

B.A. / B.Sc., GEOGRAPHY

SEMESTER – VI – W.E.F. 2017-18

THEORY AND PRACTICAL PAPERS

S.NO	TITLE	Internal Assessment	External Assessment	Maximum Marks	Total	Time(Hrs)
Elective Theory	GEOGRAPHICAL INFORMATIONAL SYSTEM(G.I.S)	25	75	100	100	3
Practical	GEOGRAPHICAL INFORMATIONAL SYSTEM(G.I.S)	Record + viva-voce + examination		50	50	3
Cluster Elective (A) Theory	REGIONAL GEOGRAPHY OF ANDHRA PRADESH	25	75		100	3
Practical	Mapping the Quantitative Data	Record + viva-voce + examination		50	50	3
Cluster Elective (B) Theory	Political Geography	25	75		100	3
Practical	PROJECTWORK ON Government policies	Record + viva-voce + examination		50	50	3
Cluster Elective (C) Theory	Geographical Thought	25	75		100	3
Practical	Surveying	Record + viva –voce + examination		50	50	3

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BOS in Geography (Comb)

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PAPER – VII - ELECTIVE

GEOGRAPHICAL INFORMATIONAL SYSTEM(G.I.S)

UNIT-I

Geographical Information System(GIS): Definition, history and development

Hardware requirements and GIS Software's

UNIT-II

Functions of GIS.

Data input methods: Keyboard, Scanners, GPS data, Aerial photographs and satellite images

Database generation: Spatial and non -spatial

UNIT-III

Definition of data, Metadata and Database. Data Base management System (DBMS).

Data types: Raster data and Vector data

Raster Data Structures Vector Data Structures

UNIT-IV

Data Analysis: Spatial Measurement Methods, Buffering and overlay

Data Models: DTM and TIN

UNIT-V

GIS Applications: land information system, navigation

Disaster management , and urban management

REFERENCES:

1. Aronoff S. Geographic Information Systems: A Management Perspective, DDL Publication Ottawa. 1989.
2. Burrough P.A . Principles of Geographic information Systems for Land Resource Assessment Oxford University Press, New York.1986.
3. Fraser Taylor D.R. Geographic information Systems. Pergamon Press, Oxford.1991.
4. Maquire D. J. M.F. Goodchild and D. W. Rhind (eds.). Geographic information Systems:Principles and Application. Taylor & Francis, Washington. 1991.
5. Mark S Monmonier . Computer-assisted Cartography. Prentice-Hall, Englewood Cliff, New Jersey, 1982.
6. Peuquet D.J. and D.F. Marble, Introductory Reading in Geographic Information Systems. Taylor & Francis, Washington.1990.
7. Star J and J. Estes. Geographic Information Systems: An Introduction. PrenticeHall, Englewood Cliff, New Jersey, 1994.
- 8.Burrough, P.A., and McDonnell, R.A. (2000) Principles of Geographical Information System-Spatial Information System and Geo-statistics.Oxford University Press
- 9.anjireddy.M.Textbook of Remote Sensing and Geographical Information System,b.s.Publishers,hydrabad,2008

MODEL QUESTION PAPER
B.A/B.Sc Degree Examination
THIRD YEAR – VI SEMESTER
GEOGRAPHY
PAPER-VII- GEOGRAPHICAL INFORMATION SYSTEM(GIS)
(Effective from 2015-2016 admitted batch)

Time: 3 hours

Max. Marks:75

Part-A

Answer any five from the following questions

(5X5 =25 Marks)

Each questions carries 5 Marks.

1. Define GIS
2. Buffering
3. Digitization
4. Types of GIS Software's
5. Database
6. Navigation
7. Metadata
8. Non-Spatial data

Part-B

Answer the following questions with internal choice

(5X10 =50 Marks)

Each questions carries 10 Marks

9. (A) A brief note on history and Development of Geographical information system(GIS)

(or)

(B) Types of GIS software's – Explain

10. (A) Database management system(DBMS) in GIS-Explain

(or)

(B) Brief note on Raster and Vector Data Structures

11. (A) Data input methods in GIS

(or)

(B) Brief note on Spatial and non-spatial Data

12. (A) Overlay Analysis Methods

(or)

(B) Triangular irregular network (TIN)Method

13. (A)GIS as Land Information System

(or)

(B) GIS application on Disaster Management

PRACTICAL PAPER – VII –GEOGRAPHICAL INFORMATION SYSTEM(GIS)

UNIT-I

Definition of GIS

Computer Hardware requirement of GIS software Functioning

UNIT-II

Types of GIS Soft Wares

UNIT-III

GIS Capabilities

UNIT-IV

Geo referencing

UNIT-V

Digitization of point ,line and polygon features

REFERENCES. Software Manuals

MODEL QUESTION PAPER
B.A/B.Sc Degree Examination
THIRD YEAR – VI SEMESTER
GEOGRAPHY

Paper: VII - GEOGRAPHICAL INFORMATION SYSTEM(GIS)
(PRACTICAL EXAMINATION)

(Effective from 2015-2016 admitted batch)

Maximum Marks:50

Time: 3 hours

Distribution of Marks

Questions – 40

Record & viva – voce =10

Total - 50

Answer all the questions:

(All questions carry equal Marks)

(4X10=40 Marks)

1. Hard ware requirements of GIS Software functioning in computers
2. GIS Capabilities
3. Digitizing point features
4. Digitizing line features
5. Record + Viva-Voce

(1X10=10 Marks)

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**SEMESTER – VI – W.E.F. 2017-18
PAPER – VIII – CLUSTER ELECTIVE**

PAPER-VIII (A): REGIONAL GEOGRAPHY OF ANDHRA PRADESH

UNIT-I

FORMATION OF ANDHRA PRADESH-2014: location Physiographic divisions,
Soils, climate regions, vegetation and drainage

UNIT-II

POPULATION: Distribution, Density Growth

Agriculture:paddy,groundnut,jowar,cotton,horticulture,vegatables

UNIT-III

IRRIGATION: Major,AndMinor Dams lift irrigation

Canal,Tank,Well,TubewellL And Drip Irrigation

UNIT-IV

Administration Divisions: Districts ,Revenue Divisions, and MandalS

Transport: Road Railway, Air and Water transport

UNIT-V

MINARAL RESOURCES: Iron ore, lime stone, bauxite, granite, petroleum and gas

INDUSTRIES: Iron and steel, Cement Industries, cotton, state economic zones(SEZ),

References:Structure, growth and prospects of industries in andhrapradesh.lotus publications,Varanasi-1989

Regional geography of Andhra Pradesh-telugu academy

Andhrapradesh yearbook-2010-2016

TheAndhra Pradesh.Reorganising act 2014

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MODEL QUESTION PAPER
B.A/B.Sc Degree Examination
THIRD YEAR – VI SEMESTER
GEOGRAPHY

Paper: VIII(A)- REGIONAL GEOGRAPHY OF ANDHRAPRAADESH
(Effective from 2015-2016 admitted batch)

Time: 3 hours

Max. Marks:75

Part-A

Answer any five from the following questions

(5X5 =25 Marks)

Each questions carries 5 Marks.

1. Physiographic divisions of Andhra Pradesh
2. Soils of Andhra Pradesh
3. Population density
4. Horticulture development in Andhra Pradesh
5. Drip irrigation
6. Iron and steel
7. Limestone distribution in Andhra Pradesh
8. Cotton Industry in Andhra Pradesh

Part-B

Answer the following questions with internal choice

(5X10 =50 Marks)

Each questions carries 10 Marks

9. (A) Climate Regions of Andhra Pradesh
(or)
(B) Drainage system in Andhra Pradesh
10. (A) population distribution and growth in Andhra Pradesh
(or)
(B)Agriculture in Andhra Pradesh
11. (A) Irrigation methods in Andhra Pradesh
(or)
(B) Major dams in Andhra Pradesh
12. (A)Transport system in Andhra Pradesh
(or)
(B) administration divisions of Andhra Pradesh
13. (A)Cement Industries in Andhra Pradesh
(or)
(B) Distribution of petroleum and gas recourses in Andhra Pradesh

PRACTICAL PAPER-VIII(A): MAPPING THE QUANTITATIVE DATA

1. Population Distribution of Andhra Pradesh –Dot Method
2. .Population Distribution of Andhra Pradesh-choroplethMAP
3. Crop production of Andhra Pradesh- isopleths method
4. crop combination-weavers deviation method

REFERENCES.

1. Singh, R.L: *Map Work and practical geography*, central book depot Allahabad, 1972
2. Khan, z. a: *Textbook of practical geography: concept publications, new delhi*
3. Misra, R.P AND Ramesh: *Fundamentals of cartography, concept publications, new delhi.*

MODEL QUESTION PAPER
B.A/B.Sc Degree Examination
THIRD YEAR – VI SEMESTER
GEOGRAPHY

Paper: VIII(A)- MAPPING THE QUANTITATIVE DATA
(PRACTICAL EXAMINATION)

(Effective from 2015-2016 admitted batch)

Maximum Marks:50

Time: 3 hours

Distribution of Marks

Questions – 40

Record & viva – voce =10

Total - 50

Answer all the questions:

(All questions carry equal Marks)

(4X10=40 Marks)

1. Population distribution of Andhra Pradesh for given data
2. Population density of Andhra Pradesh for given data
3. Crop production of Andhra Pradesh by using choropleth method for given data
4. Crop combination of Andhra Pradesh by using weavers method for given data
5. Record + Viva-Voce (1X10=10 Marks)

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**SEMESTER – VI – W.E.F. 2017-18
PAPER – VIII – CLUSTER ELECTIVE**

PAPER-VIII (B): POLITICAL GEOGRAPHY

UNIT-I

2.1 Nature, Scope, Content and Evolution of Political Geography, Relation with other branches of Social Sciences Politics, Power and Political Geography: Nation, State and Territory as the central organising principle of Political Geography Evolution of Political Geography: Classical Phase - Ratzel, German Geopolitics Mackinder and Spykeman, Modern Phase (1930 - 1970), Postmodern Phase - (After1970)

UNIT-II

Indian Political Structure Colonial Structure of India, Bases of Reorganization of Indian States since Independence, Local Self-Governance Federalism, Centre - State Relations, Basic Structure of India's Constitution

UNIT-III

Inter-State Disputes, Socio-Political and Regional Aspirations and Movements in India, Creation of New States

UNIT-IV

Electoral Geography and Election System in India, Gerrymandering

UNIT-V

Understanding social and political theories and concepts through popular texts: Mahabharata (Vyas Deva), Arthashastra (Kautilya), Raktakarabi (Rabindranath Tagore), The Prince (Niccolo Machiavelli), 1984 (George Orwell), The Wealth of Nations (Adam Smith), Das Kapital (Karl Marx), Orientalism (Edward Said)

SUGGESTED READINGS:

1. Agnew, J., (2002): Making Political Geography, Arnold, London
2. Agnew, J., Mitchell, K. and Toal, G. (eds.) (2003): A Companion to Political Geography, Blackwell, Oxford
3. Cohen, S. (1964): Geography and Politics in a World Divided, Random House, New York
4. Cox, K.R., Low, M. and Robinson, J. (2008): The SAGE Handbook of Political Geography, SAGE Publications Ltd., London
5. Cox, K.R., (2002): Political Geography: Territory, State and Society, Wiley-Blackwell, Chichester
6. de Blij, H.J. and Glassner, M. (1968): Systematic Political Geography, John Wiley & Sons, New York
7. Dikshit, R.D. (1987): Political Geography and Geopolitics, Tata McGraw Hill, New Delhi
8. Dikshit, R.D. (2000): Political Geography: A Contemporary Perspective, Prentice-Hall, New Delhi
9. Gallaher, C., Dahlman, C.T., Gilmartin, M., Mountz, A. and Shirlow, P. (2009): Key Concepts in Human Geography: Key Concepts in Political Geography, SAGE Publications Ltd., London
10. Glassner, M., (1993): Political Geography, John Wiley & Sons, New York
11. Jones, M., (2004): An Introduction to Political Geography: Space, Place and Politics, Routledge, London
12. Mathur, H.M. and Cernea, M.M. (eds.) (1995): Development, Displacement and Resettlement - Focus on Asian Experience, Vikas Publishing House Ltd., New Delhi
13. Painter, J. and Jeffrey, A., (2009): Political Geography, SAGE Publications Ltd., London
14. Prescott, J.R.V. (1972): The Political Geography, Methuen, London
15. Taylor, P. and Flint, C. (2000): Political Geography, Pearson Education, Harlow, Essex

MODEL QUESTION PAPER
B.A/B.Sc Degree Examination
THIRD YEAR – VI SEMESTER
GEOGRAPHY
Paper: VIII(B) - POLITICAL GEOGRAPHY
(Effective from 2015-2016 admitted batch)

Time: 3 hours

Max. Marks:75

Part-A

Answer any five from the following questions

(5X5 =25 Marks)

Each questions carries 5 Marks.

1. Question
2. Question
3. Question
4. Question
5. Question
6. Question
7. Question
8. Question

Part-B

Answer the following questions with internal choice

(5X10 =50 Marks)

Each questions carries 10 Marks

9. (A) Question
(or)
(B) Question
10. (A) Question
(or)
(B) Question
11. (A) Question
(or)
(B) Question
12. (A) Question
(or)
(B) Question
13. (A) Question
(or)
(B) Question

PAPER-VIII (B): PROJECTWORK ON GOVERNMENT POLICIES

1. Reservation
2. Agriculture
3. Education
4. Industries

References.

1. Research Methodology: Methods and Techniques by C. R. Kothari, New Age International Publishers
2. Research Methodology by R. Paneer Selvam, PHI Learning Publications New Delhi, 2004
3. Fundamentals of Research Methodology and Basic Statistical Theory Paperback – 10 Dec 2010 by Amassoma Ditmi and Eberu R.M, Cambridge University Press

MODEL QUESTION PAPER
B.A/B.Sc Degree Examination
THIRD YEAR – VI SEMESTER
GEOGRAPHY

Paper: VIII (B) - PROJECT WORK ON GOVERNMENT POLICIES
(PRACTICAL EXAMINATION)

(Effective from 2015-2016 admitted batch)

Maximum Marks:50

Time: 3 hours

Distribution of Marks

Questions – 40

Record & viva – voce =10

Total - 50

Answer all the questions:

(All questions carry equal Marks)

(4X10=40 Marks)

1. Question
2. Question
3. Question
4. Question
5. Record + Viva-Voce

(1X10=10 Marks)

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**SEMESTER – VI – W.E.F. 2017-18
PAPER – VIII – CLUSTER ELECTIVE**

PAPER-VIII (C): GEOGRAPHICAL THOUGHT

UNIT-I

Nature and Evolution of Geographical Thought in the Ancient , Medieval and modern Period

UNIT-II

Contribution of arab geographers

UNIT-III

Contribution of greeks geographers

UNIT-IV

Contributions of Indian geographers

UNIT-V

Contribution of roman and German geographers

SUGGESTED READINGS:

1. Bowen, M. (1981): Empiricism and Geographical Thought, Cambridge University Press, Cambridge
2. Dickinson, R.E. (1969): Makers of Modern Geography, Routledge, London
3. Dikshit, R.D. (2004): Geographical Thought: A Critical History of Ideas, Prentice Hall of India, New Delhi
4. Freeman, T.W. (1961): A Hundred Years of Geography, Gerald Duckworth, London
5. Gregory, D. (1978): Ideology, Science and Human, Geography, Hutchinson, London

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6. Hartshorne, R. (1959): Perspectives on the Nature of Geography, Rand MacNally and Co., Chicago
7. Hartshorne, R. (1939): The Nature of Geography, Association of American Geographers, Lancaster
8. Harvey, D. (1969): Explanation in Geography, Arnold, London
9. Harvey, D. (1973): Social Justice and the City, Arnold, London
10. James, P.E. (1972): All Possible Worlds: A History of Geographical Ideas, The Odyssey Press, Indianapolis
11. Johnston, R., Gregory D., Pratt G., Watts M. and Whatmore, S. (2003): The Dictionary of Human Geography, Blackwell Publishers, Oxford
12. Johnston, R.J. (1983): Geography and Geographers, Edward Arnold, London
13. Johnston, R.J. (1985): The Future of Geography, Methuen and Company Ltd., New York
14. Johnston, R.J. and Sidaway, J.D. (2004): Geography and Geographers, Edward Arnold, London
15. Martin, G. (2005): All Possible Worlds: A History of Geographical Ideas, Oxford University Press, New York
16. Peet, R. (1998): Modern Geographical Thought, Blackwell Publishers Inc., Massachusetts
17. Soja, E. (1989): Post-modern Geographies, Verso Press, London
18. Tuan, Y. (1977): Space and Place: The Perspective of Experience, Edward Arnold, London

MODEL QUESTION PAPER
B.A/B.Sc Degree Examination
THIRD YEAR – VI SEMESTER
GEOGRAPHY
Paper: VIII(C)- GEOGRAPHICAL THOUGHT
(Effective from 2015-2016 admitted batch)

Time: 3 hours

Max.Marks:75

Part-A

Answer any five from the following questions

(5X5 =25 Marks)

Each questions carries 5 Marks.

1. Question
2. Question
3. Question
4. Question
5. Question
6. Question
7. Question
8. Question

Part-B

Answer the following questions with internal choice

(5X10 =50 Marks)

Each questions carries 10 Marks

9. (A) Question

(or)

(B) Question

10. (A) Question

(or)

(B) Question

11. (A) Question

(or)

(B) Question

12. (A) Question

(or)

(B) Question

13. (A) Question

(or)

(B) Question

PRACTICAL PAPER-VIII (C): SURVEYING

- 1.Surveying Instruments
- 2.Definition and methods of surveying
- 3.Chain Survey
- 4.Plain Table Survey

REFERENCES.

- 1.Singh,R.L:*MapWork and practical geography, central book depot Allahabad,1972*
- 2.Khan,z.a:*Textbook of practical geography:concept publications,new delhi*
- 3.Misra ,R.P AND Ramesh:*Fundamentals of cartography,concept publications,new delhi.*

MODEL QUESTION PAPER
B.A/B.Sc Degree Examination
THIRD YEAR – VI SEMESTER
GEOGRAPHY
PAPER: VIII (C) - SURVEYING
(PRACTICAL EXAMINATION)

(Effective from 2015-2016 admitted batch)

Maximum Marks:50
Time: 3 hours

Distribution of Marks

Questions – 40

Record & viva – voce =10

Total - 50

Answer all the questions:

(All questions carry equal Marks)

(4X10=40 Marks)

1. Question
2. Question
3. Question
4. Question
5. Record + Viva-Voce

(1X10=10 Marks)