

DEPARTMENT OF GEOGRAPHY

COURSE CURRICULUM & MARKING SCHEME

M.A. GEOGRAPHY

Semester – I

SESSION : 2022-23



ESTD: 1958

GOVT. V.Y.T. PG AUTONOMOUS COLLEGE, DURG, 491001 (C.G.)

(Former Name – Govt. Arts & Science College, Durg)

NAAC Accredited Grade A⁺, College with CPE - Phase III (UGC), STAR COLLEGE (DBT)

Phone : 0788-2212030

Website - www.govtsciencecollegedurg.ac.in, Email – autonomousdurg2013@gmail.com

**GOVT. V.Y.T. P.G. AUTONOMOUS COLLEGE
DURG (C.G.)**

SYLLABUS

FOR

P.G. GEOGRAPHY
SEMESTER EXAMINATION
M. A. SEM. EXAM. : I (2022-2023)

APPROVED BY BOARD OF STUDIES
DEPTT. OF GEOGRAPHY

Syllabus and Marking Scheme for M.A. First Semester
Session 2022-23

| Paper No. | Title of the Paper | Marks Allotted in Theory | | Marks Allotted in Internal Assessment | | Credits |
|-----------|---------------------------------|--------------------------|-----|---------------------------------------|------|-----------|
| | | Max | Min | Max. | Min. | |
| I | GEOMORPHOLOGY | 80 | 16 | 20 | 04 | 05 |
| II | ECONOMIC GEOGRAPHY | 80 | 16 | 20 | 04 | 05 |
| III | REGIONAL GEOGRAPHY OF INDIA | 80 | 16 | 20 | 04 | 05 |
| IV | HISTORY OF GEOGRAPHICAL THOUGHT | 80 | 16 | 20 | 04 | 05 |
| V | Practical : ADVANCE CARTOGRAPHY | 100 | 36 | | | 04 |
| | Total | 420 | | 80 | | 24 |

| | | |
|-------------------------|---|------------|
| 04 Theory papers | - | 320 |
| 04 Internal Assessments | - | 80 |
| 01 Practical | - | 100 |
| (A) Lab Work | - | 70 |
| (B) Record & Viva | - | 30 |
| Total Marks | - | 500 |

Note: 1. 20 marks = 01 credit in Theory Papers and 25 Marks = 01 Credit in Practical/Project work

The syllabus for M.A. GEOGRAPHY is hereby approved for the sessions 2022-23

Name and Signatures

| | |
|---------------------------|----------------------|
| Chairperson / H.O.D | Departmental members |
| Subject Expert | 1. |
| Subject Expert | 2. |
| Subject Expert | 3. |
| Subject Expert | 4. |

GOVT. V.Y.T. PG. AUTONOMOUS COLLEGE DURG

M.A.I Semester Geography

Session 2022-23

PAPER – I

GEOMORPHOLOGY

M . M. 80

Unit – I

Introduction and Evolution:

1. Nature and scope of geomorphology: Meaning & Definition, Field and Scope of Geomorphology.
2. Fundamental concepts in Geomorphology: Bases of Geomorphic Theories: Teleological, imminent, Historical, Taxonomic, functional, Realist and Conventionalist concept of Uniformitarianism by Hutton,
3. Geological structure and land forms: Igneous, Sedimentary and Metamorphic Rocks.
4. Age of the earth, Geological time scale.

Unit –II

Earth Movements:

5. Epeirogenic and Orogenic & resulting landforms
6. Isostasy- view of Pratt, Airy, Hayford & Bowie, Joly, Arthur Holmes,
7. Plate-tectonic theory: Concept, Sea floor spreading
8. Earthquake: causes and world distribution,
9. Volcano: Types of volcano, Intrusion & Extrusion Topography.

Unit – III

Exogenic Processes & Concept of Gradation:

10. Weathering and Mass movement: Meaning, Factors controlling Weathering, types of weathering .
11. Mass movement: Meaning, Solifluction, Landslide, Mud flow and related Land forms.
12. Erosional and depositional processes and resulting landforms: Karst, Arid and Glacial.

13. Slope Analysis & evolution: Introduction, Genetic Classification of slope, Elements of slope, Quantitative classification of slope.

Theories of slope evolution by Penk and Wood.

Unit – IV

Geomorphic Processes concepts and applications:

14. Geomorphic cycle concept of Davis and Penk,

15. Erosion surface: Meaning, identification, correlation and Dating

16. Applied geomorphology: Definition & scope of applied Geomorphology, Hydro-Geomorphology, Urban-Geomorphology, Geomorphic Hazards & Management.

Suggested Readings

1. Chorley, R.J. : Spatial Analysis in geomorphology, Methuen, London, 1972.
2. Goudie, A; The Nature of the environment, oxford & Blackwell, London, 1993.
3. Sharma H.S. (ed) : Perspective in geomorphology, Concept, New Delhi, 1980.
4. Singh, S. : geomorphology, Prayag publication, Allahabad, 1998.
5. Thornbury, W.D. : Principles of geomorphology, Jhonwilley, New York, 1960.
6. सिंह , सविन्द्र. भू- आकृति वि गान, भारदा पुस्तक भवन. इलाहाबाद
7. गौतम ,अलका : भू – आकृति वि गान ,रस्तोगी पब्लिके ान ,मेरठ
8. भार्मा ,एच. एस एवं प्रमीला कुमार : भू –आकृति वि गान ,पंच गील प्रका ान ,जचपुर ,2011

DIRECTIVES FOR STUDENTS, FACULTY AND EXAMINERS

There should be very short, short and long answer type of questions in each and every Unit of the syllabus.

The syllabus for M.A.

GEOGRAPHY is hereby approved for the sessions 2022-23.

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| Chairperson/H.O.D. | BM 25.7.22 | 1. | JW |
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Govt. V.Y.T. PG Autonomous College, Durg (C.G.)

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1. The question paper will be of **80 marks** (as before)
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(Answer in one or two sentences) (02 Marks)
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 - Q.3 Short answer type question (Answer in 200-250 words) (04 Marks)
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| Type of Question | Unit-I | Unit-II | Unit-III | Unit-IV |
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Note:

1. Question no. 1 and Question 2 will be compulsory.
2. Question no. 3 and 4 will consist of 2 optional questions of which one has to be attempted.
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Thus there will be questions of 20 marks from each unit and of total 80 marks from all the four units of the syllabus/syllabi.
4. Some papers of English Literature consist of Literary Text. In such question papers, one annotation of 4 marks from each unit will be asked instead of short answer type question. The papers which do not contain literary texts the question paper format and marking scheme will remain the same.
5. For Hindi Literature, refer the Hindi version.
6. Internal Assessment Examination will be as follows :
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GOVT. V.Y.T. PG. AUTONOMOUS COLLEGE DURG

M.A.I Semester Geography

Session 2022-23

PAPER – II

ECONOMIC GEOGRAPHY

M . M. 80

Unit – I

- 1 .Meaning, Definition & Scope of economic geography.
- 2 .Recent trends in economic geography.
- 3 . Relation of economic geography with other branches of social sciences,
- 4 . Classification of the sectors of economy (primary, secondary and tertiary).

Unit – II

5. Factors of location of economic activities: physical, social, economic and Cultural.
6. Concept and techniques of delimitation of agricultural regions,
7. Crop combination and diversification;
8. Von Thunen's model and its modification.

Unit – III

9. Classification of Industries: Theories of Industrial location – Weber and Losch.
10. Case study of selected Industries: Iron and Steel, Aluminum & Cotton Textiles.
11. Models of transportation and transport cost accessibility and connectivity;
12. Typology of market, market system in urban economy, role of market in the Development of trade and commerce.

Unit – IV

- 13 . Economic development of India, Regional disparities.
14. Impact of Green revolution on Indian economy.
15. Impact of White revolution on Indian economy.
16. Globalization and Indian economy and its impact on environment.

Suggested Reading

1. Barry, J.L.: Geography of Market Centers and Retail Distribution, Prentice Hall, New York, 1967.
2. Chhatarjee, S.P. : Economic Geography of Asia, Allied Book Agency, Calcutta- 1984.
3. Chorley, R.J. and Haggett. P (Ed) Network Analysis in geography: Arnold, 1969.
4. Rebertsop, D. (ed.) : Globalization ondb Enviroment, e. elgarCo. U.K. 2001.
5. Singh J. and Dhillon. S.S. : Agriculture Geography, McGraw Hill, India, New Delhi 1984.
6. Symons, h. : Agricultural Geography : Bell and sons, London, 1972.
7. Wheeler, J.O.et. al. : Economic Geography : John Willy, New York,1995.
8. गौतम ,अलका : आर्थिक भूगोल के मूल तत्व , भारदा पुस्तक भवन , इलाहाबाद
9. राव,,बी.पी. : संसाधन और पर्यावरण ,वसुन्धरा प्रका न गोरखपुर ,2010

DIRECTIVES FOR STUDENTS, FACULTY AND EXAMINERS

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M.A.I Semester Geography

Session 2022-23

PAPER – III

REGIONAL GEOGRAPHY OF INDIA

M . M. 80

Unit – I

Natural Characteristics:

1. An over view of India in the context of Asia and the world.
2. Major Physical features and their characteristics.
3. Regional and seasonal variation of Climate: Indian monsoon origin and related Theories
4. Climatic division of India.
5. Drainage System of India & their significances
6. Natural Vegetation Types and their distribution

Unit – II

Resources: Reserves, production and problems of conservation of following major resources and their conservation:-(1,2,3)

7. Mineral – Iron, Copper, Bauxite.
8. Power of resources – Coal, Petroleum, Hydroelectricity, Atomic power.
9. Forest Resources: Major & Minor.
10. Population Resources: Growth, distribution and Density with special reference to post independence period.

Unit – III

An over view of Indian Economy and its Impact:

11. Agricultural growth of India in Plan Periods and its impact on Indian Economy.
12. Major crops: Rice, Wheat, Maize, Pulses, Sugarcane, jute, Tea,
13. Agricultural regions of India

14. Industry: Industrial development of India an overview.

15. Localisation factors and spatial pattern of major industries in India: –

I. Iron & Steel,

II Cement,

III. Cotton Textiles,

IV. Jute.

Unit – IV

Regions of India:

16. Industrial regions of India.

17. Regional divisions of India :

I. By O.H.K.spate.

II. By R.L.singh.

18 : Detailed study of :

I. Narmada Basin,

II. Marusthali.

III. Chhattisgarh Basin.

IV. Bastar Plateau

Suggested Reading

1. Deshpande, C.D. ; India – A Regional Interpretation, ICSSR Northern Book Centre, New Delhi.
2. Singh, Jagdish ; India Gyanodaya, Gorakhpur.
3. Singh, R.L. , ed India – A Regional Geography. National Geographical Society of India. Varanasi 1971.
4. Singh R.L. (ed) ; India A – Regional Geography, National Geographical Society, India VARANASHI, 1971.
5. Tirtha R. & Gopal Krishna, Emerging India Reprinted by Rawat, Publication Jaipur.
6. बंसल सुो ाचंद , भारत का भूगोल ,मिनाश्री प्रका ान मेर
7. वर्मा ,रामविलास , भारत : एक भौगोलिक विवेचन

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M.A.I Semester Geography

Session 2022-23

PAPER – IV

HISTORY OF GEOGRAPHICAL THOUGHT

M . M. 80

Unit – 1

- 1 : The field of geography, its place in the Classification of Sciences.
- 2 : Geography as a social science and natural Science.
- 3 : Selected concepts in the philosophy of Geography – Functionalism,
- 4 : Realism & Idealism.

Unit – 2

- 5 : Dualisms in Geography :- systematic & regional geography
- 6 : Physical & human geography.
- 7 : Regional geography :- Concept of region, types of Region : Geographical – Physical & cultural.
- 8: Regionalization and the regional method, delimitation.

Unit – 3

- 9: The quantitative revolution, responses to positivism, behaviourism, humanistic Geography.
- 10: Historical Development:- Contributions of different Scholars during ancient Greek & Roman – Homer, Herodotus, Strabo & Tolmy.
- 11 : Historical Development:- Contributions of different Scholars during ancient Ancient Indian – Aryabhata, Brahmagupta.
- 12 : Medieval (The Great Age of Maritime, Discovery and Exploration).

Unit - 4

13 : Modern period German School – A. V. Humbolt, Carl Ritter. Friedrich Ratzel.

14 : French School – Vidal-De-Blache, Jean Brunhes.

15 : British School – H.J. Mackinder, L.D. Stamp.

16: American School - E. C. Semple, G. Taylor, Geography in the 20th Century.

Suggested Reading

1. Dikshit, R.D. (ed.) : The Art & Science of Geography Integrated Readings ,prentice Hall of India, New Delhi, 1994.
2. Hartshome, R. : perspectives on Nature of Geography, Rand MoNALLY & Co. 1959.
3. Husain, M. : Evolution of Geographic Thout, Rawat Pub, Jaipur, 1984.
4. Johnston, R.J. : The Future of Geography, Methuen, London, 1988.
5. Minshull, R. 5:The Changing Nature og Geography, Hutchinson University Library London, 1970.

6 सिंह ,जगदी 1 : भौगोलिक चिंतन का कम विकास ,आर. के. बुथ्स ,नई दिल्ली ,2010

7 हुसैन माजिद : भौगोलिक चिंतन का इतिहास ,रावत पब्लिके ान ,नई दिल्ली 2004

8 श्रीवास्तव ,वी. के. : भौगोलिक चिन्तन के आधार , आर. के. बुक्स नई दिल्ली

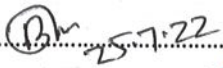

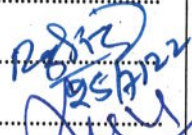
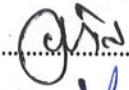


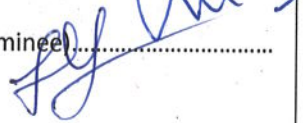

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M.A.I Semester Geography

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PAPER – V

PRACTICAL 1: ADVANCE CARTOGRAPHY

M . M. 100

Unit – I : Graphs and Diagrams: - Triangular Graph, Logarithmic and Semi Logarithmic graphs, Scatter graphs, and Climatograph.

Unit – II : Proportional circles, spheres and cubes diagram

Unit – III : Thematic Maps :- Chorocromatic, Choropleth, Dot maps, Flow maps.

Unit –IV : Morphometric Analysis: - Profiles.

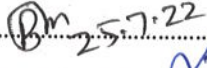


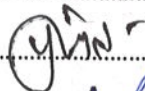

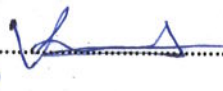


Unit – V : Slope Analysis, Drainage analysis, Block Diagrams.

Suggested Readings

1. Greogory, S. Statistical Methods and the Geographers, Longman, London, 1978.
2. Hammond R. and P.S. Mc Cullah ; Quantitive Techniques in Geography : An Introduction . Clarendanpress, Oxfrod, 1974.
3. हीरालाल : प्रायोगिक भूगोल , किताब धर कानपुर
- 4 . चौहान , पी. आर . : प्रयोगात्मक भूगोल , वसुन्धरा प्रकाशन , गोरखपुर , 2009

The syllabus for M.A. GEOGRAPHY is hereby approved for the sessions 2022-23

Name and Signatures

| Name and Signatures | | Departmental members | |
|---|---|----------------------|---|
| Chairperson/H.O.D. |  | 1. |  |
| Subject Expert (University Nominee) |  | 2. |  |
| Subject Expert (College Nominee) |  | 3. |  |
| Subject Expert (College Nominee) |  | 4. |  |

Govt. V.Y.T. PG Autonomous College, Durg (C.G.)

Autonomous Examination Cell

Question Paper Format and Distribution of Marks for PG Semester Examination

Question paper format for the Post-Graduate Examination has been revised from the Session 2018-19. The revised format will be applicable for all the question papers of Semester I, II, III & IV. The following are the main points of the new format:

1. The question paper will be of **80 marks** (as before)
2. Questions will be asked Unit-wise in each question paper.
3. From each Unit, the questions will be asked as follows :
 - Q.1 Very short answer type question
(Answer in one or two sentences) (02 Marks)
 - Q.2 Very short answer type question
(Answer in one or two sentences) (02 Marks)
 - Q.3 Short answer type question (Answer in 200-250 words) (04 Marks)
 - Q.4 Long answer type questions (Answer in 400-450 words) (12 Marks)

| Type of Question | Unit-I | Unit-II | Unit-III | Unit-IV |
|--|----------------------|----------------------|----------------------|----------------------|
| Very Short (2 Questions) (Maximum two sentences) | 2 x 2 = 4 Marks | 2 x 2 = 4 Marks | 2 x 2 = 4 Marks | 2 x 2 = 4 Marks |
| Short (1 Question) 200-250 words | 1 x 4 = 4 Marks | 1 x 4 = 4 Marks | 1 x 4 = 4 Marks | 1 x 4 = 4 Marks |
| Long answer (1 Question) 400-450 words | 1 x 12 = 12 Marks | 1 x 12 = 12 Marks | 1 x 12 = 12 Marks | 1 x 12 = 12 Marks |

Note:

1. Question no. 1 and Question 2 will be compulsory.
2. Question no. 3 and 4 will consist of 2 optional questions of which one has to be attempted.
3. As mentioned above, two compulsory very short answer type questions (2+2 marks), one short answer type question with internal choice (4 marks) and one long answer type question with internal choice (12 marks) will be asked from each unit.
Thus there will be questions of 20 marks from each unit and of total 80 marks from all the four units of the syllabus/syllabi.
4. Some papers of English Literature consist of Literary Text. In such question papers, one annotation of 4 marks from each unit will be asked instead of short answer type question. The papers which do not contain literary texts the question paper format and marking scheme will remain the same.
5. For Hindi Literature, refer the Hindi version.
6. Internal Assessment Examination will be as follows :
 - i. Internal Test in each paper (20 marks)
 - ii. Seminar (Power point presentation) in any one of the paper (20 marks)
 - iii. Assignment in each of the remaining papers (excluding the paper of Seminar. (20 marks)
 - iv. Average of marks obtained in internal test + seminar in any one paper and marks obtained in internal test + assignment in rest of the papers will be calculated and taken into consideration.

