		50	17

The break-up of marks for Practical will be as under :

Sr. No.	Argument	Maximum Marks	Minimum Passing Marks
1.	Project Report	25	
2.	Viva-voce/ Presentation	25	
3.	Project Execution	50	
Total Marks		100	40

[Signature]

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Bilaspur (C.G.)**

PAPER - III
PRACTICAL GEOGRAPHY
Max. Marks: 50

SECTION A

CARTOGRAPHY AND STASTISTICAL METHODS

(M.M. 25)

- Unit I** Scale: Statement Scale , Representative Fraction (R.F.), Linear scale – Simple, Diagonal, Comparative, and Time Scales.
- Unit II** Contour: Methods of showing relief; Hachures, Contours; Representation of different landforms by contours.
- Unit III** Graph and Diagram: Line graph, Bar Diagram (Simple and Compound), Circle Diagram, Pie Diagram
- Unit IV** Statistical Technique: Mean, Median and Mode

SECTION B

SURVEYING -

(M.M. 15)

- Unit V** Chain and Tape Survey. Triangulation method, Open Traverse and Closed Traverse

PRACTICAL RECORD AND VIVA VOCE

(M.M. 10)

Books Recommended:

1. Davis, R.E. and Foote, F.S. (1953): Surveying, 4th edition, McGraw Hill Publication, New York
2. Jones, P.A.(1968): Fieldwork in Geography, Longmans, Green and Company Ltd., First Publication, London
3. Monkhouse, F. J. and Wilkinson, F.J. (1985): Maps and Diagrams. Methuen, London
4. Natrajan, V. (1976): Advanced Surveying, B.I. Publications., Mumbai
5. Pugh, J.C. (1975): Surveying for Field Scientists, Methuen and Company Ltd., London, First Publication.
6. Raisz, E. (1962): General Cartography. John Wiley and Sons, New York. 5th edition.
7. Sarkar, A. K. (1997): Practical Geography: A Systematic Approach. Orient Longman, Kolkata.
8. Sharma, J. P. (2001): *Prayogik Bhugol*, Rastogi Publication, Meerut 3rd. edition.
9. Singh, R.L. and Singh, Rana P.B. (1993): Elements of Practical Geography. (Hindi and English editions). Kalyani Publishers, New Delhi,.
10. Singh, L.R. (2006): Fundamentals of Practical Geography, Sharda Pustak Bhawan, Allahabad.
11. Venkatramiah, C.(1997): A Text Book of Surveying, Universities Press, Hyderabad.


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PHYSICS B.Sc. I

PRACTICALS

Minimum 16 (Eight from each group)

Experiments out of the following or similar experiments of equal standard

GROUP-A

1. Study of laws of parallel and perpendicular axes for moment of inertia.
2. Moment of inertia of Fly wheel.
3. Moment of inertia of irregular bodies by inertia table.
4. Study of conservation of momentum in two dimensional oscillations.
5. Study of a compound pendulum.
6. Study of damping of a bar pendulum under various mechanics.
7. Study of oscillations under a bifilar suspension.
8. Study of modulus of rigidity by Maxwell's needle.
9. Determination of Y , k , η by Searl's apparatus.
10. To study the oscillation of a rubber band and hence to draw a potential energy curve from it.
11. Study of oscillation of a mass under different combinations of springs.
12. Study of torsion of wire (static and dynamic method).
13. Poisson's ratio of rubber tube.
14. Study of bending of a cantilever or a beam.
15. Study of flow of liquids through capillaries.
16. Determination of surface tension of a liquid.
17. Study of viscosity of a fluid by different methods.

GROUP-B

1. Use of a vibration magnetometer to study a field.
2. Study of magnetic field B due to a current.
3. Measurement of low resistance by Carey-Foster bridge.
4. Measurement of inductance using impedance at different frequencies.
5. Study of decay of currents in LR and RC circuits.
6. Response curve for LCR circuit and response frequency and quality factor.
7. Study of waveforms using cathode-ray oscilloscope.
8. Characteristics of a choke and Measurement of inductance.
9. Study of Lorentz force.
10. Study of discrete and continuous LC transmission line.
11. Elementary FORTRAN programs, Flowcharts and their interpretation.
12. To find the product of two matrices.
13. Numerical solution of equation of motion.
14. To find the roots of quadratic equation.

SC
11-6-18

L.Swami
11/6/2018

Ashu
11/6/18

J.M.D.
11-6-18

MC
11/06/18

J.M.D.
11/06/18

SFT

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PRACTICAL EXAMINATION

Chemistry

05 Hrs.

M.M. 50

Three experiments are to be performed

1. Inorganic Mixture Analysis, four radicals two basic & two acid (excluding insoluble, Interfering & combination of acid radicals) OR Two Titrations (Acid-Bases, Redox and Iodo/Iodimetry) 12 marks
2. Detection of functional group in the given organic compound and determine its MPt/BPt. 8 marks

O R

Crystallization of any one compound as given in the prospectus along with the determination of mixed MPt.

O R

Decolorisation of brown sugar along with sublimation of camphor/ Naphthalene.

3. Any one physical experiment that can be completed in two hours including calculations. 14 marks
4. Viva 10 marks
5. Sessionals 06 marks

In case of Ex-Students two marks will be added to each of the experiments

REFERENCE TEXT:

1. Mendham, J., A. I. Vogel's Quantitative Chemical Analysis 6th Ed., Pearson, 2009.
2. Ahluwalia, V. K., Dhingra, S. and Gulati, A. College practical Chemistry, University Press.
3. Mann, F.G. & Saunders, B.C. Practical Organic Chemistry, Pearson Education (2009)
4. Furniss, B.S.; Hannaford, A.J.; Smith, P.W.G.; Tatchell, A.R. Practical Organic Chemistry, 5th Ed., Pearson (2012)
5. Khosla, B. D.; Garg, V. C. & Gulati, A. Senior Practical Physical Chemistry, R. Chand & Co.: New Delhi (2011).
6. Garland, C. W.; Nibler, J. W. & Shoemaker, D. P. Experiments in Physical Chemistry 8th Ed.; McGraw-Hill: New York (2003).
7. Halpern, A. M. & McBane, G. C. Experimental Physical Chemistry 3rd Ed.; W.H. Freeman & Co.: New York (2003).

— J.P. —
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B.Sc. PART - I
COMPUTER SCIENCE
PAPER - I
COMPUTER FUNDAMENTAL
(PAPER CODE - 0805)

Max Marks: 80

NOTE: The Question Paper setter is advised to prepare unit-wise question with the provision of internal choice.

UNIT - I Classification and Organization of Computers

History of computer, Generation of computer, Calculator vs. Computer, Digital and Analog computers and its evolution. Major components of digital computers. Memory addressing capability of CPU, Word length and processing speed of computers, Microprocessors, Single chip Microcomputer, Large and small computers, Users interface, Hardware, software and firmware, multi programming, multi user system, Dumb smart and intelligent terminals, computer network and multi processing, LAN parallel processing, Flynn's classification of computers, Control flow and data flow computers

UNIT - II Central Processing Unit

Parts of CPU- ALU, Control Unit, Registers, Architecture of Intel 8085 microprocessor, Instructions for Intel 8085 microprocessor, Instruction Word size, Various addressing mode, Interrupts, Some special Control signals, Instruction cycle, fetch and execute operation, Timing Diagram, Instruction flow and data flow

UNIT - III Memory

Memory hierarchy, Primary and Secondary Memory, Cache memory, Virtual Memory Direct Access Storage Devices (DASD), Destructive and Nondestructive Readout, Program and data Memory, Memory Management Unit (MMU), PCMCIA Cards and Slots

UNIT - IV I/O Devices

I/O devices- Keyboard, Mouse, Monitor, Impact and Non-Impact Printers, Plotter, Scanner, other Input/output devices, Scan method of Display- Raster Scan, Vector Scan, Bit Mapped Scan, CRT Controller, I/O Port- Programmable and Non Programmable I/O ports, Inbuilt I/O ports, Parallel and Serial ports, USB, IEEE 1394, AGP, Serial data transfer scheme, Micro controller, Signal Processor, I/O processor, Arithmetic Processor.

UNIT - V SOFTWARE AND PROGRAMMING TECHNIQUES

Application and System Software: Introduction, Example, Difference etc., Introduction to Open Source Software such as Unix/Linux (Ubuntu), Libre office etc., Introduction to Machine Language, Assembly Language and High Level Languages, Programming Techniques, Stack, Subroutine, Debugging of programs, Macro, Program Design, Software development, Flow Chart, Multi programming, Multiuser, Multitasking, Protection, Operating systems and Utilities programs, Application packages.

TEXT BOOKS.

1. Computer Fundamentals P. K. Sinha, BPB Publications, Sixth Edition
2. Computer Fundamentals: Architecture and Organization D. Raju, New Age International Publishers, Fifth Edition
3. Fundamentals of Computers, V. Rajaraman, P.H, Sixth Edition
4. Computers Today Donald H. Sanders, McGraw-Hill, Third Edition
5. IBM PC and Clones B. Govindarajulu, McGraw-Hill, Second Edition
6. UNIX Concepts and Applications Srinathra Erat, Tata McGraw-Hill, Fourth Edition

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*Amritpal Singh
11/16/18*

H.K. 11/18

B.Sc. PART - I
COMPUTER SCIENCE
PAPER II
PROGRAMMING IN 'C' LANGUAGE
(Paper Code - 0806)

Max Marks: 50

NOTE: The Question Paper setter is advised to prepare unit-wise question with the provision of internal choice.

UNIT-I

Fundamentals of C Programming: Overview of 'C', History of 'C', Structure of 'C' program, Keywords, Tokens, Data types, Constants, Literals and Variables, Operators and Expressions, Arithmetic operators, Relational operator, Logical operators, Expressions, Operator: operator precedence and associativity, Type casting, Console I/O, formatting, Unformatted I/O functions: getch(), getchar(), getche(),getc(), putc(), putchar().

UNIT-II

Control Constructs: If-else, conditional operators, switch and break, nested conditional branching statements, loops: do while, while, for, Nested loops, break and continue, goto and label, exit function.

Functions: Definition, function components: Function arguments, return value, function call statement, function prototype, Types of function, Scope and lifetime of variable, Call by value and call by reference, Function using arrays, function with command line argument, User defined function, maths and character functions, Recursive function.

UNIT-III

Array: Array declaration, One and Two dimensional numeric and character arrays, Multidimensional arrays.

String: String declaration, initialization, string manipulation with/without using library function

Structure, Union and Enum - Structure: Basics, declaring structure and structure variable, typecast statement, array of structure, array within structure, Nested structure, passing structure to function, function returning structure. **Union:** basics, declaring union and union variable, **Enum:** declaring enum and enum variable.

UNIT- IV

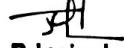
Pointer: Definition of pointer, Pointer declaration, Using & and * operators, Void pointer, Pointer to pointer, Pointer in math expression, Pointer arithmetic, Pointer comparison, Dynamic memory allocation functions - malloc, calloc, realloc and free, Pointer vs. Array, Array of pointer, Pointer to array, Pointers to function, Function returning pointer, Passing function as Argument to function, Pointer to structure, Dynamic array of structure through pointer to structure.

UNIT-V

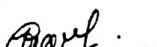
File Handling and Miscellaneous Features: File handling, file pointer, File accessing functions: fopen, fclose, fputc, fgetc, fprintf, fscanf, fread, fwrite,feof, flush, rewind, fseek, perror, File handling through command line argument, Introduction to C preprocessor #include, #define, Conditional compilation directives: #if, #else, #elif, #endif, #ifndef etc

TEXT BOOKS:

1. Programming in ANSI C, E Balagurusamy, Tata McGraw-Hill, Third Edition.
2. Let Us C, Yashwant Kanetkar, Infinity Science Press, Eighth Edition.
3. Mastering C, K R Venugopal, Tata McGraw-Hill.
4. The C Programming Language, Brian W Kernighan, Dennis M Ritchie, Prentice Hall, Second Edition.
5. Applications Programming in ANSI C, R Johnsonbaugh, Martin Kalin Macmillan, Second Edition.
6. The Spirit of C, Mullish Cooper, Juice publishing House
7. How to solve it by Computer, R G Diromey, Pearson Education


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Amritpal Singh
(Dr. A.K. Dikshit)
110111


Dr. A.K. Dikshit


Dr. A.K. Dikshit

BSc Comp. Science
Practical

- At least 20 Practical based on Syllabus of Paper-I and Paper-II.

Semester
11-06-2018
(Dr. Sanjay Kumar)

Anuj
11/6/2018
(Dr. A.K. Dwivedi)

Gaurav
11/6/18
(C.R. Gaurav)

Jitendra
11/6/18
(Dr. Jitendra)

JVP
Tandil
11-06-18
Hari Shankar Prasad Tandil

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Zoology
B.Sc. Part I 2018-19
Practical

The practical work will, in general be based on the syllabus prescribed in theory and the candidates will be required to show knowledge of the following:-

- Dissection of Earthworm, Cockroach, Palaemon and Pila
- Minor dissection—appendages of Prawn & hastate plate, mouth parts of insects, radulla of Pila.

(Alternative methods: By Clay/Thermacol/drawing/Model etc.)

- Adaptive characters of Aquatic, terrestrial, aerial and desert animals.
- Museum specimen invertebrate
- Slides- Invertebrates, frog embryology, Chick embryology and cytology,

Scheme of Practical Exam

Time: 3hrs

1. Major Dissection	10 Marks
2. Minor Dissection	05 Marks
3. Comments on Excercise based on Adaptation	04 Marks
4. Cytological Preparation	05 Marks
5. Spots-8 (Slides-4, Specimens-4)	16 Marks
6. Sessional	10 Marks

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Bilaspur (C.G.)

B.Sc. I (BOTANY)

PRACTICAL

Study of external (Morphological) and internal (microscopic/anatomical) features of representative genera given in the theory.

1. Algae: Gloeocapsa, Scytonema, Gloeotrichia, Volvox, Oedogonium, Vaucheria, Chara, Ectocarpus, Sargassum, Batrachospermum
2. Gram staining
3. Fungi: Albugo, Aspergillus, Peziza, Agaricus, Puccinia, Alternaria and Cercospora
4. Bryophyta: Riccia, Marchantia, Pellia, Anthoceros, Sphagnum, Funaria
5. Pteridophyta: Lycopodium, Selaginella, Equisetum, Marsilea.
6. Gymnosperm: Cycas, Pinus, Ephedra.

PRACTICAL SCHEME

TIME: 4 Hrs.	M.M. : 50
1. Algae/Fungi/Gram Staining	10
2. Bryophyta/Pteridophyta	10
3. Gymnosperm	10
4. Spotting	10
5. Viva-Voce	05
6. Sessional	05

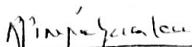


(Dr. J.N. Verma)

Proff. & Head

Govt. D.B. Girls PG College

Raipur, (C.G.)



(Dr. Rekha Pimpalaonkar)

Proff. & Head

Govt. N PG Science College

Raipur, (C.G.)



(Dr.Ranjana Shristava)

Proff. & Head

Govt. VYTPG Science College

Raipur, (C.G.)

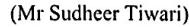


(Mrs. Sanchal Moghe)



(Mr. Shivakant Mishra)

Govt. Bilasa Girls College, Bilaspur




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Microbiology B.Sc. I

PRACTICAL

M. M. 50

Basic information about autoclave, hot air oven, laminar air flow and other laboratory instruments

Preparation of solid/liquid culture media.

Isolation of single colonies on solid media.

Enumeration of bacterial numbers by serial dilution and plating.

Simple and differential staining.

Measurement of microorganism (micrometry) and camera Lucida drawing of isolated organism.

Determination of bacterial growth by optical density measurement.

General and specific qualitative test for carbohydrates

General and specific qualitative test for amino acids

General and specific qualitative test for lipids

Estimation of protein

Estimation of blood glucose

Assay of the activity of amylases

Assay of the activity of Phosphates

Scheme of Practical Examination

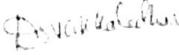
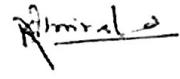
Time - 4 hours

M.M. 50

1. Exercise on Microbiological methods	10
2. Exercise on Biochemical tests	10
3. Exercise on staining method	05
4. Spotting (1-5)	10
5. Viva-Voce	05
6. Sessional	10

Total 50




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सेमेस्टर पाठ्यक्रम
M.A. SOCIOLOGY

SCHEME OF EXAMINATION & DISTRIBUTION OF MARKS

SEMESTER - I

Paper No.	Title of the Paper (s)	Internal Assessment		Term end Exam	Total Marks
		Seminar	Test		
1.	Classical Sociological Theories	10	10	80	100
2.	Methodology of Social Research	10	10	80	100
3.	Rural Sociology	10	10	80	100
4.	Urban Society in India	10	10	80	100

SEMESTER - II

Paper No.	Title of the Paper (s)	Internal Assessment		Term end Exam	Total Marks
		Seminar	Test		
1.	Modern Sociological Theories	10	10	80	100
2.	Social Research and Statistics	10	10	80	100
3.	Rural Development and Changes	10	10	80	100
4.	Urban Social Structure and Problems	10	10	80	100

SEMESTER - III

Paper No.	Title of the Paper (s)	Internal Assessment		Term end Exam	Total Marks
		Seminar	Test		
1.	Perspective of Indian Society	10	10	80	100
2.	Industrial Sociology	10	10	80	100
3.	Demographical Profile	10	10	80	100
4.	Criminology	10	10	80	100

SEMESTER - IV

Paper No.	Title of the Paper (s)	Internal Assessment		Term end Exam	Total Marks
		Seminar	Test		
1.	Theoretical Perspective & Indian Society	10	10	80	100
2.	Industry and Society in India	10	10	80	100
3.	Social Demography of India	10	10	80	100
4.	Criminology and Correctional Institutions	10	10	80	100

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ATAL BIHARI VAJPAYEE VISHWAVIDYALAYA BILASPUR (C.G.)

**SEMESTER SYLLABUS
M.A. GEOGRAPHY**

SCHEME OF EXAMINATION & DISTRIBUTION OF MARKS

SEMESTER - I

Paper No.	Title of the Paper(s)	Internal Assessment	Term End Exam	Total Marks
1.	Geomorphology	20	80	100
2.	Climatology	20	80	100
3.	Evolution of Geographical thoughts	20	80	100
4.	Geography of India	20	80	100
Prac-1	Instrumental Survey	-	-	100
			Total	500

SEMESTER - II

Paper No.	Title of the Paper(s)	Internal Assessment	Term End Exam	Total Marks
1.	Applied Geomorphology	20	80	100
2.	Oceanography	20	80	100
3.	Geographical Methodology	20	80	100
4.	Geography of Chhattisgarh	20	80	100
Prac-1	Cartography	-	-	100
			Total	500

SEMESTER - III

Paper No.	Title of the Paper(s)	Internal Assessment	Term End Exam	Total Marks
1.	Rural Settlement Geography	20	80	100
2.	Resource Geography	20	80	100
3.	Regional Planning & Development	20	80	100
4.	Population Geography with special reference of world	20	80	100
Prac-1	Statistical Technique & field survey	-	-	100
			Total	500

SEMESTER - IV

Paper No.	Title of the Paper(s)	Internal Assessment	Term End Exam	Total Marks
1.	Population Geography with special reference of India	20	80	100
2.	Urban Geography	20	80	100
3.	Agricultural Geography	20	80	100
4.	Resource Conservation & Management	20	80	100
Prac-1	Advanced Cartography	-	-	100
			Total	500

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सेमेस्टर पाठ्यक्रम
एम.ए. हिन्दी

पाठ्यक्रम विवरण एवं अंक विभाजन

सेमेस्टर	प्रश्न पत्र	विषय/प्रश्न पत्र का नाम	अंक विभाजन		
			सेमेस्टर परीक्षा	आतंरिक मूल्यांकन	पूर्णांक
प्रथम	1	हिन्दी साहित्य का इतिहास (आदिकाल, भवित्तिकाल, रीतिकाल)	80	20	100
	2	प्राचीन काव्य	80	20	100
	3	आधुनिक गद्य साहित्य (नाटक एवं निवेद्य)	80	20	100
	4	भाषा विज्ञान	80	20	100
				योग	400

सेमेस्टर	प्रश्न पत्र	विषय/प्रश्न पत्र का नाम	अंक विभाजन		
			सेमेस्टर परीक्षा	आतंरिक मूल्यांकन	पूर्णांक
द्वितीय	1	हिन्दी साहित्य का इतिहास (आधुनिक काल)	80	20	100
	2	मध्यकालीन काव्य	80	20	100
	3	आधुनिक गद्य साहित्य (उपन्यास एवं कहानी)	80	20	100
	4	हिन्दी भाषा	80	20	100
				योग	400

सेमेस्टर	प्रश्न पत्र	विषय/प्रश्न पत्र का नाम	अंक विभाजन		
			सेमेस्टर परीक्षा	आतंरिक मूल्यांकन	पूर्णांक
तृतीय	1	भारतीय काव्यशास्त्र	80	20	100
	2	आधुनिक काव्य	80	20	100
	3	प्रयोजन मूलक हिन्दी	80	20	100
	4	भारतीय साहित्य	80	20	100
				योग	400

सेमेस्टर	प्रश्न पत्र	विषय/प्रश्न पत्र का नाम	अंक विभाजन		
			सेमेस्टर परीक्षा	आतंरिक मूल्यांकन	पूर्णांक
चौथा	1	पाश्चात्य काव्यशास्त्र	80	20	100
	2	छायागदोत्तर काव्य	80	20	100
	3	पत्रकारिता प्रशिक्षण	80	20	100
	4	लोक साहित्य, छत्तीसगढ़ी भाषा का साहित्य	80	20	100
				योग	400
				कुल योग	1600

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अटल बिहारी वाजपेयी विश्वविद्यालय, बिलासपुर(छत्तीसगढ़)

सेमेस्टर पाठ्यक्रम

एम.ए. इतिहास

टीप :- एम.ए. इतिहास सेमेस्टर पद्धति में सेमेस्टर I एवं II में तीन अनिवार्य प्रश्न पत्रों के अतिरिक्त परीक्षार्थियों को कोई एक वैकल्पिक प्रश्न पत्र का चयन करना होगा। प्रत्येक प्रश्न पत्र 100-100 अंकों का होगा। 100 अंकों में 80 अंक सैद्धांतिक एवं 20 अंक आंतरिक मूल्यांकन के होंगे।

प्रथम सेमेस्टर SEMESTER I

प्रश्न पत्र	प्रश्न पत्र का नाम	पूर्णांक	सैद्धांतिक	आंतरिक मूल्यांकन
I	इतिहास पद्धतियां (अनिवार्य) Historical Methods (Compulsory)	100	80	20
II	आधुनिक विश्व (अनिवार्य) Modern world (Compulsory)	100	80	20
III	प्राचीन एवं मध्यकालीन छत्तीसगढ़ (अनिवार्य) Ancient and Medieval Chhattisgarh (Compulsory)	100	80	20
OPTIONAL IV (A)	ग्रेट ब्रिटेन का इतिहास 1815-1885 History of Great Britain 1815-1885	100	80	20
OPTIONAL IV (B)	चीन और जापान का इतिहास 1800-1911 History of China & Japan 1800-1911	100	80	20
OPTIONAL IV (C)	भारतीय इतिहास में नारी-प्राचीन एवं मध्यकालीन Women in Indian History in Ancient Medieval Period	100	80	20
TOTAL				400

द्वितीय सेमेस्टर SEMESTER II

प्रश्न पत्र	प्रश्न पत्र का नाम	पूर्णांक	सैद्धांतिक	आंतरिक मूल्यांकन
I	इतिहास लेखन (अनिवार्य) Historiography (Compulsory)	100	80	20
II	समकालीन विश्व (अनिवार्य) Contemporary world (Compulsory)	100	80	20
III	आधुनिक छत्तीसगढ़ (अनिवार्य) Modern Chhattisgarh (Compulsory)	100	80	20
OPTIONAL IV (A)	आधुनिक इंग्लैण्ड 1885-1956 Modern England 1885-1956	100	80	20
OPTIONAL IV (B)	चीन और जापान का इतिहास 1911-1950 History of China & Japan 1911-1950	100	80	20
OPTIONAL IV (C)	आधुनिक भारत में नारी Women in Modern India	100	80	20
TOTAL				400

— श्री —



अटल बिहारी वाजपेयी विश्वविद्यालय, बिलासपुर(छत्तीसगढ़)

सेमेस्टर पाठ्यक्रम
एम.ए. इतिहास

टीप :- एम.ए. इतिहास सेमेस्टर पद्धति में सेमेस्टर III एवं IV में परीक्षार्थियों को निम्नलिखित खण्ड-अ एवं खण्ड-ब में से किसी एक खण्ड का चयन कर उसके दोनों प्रश्न पत्रों को हल करना होगा। उपरोक्त 4 वैकल्पिक प्रश्न पत्रों में से परीक्षार्थियों को सरल क्रमांक 1, 3 में से कोई एक एवं 2, 4 में से कोई एक वैकल्पिक प्रश्न पत्रों का चयन करना होगा। सभी प्रश्न पत्रों में 100-100 अंक होंगे। 100 अंकों में 80 अंक सैद्धांतिक एवं 20 अंक आंतरिक मूल्यांकन के होंगे।

तृतीय सेमेस्टर SEMESTER III

प्रश्न पत्र	प्रश्न पत्र का नाम	पूर्णांक	सैद्धांतिक	आंतरिक मूल्यांकन
खण्ड अ : मध्यकालीन भारत				
SECTION A : MEDIEVAL INDIA				
I	सल्तनतकालीन भारतीय राजनय एवं अर्थव्यवस्था (1200 से 1526 ई. तक) Indian polity and economy in Sultanate period (1200-1526 A.D.)	100	80	20
II	सल्तनती कालीन समाज एवं सांस्कृति (1200 से 1526 ई.) Society and culture in Sultanate Period (1200-1526 A.D.)	100	80	20
खण्ड ब : आधुनिक भारत				
SECTION B : MODERN INDIA				
I	आधुनिक भारत 1757 ई. से 1857 ईतक (राजनीतिक, प्रशासनिक) Modern India 1757 A.D. to 1857 A.D. (Political, Administrative)	100	80	20
II	आधुनिक भारत 1757 ई. से 1857 ई. तक (आर्थिक, सामाजिक, सांस्कृतिक) Modern India 1757 A.D. to 1857 A.D. (Economic, Social, Cultural)	100	80	20
वैकल्पिक प्रश्न पत्र (OPTIONAL PAPER)				
OPTIONAL I	भारतीय राष्ट्रीय आंदोलन का इतिहास (1857 से 1922 ई. तक) History of National Movement (1857 to 1922 A.D.)	100	80	20
OPTIONAL II	भारत का सांस्कृतिक इतिहास (प्रारंभ से 1526 ई. तक) Cultural History of India (Beginning to 1526 A.D.)	100	80	20
OPTIONAL III	भारतीय संविधान और शासन व्यवस्था Indian Constitution and Administrative System	100	80	20
OPTIONAL IV	पर्यटन सिद्धांत Tourism Theory	100	80	20



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सेमेस्टर पाठ्यक्रम

एम.ए. राजनीति विज्ञान (M.A. POLITICAL SCIENCE)

SCHEME OF EXAMINATION & DISTRIBUTION OF MARKS

SEMESTER - I

क्र.	प्रश्नपत्र का नाम	Internal Assessment	Term End Exam	Total Marks
1.	पाश्चात्य राजनीतिक चिंतन	20	80	100
2.	तुलनात्मक राजनीति	20	80	100
3.	लोक प्रशासन	20	80	100
4.	अंतर्राष्ट्रीय राजनीति	20	80	100

SEMESTER - II

क्र.	प्रश्नपत्र का नाम	Internal Assessment	Term End Exam	Total Marks
1.	आधुनिक भारतीय राजनीतिक चिंतन	20	80	100
2.	साम्राज्यीक राजनीतिक मुद्रण	20	80	100
3.	शोध प्रक्रिये	20	80	100
4.	अंतर्राष्ट्रीय संगठन	20	80	100

SEMESTER - III

क्र.	प्रश्नपत्र का नाम	Internal Assessment	Term End Exam	Total Marks
1.	भारतीय शासन व राजनीति	20	80	100
2.	भारत की विदेश नीति—सिद्धांत व व्यवहार	20	80	100
3.	अंतर्राष्ट्रीय कानून	20	80	100
4.	भारत में संघातक प्रणाली	20	80	100

SEMESTER - IV

प्रश्नपत्र क्रमांक	प्रश्नपत्र का नाम	Internal Assessment	Term End Exam	Total Marks
1.	भारत में राज्यों की राजनीति	20	80	100
2.	राजनय के सिद्धांत व व्यवहार	20	80	100
3.	मनव अधिकार – समस्याएं व संभावनाएं	20	80	100
4.	भारत में स्थानीय स्वशासन	20	80	100



बिलासपुर विश्वविद्यालय, बिलासपुर (छत्तीसगढ़)

**SEMESTER SYLLABUS
M.A. ECONOMICS**

SCHEME OF EXAMINATION AND DISTRIBUTION OF MARKS

At post graduate level candidate required to study 16 compulsory papers and 4 optional papers during 4 Semesters. There shall be 04 compulsory papers and 01 optional paper in I, II, III & IV semester.

Note: It is compulsory for the candidate to qualify first question paper of any one group of the optional paper in semester-I. Similarly one has to qualify the second question paper of the same group in semester-II. In the same way in semester-III & IV it is compulsory for the candidate to qualify both the question paper of any other group.

SEMESTER-I

Paper No.	Title of the Paper	Internal Assessment	Term End Exam	Total Marks
1.	Micro Economic Analysis	20	80	100
2.	Quantitative Methods	20	80	100
3.	Indian Economic Policy	20	80	100
4.	International Trade & Finance	20	80	100
OPTIONAL (Choose Any one Group)				
5.	Group A 1. Industrial Economics	20	80	100
5.	Group B 1. Labour Economics	20	80	100
5.	Group C 1. Demography	20	80	100
5.	Group D 1. Agriculture Economics	20	80	100
5.	Group E 1. Computer Application in Economic analysis	20	80	100
TOTAL,				500

SEMESTER-II

Paper No.	Title of the Paper	Internal Assessment	Term End Exam	Total Marks
1.	Micro Economic Analysis	20	80	100
2.	Research Methodology and Computer Application	20	80	100
3.	Indian Economic Policy	20	80	100
4.	International Trade & Finance	20	80	100
OPTIONAL (Choose Any one Group)				
5.	Group A 2. Industrial Economics	20	80	100
5.	Group B 2. Labour Economics	20	80	100
5.	Group C 2. Demography	20	80	100
5.	Group D 2. Agriculture Economics	20	80	100
5.	Group E 2. Computer Application in Economic analysis	20	80	100
TOTAL				500



बिलासपुर विश्वविद्यालय, बिलासपुर (छत्तीसगढ़)

**SEMESTER SYLLABUS
M.A. ECONOMICS**

SEMESTER-III.

Paper No.	Title of the Paper	Internal Assessment	Term End Exam	Total Marks
1.	Macro Economic Analysis	20	80	100
2.	Public Economics	20	80	100
3.	Economics of Growth	20	80	100
4.	Environmental and Welfare Economics	20	80	100
OPTIONAL (Choose Any one Group)				
5.	Group A 1. Industrial Economics	20	80	100
5.	Group B 1. Labour Economics	20	80	100
5.	Group C 1. Demography	20	80	100
5.	Group D 1. Agriculture Economics	20	80	100
5.	Group E 1. Computer Application in Economic analysis	20	80	100
TOTAL				500

SEMESTER-IV.

Paper No.	Title of the Paper	Internal Assessment	Term End Exam	Total Marks
1.	Macro Economic Analysis	20	80	100
2.	Public Economics	20	80	100
3.	Economic Development and Planning	20	80	100
4.	Economics of Social Sector	20	80	100
OPTIONAL (Choose Any one Group)				
6.	Group A 2. Industrial Economics	20	80	100
5.	Group B 2. Labour Economics	20	80	100
5.	Group C 2. Demography	20	80	100
5.	Group D 2. Agriculture Economics	20	80	100
5.	Group E 2. Computer Application in Economic analysis	20	80	100
TOTAL				500
Grand Total				2000



बिलासपुर विश्वविद्यालय, बिलासपुर (छत्तीसगढ़)

SEMESTER SYLLABUS

M.A. ENGLISH

SCHEME OF EXAMINATION & DISTRIBUTION OF MARKS

SEMESTER - I

Paper No.	Title of the Paper (s)	Internal Assessment	Term End Exam	Total Marks
1.	Poetry -I (From Chaucer To Blake)	20	80	100
2.	Drama -I	20	80	100
3.	Prose	20	80	100
4.	Fiction	20	80	100

SEMESTER - II

Paper No.	Title of the Paper (s)	Internal Assessment	Term End Exam	Total Marks
1.	Poetry -II	20	80	100
2.	Drama - II	20	80	100
3.	Modern Literature (Poetry and Prose)	20	80	100
4.	Fiction And Short Stories	20	80	100

SEMESTER - III

Paper No.	Title of the Paper (s)	Internal Assessment	Term End Exam	Total Marks
1.	Critical Theory	20	80	100
2.	Indian Literature	20	80	100
3.	American Literature	20	80	100
4.	Optional (Any one)	20	80	100
	1. History of English Literature			
	2. Linguistics			

SEMESTER - IV

Paper No.	Title of the Paper (s)	Internal Assessment	Term End Exam	Total Marks
1.	Literature in Translation	20	80	100
2.	Diaspora and Dalit Literature	20	80	100
3.	World Literature	20	80	100
4.	Optional (Any one)	20	80	100
	1. Colonial and Post Colonial Literature			
	2. Gender Studies			

AL
Principal



ATAL BIHARI VAJPAYEE VISHWAVIDYALAYA BILASPUR (C.G.)

SEMESTER SYLLABUS

M.A. GEOGRAPHY

M.A. GEOGRAPHY SEMESTER - IV

ADVANCE CARTOGRAPHY

1. **Thematic maps :**
Choropleth, Isopleth, Dot method, flow map-
2. **Geological Maps:**
Basic definition, Interpretation Conformable series and unconformable series
3. **Remote sensing:**
Fundamental of Remote sensing, Components of Image Interpretation
4. **GIS :**
An overview of GIS Software, Elements of GIS
5. **Computer Cartography :**
Advantages of computer cartography, Creation of Graphs and Maps.

SUGGESTED READING :

- 1- American Society of Photogrammetry : Manual of Remote Sensing, ASP, Falls Church V.A., 1983.
- 2- Barrett E.G. and L.F. Curits : Fundamentals of Remote sensing and AIR photo Interpretation on, Memillan, New York, 1992.
- 3- Campbell J. : Introduction of Remote Sensing, Guilford, New York, 1989.
- 4- Curran, Paul J. : Principles of Remote Sensing, Longman, London 1985.
- 5- Burrough P.A. Principles of Geographic Information systems of Land Reson Assessment Oxford University Press, New York 1986.
- 6- चैनियाल, देवीदत्त रु सुदूरसंगेदन एवं भौगोलिक सूचना प्रणाली

M.A., Geography Semester-IV shall consist the following papers :

1. The M.A. Semester - IV examination in Geography shall consist of 500 marks.
2. The theory papers shall be of three hours duration.
3. Candidates will be required to pass separately in theory and practical examination.
4. a) In the practical examination the following shall be allotment of time and marks.

i) Lab work (up to three hours)	70% Marks
(Lab work 25% and viva 5%)	
ii) Practical Record	20% Marks
iii) Viva	10% Marks
- b) The external and internal examiners shall jointly submit marks.
- c) All the candidates shall present at the time of the practical examination their practical record regularly signed by the teachers concerned.

SKL
Principal
Govt. J.P. Verma P.G. Arts & Commerce College
Bilaspur (C.G.)



अटल बिहारी वाजपेयी विश्वविद्यालय, बिलासपुर(छत्तीसगढ़)

सेमेस्टर पाठ्यक्रम

M.Com.

SCHEME OF EXAMINATION & DISTRIBUTION OF MARKS

SEMESTER - I

Paper No.	Title of the Paper (s)	Internal Assessment	Term End Exam	Total Marks
1.	प्रबंधकीय अर्थशास्त्र Managerial Economics	20	80	100
2.	वृहत् (उच्चतर) लेखांकन Advanced Accounting	20	80	100
3.	प्रबंधकीय लेखांकन Management Accounting	20	80	100
4.	सांख्यकीय विश्लेषण Statistical Analysis	20	80	100
5.	नियासित विधि संरचना Corporate Legal Framework	20	80	100
TOTAL				500

SEMESTER - II

Paper No.	Title of the Paper (s)	Internal Assessment	Term End Exam	Total Marks
1.	व्यापासायिक अर्थशास्त्र Business Economics	20	80	100
2.	विशेषित कृतलेखांकन Specialised Accounting	20	80	100
3.	प्रबंधकीय नियर्णों के लिए लेखांकन Accounting for Managerial Decision	20	80	100
4.	उच्चतर सांख्यिकी Advance Statistics	20	80	100
5.	व्यापासायिक सन्नियम Business Law	20	80	100
TOTAL				500

SEMESTER - III

Paper No.	Title of the Paper (s)	Internal Assessment	Term End Exam	Total Marks
1.	प्रबंध की अवधारणा Management Concept	20	80	100
2.	संगठनात्मक व्यवहार Organisational Behaviour	20	80	100
3.	उच्चतर लागत लेखांकन Advance Cost Accounting	20	80	100
4.	आयकरविधान एवं लेखे Income Tax Law and Accounts	20	80	100
5.	कर नियोजन एवं प्रबंध Tax Planning and Management	20	80	100
TOTAL				500



अटल बिहारी वाजपेयी विश्वविद्यालय, बिलासपुर(छत्तीसगढ़)
सेमेस्टर पाठ्यक्रम
M.Com.

M.Com. - Semester IV

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

Choice Based – Specialization

- (A) Marketing
- (B) Management
- (C) Banking and Insurance

Optional Group- (A) Marketing

Paper No.	प्रश्न पत्र का नाम	Internal Assessment	Term End Exam	Total Marks
1.	विपणन के सिद्धांत Principal of Marketing	20	80	100
2.	विज्ञापन एवं विक्रय Advertising & Sales Management	20	80	100
3.	विपणन अनुसंधान Marketing Research	20	80	100
4.	अंतर्राष्ट्रीय विपणन International Marketing	20	80	100

Optional Group- (B) Management

Paper No.	प्रश्न पत्र का नाम	Internal Assessment	Term End Exam	Total Marks
1.	वित्तीय प्रबंध Financial Management	20	80	100
2.	कार्यकार्य Personal Management	20	80	100
3.	उत्पादनप्रबंध Production Management	20	80	100
4.	द्वारा वित्तीय प्रबंध Strategic Management	20	80	100

Optional Group- (C) Banking and Insurance

Paper No.	प्रश्न पत्र का नाम	Internal Assessment	Term End Exam	Total Marks
1.	बैंकिंग चायहार Banking Practices	20	80	100
2.	भारत के बैंकिंग संस्थाएं Banking Institution in India	20	80	100
3.	जीवन बीमा Life Insurance	20	80	100
4.	सामान्य बीमा	20	80	100