

**NAGARJUNA GOVT.COLLEGE, NALGONDA
(AUTONOMOUS)
DEPARTMENT OF GEOGRAPHY
Constitution of Board of Studies 2015-16**

S.NO	CATEGORY	NAME & DESIGNATION
1	Chairman Board of studies	Dr. P. Ramakrishna Lecturer in Geology Nagarjuna Govt. College, Nalgonda.
2	University Nominee	Prof. B. Laxmaiah Department of Geography University college of Science Osmania University, Hyderabad
3	Subject expert from outside the college	Prof. A Kamalakar Reddy Department of Geography University college of Science Osmania University, Hyderabad
4	Subject expert from outside the college	Prof. C. Venugopal rao, Chairman Board of Studies Department of Geography University college of Science Osmania University, Hyderabad
5	Members: All The Faculty members of the Dept.	Sri. M. Vigneshwar Lecturer in Geography Nagarjuna Government college, Nalgonda.

Submitted by



In-charge/Chairman BOS

HEAD OF THE DEPART
GEOGRAPHY
N.G. College, NALGONDA.

Proposals approved by



Principal/Chairman academic council

Principal
Nagarjuna Govt. College
(Autonomous) NALGONDA.

NAGARJUNA GOVERNMENT COLLEGE, NALGONDA

AUTONOMOUS

ALLOCATION OF CREDITS AT SUBJECT LEVEL

Draft Final Format- 2015-16

DEPARTMENT OF GEOGRAPHY

Name of the Lecturer: **M. VIGNESHWAR**

Subject: **Geography**

Sl. No	Semester	Module nature	Module Name	Hours	Max. Marks	Credits	
1	I	I (Core)	Geomorphology	4	100	3	
2	II	II (Core)	Climatology & Oceanography	4	100	3	
		Practicals - 1	Elements of Mapping	3	100	2	
3	III	III (core)	Human Geography	4	100	3	
4	IV	IV (core)	Economic Geography	4	100	3	
		Practicals - 2	Maps and Diagrams	3	100	2	
5	V	V Advanced (core)	Geographical Information System	4	100	3	
6		V Advanced Elective - 1	Regional Geography of India	3	100	2	
		or					
	V Advanced Elective - 2	Environmental Geography	3	100			
7	VI	VI Applied	Remote Sensing	4	100	3	
8		VI Applied Elective - 1	Regional Geography of Telangana	3	100	2	
		or					
		VI Applied Elective - 2	Natural Disaster Management	3	100		
		Practicals - 3	Map Projections and Field Survey	3	100	2	
	Practicals - 4	Introduction to computers and GIS	3	100	2		
		Total Credits				30	
9	Project Work		On the Given topic		100	3	
10	General Elective (iv sem)		Geography of India	2	100	2	


 DEPARTMENT OF GEOGRAPHY
 NG COLLEGE, NALGONDA

NAGARJUNA GOVERNMENT COLLEGE: NALGONDA
(Autonomous)

DEPARTMENT OF GEOGRAPHY


Date:

BOARD OF STUDIES

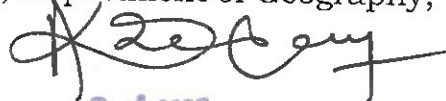
A meeting of the Board of Studies in the Department of Geography in N. G. College Nalgonda is held in the department of Geography, O.U. on at 10:30 am.

The following members are Present:

1. Prof. B. Laxmaiah, Department of Geography, UCS, OU, Hyd.


Professor
Department of Geography
University College of Science
Osmania University, Hyd-7.

2. Prof. A Kamalakar Reddy, Department of Geography, UCS, OU, Hyd.

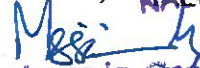

Professor
Department of Geography
University College of Science
Osmania University, Hyd-7.

3. Dr. P. Ramakrishna, QBOS, Department of Geography, NG College, Nalgonda.


Dr. P. Ramakrishna
M.Sc., (Tech.), Ph.D.

LECTURER IN GEOLOGY

4. Sri. M. Vigneshwar, Lecturer in Geography, NG College, Nalgonda.


Lecturer in Geography
Nagarjuna Government College
NALGONDA - 508 001.

The following resolutions have taken in the meeting:

- i) The syllabus and Model question papers for I to VI Semesters during 2015-16 have been modified and approved.
- ii) It is approved to have internal assessment system with objective type for 20 marks and 5 marks for seminar and 5 marks for assignment for each paper (20+5+5=30) for Semester I, II, III and IV and 20 marks for each paper for Semester V to VIII.
- iii) It is agreed and approved to prepare question papers unit wise in Part - C and Questions from entire syllabus covering for part - A and Part - B for Semester I to IV and unit wise in part-A and entire syllabus for part-B for V and VI semesters.
- iv) It is approved to have 70 marks for each theory paper and 100 marks for each practical examination in Semester I to IV and 40 marks theory paper and 50 marks for each practical examination for V to VI semesters.
- v) It is approved to pass end exam one has to get a minimum of 40 % marks for Papers I to IV and 36% of marks in each papers V to VIII.
- vi) It is approved to have a inter disciplinary/General elective paper in IV semester for each student.
- vii) It is approved to have a project work for each student in the VI semester. Grades can be given to the project reports.
- viii) It is agreed and approved the list of examiners for paper setting for I to VIII semesters.

NAGARJUNA GOVERNMENT COLLEGE: NALGONDA
(Autonomous)
DEPARTMENT OF GEOGRAPHY

Date:

BOARD OF STUDIES

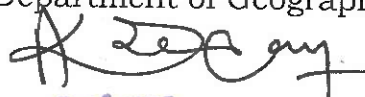
A meeting of the Board of Studies in the Department of Geography in N. G. College Nalgonda is held in the department of Geography, O.U. on at 10:30 am.

The following members are Present:

1. Prof. B. Laxmaiah, Department of Geography, UCS, OU, Hyd.


Professor
Department of Geography
University College of Science
Osmania University, Hyd-7.

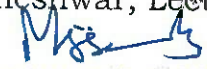
2. Prof. A Kamalakar Reddy, Department of Geography, UCS, OU, Hyd.


Professor
Department of Geography
University College of Science
Osmania University, Hyd-7.

3. Dr. P. Ramakrishna, CBOS, Department of Geography, NG College, Nalgonda.


Dr. P. Ramakrishna
M.Sc., (Tech)
LECTURER IN GEOLOGY
Nagarjuna Govt. Degree College
NALGONDA - 508 001

4. Sri. M. Vigneshwar, Lecturer in Geography, NG College, Nalgonda.


Lecturer in Geography
Nagarjuna Government College
NALGONDA - 508 001.

The following resolutions have taken in the meeting:

- i) The syllabus and Model question papers for I to VI Semesters during 2015-16 have been modified and approved.
- ii) It is approved to have internal assessment system with objective type for 20 marks and 5 marks for seminar and 5 marks for assignment for each paper (20+5+5=30) for Semester I, II, III and IV and 20 marks for each paper for Semester V to VIII.
- iii) It is agreed and approved to prepare question papers unit wise in Part - C and Questions from entire syllabus covering for part - A and Part - B for Semester I to IV and unit wise in part-A and entire syllabus for part-B for V and VI semesters.
- iv) It is approved to have 70 marks for each theory paper and 100 marks for each practical examination in Semester I to IV and 40 marks theory paper and 50 marks for each practical examination for V to VI semesters.
- v) It is approved to pass end exam one has to get a minimum of 40 % marks for Papers I to IV and 36% of marks in each papers V to VIII.
- vi) It is approved to have a inter disciplinary/General elective paper in IV semester for each student.
- vii) It is approved to have a project work for each student in the VI semester. Grades can be given to the project reports.
- viii) It is agreed and approved the list of examiners for paper setting for I to VIII semesters.

NAGARJUNA GOVERNMENT COLLEGE: NALGONDA
(Autonomous)
DEPARTMENT OF GEOGRAPHY

Date:

BOARD OF STUDIES


A meeting of the Board of Studies in the Department of Geography in N. G. College Nalgonda is held in the department of Geography, O.U. on at 10:30 am.

The following members are Present:

1. Prof. B. Laxmaiah, Department of Geography, UCS, OU, Hyd.


Professor
Department of Geography
University College of Science
Osmania University, Hyd-7.

2. Prof. A Kamalakar Reddy, Department of Geography, UCS, OU, Hyd.


Professor
Department of Geography
University College of Science
Osmania University, Hyd-7.

3. Dr. P. Ramakrishna, CBOS, Department of Geography, NG College, Nalgonda.


Dr. P. Ramakrishna,
M.Sc., (Tech), Ph.D

LECTURER IN GEOLOGY
Nagarjuna Govt. Degree College

4. Sri. M. Vigneshwar, Lecturer in Geography, NG College, Nalgonda.


Lecturer in Geography
Nagarjuna Government College

NALGONDA - 508 001

The following resolutions have taken in the meeting:

- i) The syllabus and Model question papers for I to VI Semesters during 2015-16 have been modified and approved.
- ii) It is approved to have internal assessment system with objective type for 20 marks and 5 marks for seminar and 5 marks for assignment for each paper (20+5+5=30) for Semester I, II, III and IV and 20 marks for each paper for Semester V to VIII.
- iii) It is agreed and approved to prepare question papers unit wise in Part - C and Questions from entire syllabus covering for part - A and Part - B for Semester I to IV and unit wise in part-A and entire syllabus for part-B for V and VI semesters.
- iv) It is approved to have 70 marks for each theory paper and 100 marks for each practical examination in Semester I to IV and 40 marks theory paper and 50 marks for each practical examination for V to VI semesters.
- v) It is approved to pass end exam one has to get a minimum of 40 % marks for Papers I to IV and 36% of marks in each papers V to VIII.
- vi) It is approved to have a inter disciplinary/General elective paper in IV semester for each student.
- vii) It is approved to have a project work for each student in the VI semester. Grades can be given to the project reports.
- viii) It is agreed and approved the list of examiners for paper setting for I to VIII semesters.

**NAGARJUNA GOVERNMENT COLLEGE: NALGONDA
(AUTONOMOUS)**

(Re-accredited by NAAC with "A" Grade)
B. A. I year, Revised Semester wise Syllabus (w. e. f. 2015-16)

Subject: Geography

Semester – I

Module - I: Geomorphology

UNIT-I: 15 Hours

1. Definition and Scope of Geomorphology
2. Land and Sea: Formation and distribution

UNIT-II: 15 Hours

3. Theories: Isostasy, Continental Drift, Plate Tectonics
4. Interior of Earth
5. Earthquakes

UNIT-III: 15 Hours

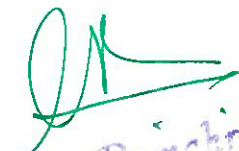
6. Volcanoes
7. Rocks
8. Weathering
9. Mass-wasting

UNIT-IV: 15 Hours


10. River: Flow and Work – erosion, transportation, deposition – landforms
11. Wind: Air flow and Work - erosion, transportation, deposition – landforms – desert formations
12. Karst: Flow of Underground water and Work – solutions – erosion and deposition –landforms
13. Glacial: Types, Movements and Work – erosion, transportation and deposition - landforms

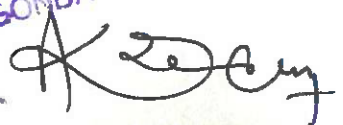
Reference Books:

1. Physical Geography by R.N. Tikka
2. Earth's Dynamic Surfaces by Siddhartha
3. Principles of Physical Geography by Das Gupta
4. Principles of Geography by Telugu academy


Dr. P. Ramakrishna,
M.Sc., (Tech), Ph.D.
LECTURER IN GEOLOGY
Nagarjuna Govt. Degree College
NALGONDA - 508 001


Lecturer in Geography
Nagarjuna Government College
NALGONDA - 508 001.


Professor
Department of Geography
University College of Science
Osmania University, Hyd-7.


Professor
Department of Geography
University College of Science
Osmania University, Hyd-7.

**NAGARJUNA GOVERNMENT COLLEGE: NALGONDA
(AUTONOMOUS)**

(Re-accredited by NAAC with "A" Grade)

B. A. I year, Revised Semester wise Syllabus (w. e. f. 2015-16)

Subject: Geography

Semester – II

Module - II: Climatology and Oceanography

UNIT-I: (Climatology) 15 Hours

1. Weather and Climate, Elements of Weather
2. Atmosphere: Structure and Composition
3. Insolation: Factors influencing the incidence and distribution
4. Temperature: Horizontal and Vertical Distribution
5. Pressure: Influencing factors – High and Low Pressure Areas, Global Pressure Belts

UNIT-II: 15 Hours

6. Winds: Local, Periodic and Planetary
7. Cyclones – Formation, Distribution and Impacts: Tropical and Temperate
8. Humidity: Absolute and Relative
9. Clouds: Types, Formation and Potentials
10. Precipitation: Types, Formation, Distribution

UNIT-III: (Oceanography) 15 Hours

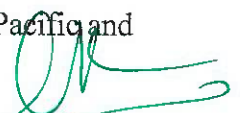
11. Submarine Relief: Continental Shelf, Continental Slope, Abyssal Plain, Ocean Deeps and Trenches, Mid-Oceanic ridges
12. Temperature: Horizontal and Vertical Distribution
13. Salinity: Factors and Distribution

UNIT-IV: 15 Hours


14. Waves and Tides: Types and Formation
15. Ocean Currents: Types and Factors Responsible - Currents of Atlantic, Pacific and Indian Oceans
16. Ocean deposits – Types and Distribution

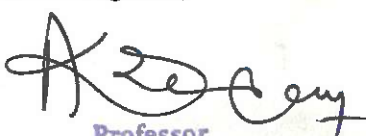
Reference Books:

1. Critchfield (1997) General Climatology, Prentice Hall of India, New Delhi.
2. Strahler, A.H. and Strahler A.N., (1971) Physical Geography, Wiley eastern, New Delhi
3. Trewartha (1968) An Introduction to Climate, Mc Graw Hill, New Delhi.
4. Cole and King, (1975) Oceanography for Geographers, E. Arnold, London.
5. Ken Briggs (1985) Physical Geography: Process and System, Holder and Stoughton, London.
6. Rice R.J. (1996) Fundamentals of Geography Addison – Wesley.


Dr. P. Ramakrishna
M.Sc., (Geo.)
LECTURER IN GEOLO.
Nagarjuna Govt. Degree Coll.
NALGONDA - 508 001


Lecturer in Geography
Nagarjuna Government College
NALGONDA - 508 001.


Professor
Department of Geography
University College of Science
Osmania University, Hyd-7.


Professor
Department of Geography
University College of Science
Osmania University, Hyd-7.

**NAGARJUNA GOVERNMENT COLLEGE: NALGONDA
(AUTONOMOUS)**

(Re-accredited by NAAC with "A" Grade)

B. A. I year, Revised Practical Syllabus (w. e. f. 2015-16)

Subject: Geography

PRACTICAL – I: ELEMENTS OF MAPPING

1. Maps: Types – Cadastral – Topographical – Atlas – General Maps – Thematic Maps
2. Scales: Classification – Statement – Representative Fraction(R.F.) – Construction of Linear – Diagonal – Conversion of Scales
3. Representation of Relief – Spot heights, Bench marks, Layer colouring, Contours – Hachures and Hill shading
4. Contours: Drawing and Contour Interval – Drawing of Cross profiles and landform Identification and description: Plateau – Ridge – Conical hill – U-shaped valley – V-shaped valley – Gorge – Spur - Cliff – Escarpment
Measurement and description of Slopes: Convex, Concave, Uniform and Terraced
5. Profile drawing and Interpretation: Simple Profile – Composite profile – Super imposed profile – Projected profile
6. Map Interpretation
Topographical Map – Conventional Signs and Interpretation
Weather Map – Weather symbols and interpretation

Basic Texts

1. Monkhouse, F.J. and Wilkinson, H.R. (1968) Maps and Diagrams, Methuen, London.
2. Misra, R.P. and Ramesh, A (1999) Fundamentals of Cartography, Mac Millan, New Delhi.

Additional Texts

1. Gopal Singh, (1996) Map Work and Practical Geography, Vikas Publishing House, New Delhi.
2. Singh, R.L. and Dutt, P.K. (1968) Elements of Practical Geography, Students Friends, Allahabad.
3. Negi, B.S. (1998) Practical Geography, Kedarnath and Ramnath, Meerut.

Dr. P. Ramakrishna,
M.Sc., (Tech), Ph.D.

LECTURER IN GEOLOGY
Govt. Degree College
NALGONDA - 508 001

M. S. S.
Lecturer in Geography
Nagarjuna Government College
NALGONDA - 508 001.

24
Professor
Department of Geography
University College of Science
Osmania University, Hyd-7.

A. R. S.
Professor
Department of Geography
University College of Science
Osmania University, Hyd-7.

**NAGARJUNA GOVERNMENT COLLEGE: NALGONDA
(AUTONOMOUS)**

(Re-accredited by NAAC with "A" Grade)

B. A. II year, Revised Semester wise Syllabus (w. e. f. 2015-16)

Subject: Geography

Semester – III

Module - III: HUMAN GEOGRAPHY

UNIT-I: Perspectives

1. Nature and Objectives of Human Geography
2. Man and Environment: Physical and Cultural environment

UNIT-II:

3. Human Races: Origin, Classification, Characteristics and Distribution.
4. Cultural Realms of the World

UNIT-III:

5. Population: World population – growth and distribution –
6. Demographic Transition

UNIT-IV:

7. Human Migration: Types, Causes and Consequences of Migration
8. Human Settlements: Forms, Structure, Functions and Patterns – Rural and Urban settlements
9. Urbanisation – Impacts of Urbanisation

Reference Books:

1. Leong, G.C. and Morgan, C.C. (1975) Human and Economic Geography, Oxford University Press, London.
2. Hartshorn, T.A. and Alexander (1988) Economic Geography, Prentice Hall, New Delhi.
3. Majid Hussain (1999) Human Geography, Rawat, Jaipur.
4. Ghosh, B.N. (1995) Fundamentals of Population Geography, Sterling Publishers, Bangalore.
5. Chandana, R.C. (1986) A Geography of Population, Kalyani Publishers, New Delhi

Dr. P. Ramakrishna,
M.Sc., (Tech), Ph.D.

LECTURER IN GEOLOGY

Nagarjuna Govt. Degree College

NALGONDA - 508 001

Ms. B.
Lecturer in Geography

Nagarjuna Government College

NALGONDA - 508 001.

24
Professor

Department of Geography
University College of Science
Osmania University, Hyd-7.

A. Ramesh
Professor

Department of Geography
University College of Science
Osmania University, Hyd-7.

**NAGARJUNA GOVERNMENT COLLEGE: NALGONDA
(AUTONOMOUS)**

(Re-accredited by NAAC with "A" Grade)

B. A. II year, Revised Semester wise Syllabus (w. e. f. 2015-16)

Subject: Geography

Semester – IV

Module - IV: ECONOMIC GEOGRAPHY

UNIT-I:

1. Definition and Scope of Economic Geography
2. Human activities – Primary – Secondary – Tertiary – Quaternary

UNIT-II:

3. Resources: Classification, Conservation and Management
4. Minerals: Metallic (Iron Ore, Copper) – Non-metallic (Limestone and Mica)
5. Power Resources: Coal and Petroleum

UNIT-III:


6. Agriculture: Types, Distribution and Production of Rice, Wheat, Tea, Cotton and Sugarcane
7. Major Fishing grounds of the World
8. Forest: Types, Distribution and Forest Products – Wild Life


UNIT-IV:

9. Industry: Locational Factors, Industrial location theory of Weber
10. Major industries : Iron and Steel and Cotton and Textile
11. Industrial Regions of the World
12. Transport: Roadways, Railways, Waterways and Airways

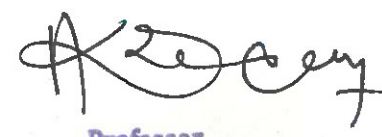
Reference Books:

1. Leong, G.C. and Morgan, C.C. (1975) Human and Economic Geography, Oxford University Press, London.
2. Alexander, J.W. (1963) Economic Geography, Prentice Hall, New Delhi.
3. Hartshorn, T.A. and Alexander (1988) Economic Geography, Prentice Hall, New Delhi.
4. Majid Hussain (1999) Human Geography, Rawat, Jaipur.
5. Ghosh, B.N. (1995) Fundamentals of Population Geography, Sterling Publishers, Bangalore.


Dr. P. Ramakrishna,
M.Sc. (Tech) - Engg.
LECTURER, GEOLOGY
Nagarjuna Govt. Degree College
NALGONDA - 508 001


Miss. S. S. S.
Lecturer in Geography
Nagarjuna Government College
NALGONDA - 508 001.


Professor
Department of Geography
University College of Science
Osmania University, Hyd-7.


Professor
Department of Geography
University College of Science
Osmania University, Hyd-7.

6. Chandana,R.C. (1986) A Geography of Population, Kalyani Publishers, New Delhi

NAGARJUNA GOVERNMENT COLLEGE: NALGONDA (AUTONOMOUS)

(Re-accredited by NAAC with "A" Grade)

B. A. II year, Revised Semester wise Syllabus (w. e. f. 2015-16)

Subject: Geography

PRACTICAL – II: MAPS AND DIAGRAMS

1. Data: Primary and Secondary – Classification
2. Diagrams: (i) One Dimensional: Line Graph – Poly Graph – Bar Graph –
Pyramid Graph – Simple and Compound Diagram, Pie Diagram
(ii) Two Dimensional: Squares and Rectangles
(iii) Three dimensional: Spheres and Blocks
(iv) Climatic Diagrams: Climo Graph, Hyther Graph, Wind Rose
3. Maps: i) Thematic Maps: Class intervals – Choropleth – Isopleth –
Choroschematic – Dot Maps – Flow Maps
(ii) Flow Chart
4. Field study and Report

Reference Books:

1. Monkhouse,F.J. and Wilkinson,H.R. (1968) Maps and Diagrams, Methuen,
London.
2. Robinson,A.H. et al (1995) Elements of Cartography, John Wiley, New York.
3. Singh,R.L. and Dutt,P.K. (1968) Elements of Practical Geography, Students
Friends, Allahabad.
4. Misra, R.P. and Ramesh,A (1989) Fundamentals of Cartography, Concept,
New Delhi.


Lecturer in Geography
Nagarjuna Government College
NALGONDA - 508 001.


Dr. P. Ramakrishna,
M.Sc., (Tech), Ph.D.

LECTURER IN GEOLOGY
Nagarjuna Govt. Degree College
NALGONDA - 508 001


Professor
Department of Geography
University College of Science
Osmania University, Hyd-7.


Professor
Department of Geography
University College of Science
Osmania University, Hyd-7.

**NAGARJUNA GOVERNMENT COLLEGE: NALGONDA
(AUTONOMOUS)**

(Re-accredited by NAAC with "A" Grade)

B. A/B.Com/B.Sc. II year, Revised Semester wise Syllabus (w. e. f. 2015-16)

Subject: Geography (Inter Disiplinary)

Semester – IV

General Elective Paper : GEOGRAPHY OF INDIA

UNIT-I:

1. Major physical divisions
2. Drainage system
3. Climate – Mechanism of Indian monsoons

UNIT-II:

4. Natural vegetation
5. Soil types
6. Population – Growth pattern and distribution

UNIT-III:

7. Irrigation: types, Major irrigation Projects
8. Agriculture - Types (subsistence and commercial; intensive and extensive and plantation) and Cropping pattern

UNIT-IV:

9. Resources: Energy (Coal and Petroleum), Minerals (Iron ore, Manganese, Copper, Mica)
10. Industry – Study of Iron and Steel, Cotton textiles, and Oil refineries, and Industrial regions
11. Transport – Road ways, Railways, Water ways, Airways

Reference Books:

1. Sharma and Coutino (1980) Economics and Commercial Geography of India, Vikas Publication, New Delhi.
2. Spate, O.H.K. and Learmonth, A.T.A (1972) India and Pakistan, B.I. Publications, Madras.
3. Prithvish Nag and Sengupta, S. (1999) Geography of India, Concept, New Delhi.
4. Alam, M.S. (1974) Planning Atlas of Andhra Pradesh, Govt. of India and Andhra Pradesh, Hyderabad.
5. Singh, R.L. (1976) Regional Geography of India, NGSI, BHU, Varanasi.
6. A. Kamalakar Reddy (2015), Geography of Telangana, Adugu jadalu publications, Hyderabad.

Miss
Lecturer in Geography
Nagarjuna Government College
NALGONDA - 508 001.

P. Ramakrishna
LECTURER IN GEOLOGY
Nagarjuna Govt. Degree College
NALGONDA - 508 001

2400
Professor
Department of Geography
University College of Science
Osmania University, Hyd-7.

A. K. Reddy
Professor
Department of Geography
University College of Science
Osmania University, Hyd-7.

**NAGARJUNA GOVERNMENT COLLEGE: NALGONDA
(AUTONOMOUS)**

(Re-accredited by NAAC with "A" Grade)

B. A. III year, Revised Semester wise Syllabus (w. e. f. 2015-16)

Subject: Geography

Semester – V

PAPER – V: REGIONAL GEOGRAPHY OF INDIA

UNIT-I: Physical Setting

1. Major physical divisions
2. Drainage system
3. Climate – Mechanism of Indian monsoons
4. Natural vegetation
5. Soil types

UNIT-II: Cultural Settings

6. Population – Growth pattern and distribution
7. Settlement Patterns – Rural and Urban Growth
8. Urbanisation and trends

UNIT-III: Agricultural Setting

9. Irrigation: types, Major irrigation Projects
10. Agriculture - Types (subsistence and commercial; intensive and extensive and plantation) Cropping pattern and Green revolution
11. Livestock and White revolution

UNIT-IV: Economic Setting

12. Power production: Hydel, Thermal and Atomic
13. Resources: Energy (Coal and Petroleum), Minerals (Iron ore, Manganese, Copper, Mica) – utilization and conservation;
14. Industry – Study of Iron and Steel, Cotton textiles, and Oil refineries, and Industrial regions
15. Transport – Road ways, Railways, Water ways, Airways Growth and distribution

Reference Books:

1. Sharma and Coutino (1980) Economics and Commercial Geography of India, Vikas Publication, New Delhi.
2. Spate, O.H.K. and Learmonth, A.T.A (1972) India and Pakistan, B.I. Publications, Madras.
3. Prithvish Nag and Sengupta, S. (1999) Geography of India, Concept, New Delhi.
4. Alam, M.S. (1974) Planning Atlas of Andhra Pradesh, Govt. of India and Andhra Pradesh, Hyderabad.
5. Singh, R.L. (1976) Regional Geography of India, NGSI, BHU, Varanasi.
6. Mamoria, C.B. (1995) Economic and Commercial Geography of India, Shiva Lal Agarwala, Agra.

M.S.
Dr. P. Rameshkrishna
M.Sc., (Tech)

LECTURER IN GEOLOGY

Nagarjuna Govt. Degree College

NALGONDA - 508 001

242
Professor
Department of Geography
University College of Science
Osmania University, Hyd-7,

K. S. Rao
Professor
Department of Geography
University College of Science
Osmania University, Hyd-7.

Lecturer in Geography
Nagarjuna Government College
NALGONDA - 508 001.

NAGARJUNA GOVERNMENT COLLEGE: NALGONDA (AUTONOMOUS)

(Re-accredited by NAAC with "A" Grade)

B. A. III year, Revised Semester wise Syllabus (w. e. f. 2015-16)

Subject: Geography

Semester – V

PAPER – VI: GEOGRAPHICAL INFORMATION SYSTEM

UNIT-I:

1. GIS: Definition – Contributing Disciplines – Functions – Data Capture/Input, Data Storage, Data Retrieval, Data Analysis, Data Output
2. Components of Geographic Information Systems: Hardware Components, Software Components, Brain-ware Components and Organizational set up

UNIT-II:

3. Data Input and Editing: Data Types: Spatial and Attribute data – Raster and Vector
4. Sources of GIS data
5. Methods of Data input (Keyboard Entry, Digitizing, Scanning)
6. GPS and Its Application

UNIT - III:

7. Data Base Management System: Definitions and Functions
8. Data Conversion (Format, Structure, and Medium Conversion)
9. Spatial Measurements (Counting, Measuring lengths and Areas)

UNIT - IV:

10. Buffering - Point, Line, Area and Doughnut
11. Overlay Analysis
12. Modeling Surfaces (DTMs)
13. Modeling Networks
14. Remote Sensing and GIS: Integration – GIS Application

Reference Books:

1. Campbell, James, B (1987) Introduction to Remote Sensing, The Guilford Press, New York.
2. Curran, P (1985) Principles of remote Sensing, Longman, London.
3. Kang-tsung Chang (2003) Geographic Information Systems, Tata Mc Graw Hill, New Delhi
4. Star J, and J. Estes, (1994), Geographic Information Systems: An Introduction, Prentice Hall, New Jersey.
5. Michael F. Goodchild and Karen K. Kemp (1990) Introduction to GIS, National Centre for Geographic Information and Analysis, University of California, Santa Barbara.
6. Anji Reddy, M (2006) A Text Book of remote Sensing and Geographical Information Systems, B.S. Publications, Hyderabad.
7. Clarke, Keith C. (1999) Getting Started with Geographic Information Systems, Prentice Hall, New Jersey,
8. Lo Albert, C.P., and Yeung, K.W (2003) Concepts and Techniques of Geographical Information Systems, Prentice Hall of India Pvt. Ltd., New Delhi.


Lecturer in Geography

Nagarjuna Government College
NALGONDA - 508 001

NALGONDA - 508 001


M.Sc. (Geology),
Lecturer in Geology

Nagarjuna Govt. Degree College

NALGONDA - 508 001


Professor

Department of Geography
University College of Science
Osmania University, Hyd-7.


Professor

Department of Geography
University College of Science
Osmania University, Hyd-7.

**NAGARJUNA GOVERNMENT COLLEGE: NALGONDA
(AUTONOMOUS)**

(Re-accredited by NAAC with "A" Grade)

B. A. III year, Revised Semester wise Syllabus (w. e. f. 2015-16)

Subject: Geography

Semester – VI

PAPER – VII: REGIONAL GEOGRAPHY OF TELANGANA

UNIT-I: Physical aspects

1. Relief
2. Drainage
3. Climate
4. Vegetation
5. Soils

UNIT-II:

6. Population – Growth and distribution, Rural and Urban population,
7. Urbanization

UNIT-III:

8. Irrigation types: Irrigation development, Major irrigation projects
9. Agriculture: Cropping pattern, Production and Potentials

UNIT-IV:

10. Resource base – Fuel and mineral wealth
11. Industries: Small scale and Large Scale industries – Spatial Distribution
12. Transport types
13. Tourism Development

Reference Books:

1. A. Kamalakar Reddy (2015), Geography of Telangana, Adugu jadalu Publications, Hyderabad.
2. Andhra Pradesh year book (1981), date news features, Hyderabad.
3. Alam, M.S. (1974) Planning Atlas of Andhra Pradesh, Govt. of Inida and Andhra Pradesh, Hyderabad.
4. Regional Geography of India by Telugu Academy

M. S. S.

Dr. P. Ramakrishna,
M.Sc., (Tech.), Ph.D.

Professor
Department of Geography
University College of Science
Osmania University, Hyd-7.

Professor
Department of Geography
University College of Science
Osmania University, Hyd-7.

Nagarjuna Government College
NALGONDA - 508 001

**NAGARJUNA GOVERNMENT COLLEGE: NALGONDA
(AUTONOMOUS)**

(Re-accredited by NAAC with "A" Grade)

B. A. III year, Revised Semester wise Syllabus (w. e. f. 2015-16)

Subject: Geography

Semester – VI

PAPER – VIII: REMOTE SENSING

UNIT - I:

1. Remote Sensing: Definition, History, Advantages
2. Aerial Photography and Satellite Remote Sensing

UNIT - II:

3. Energy Source, Energy-Atmosphere Interaction, Energy-Matter Interaction
4. Nature of Electromagnetic Radiation – Electromagnetic Radiation Spectrum
5. Interaction of Electromagnetic Radiation with Atmosphere and with Earth Surface
Materials – Spectral Signatures.

UNIT – III:

6. Remote Sensing Platforms: Aircrafts and Satellites
7. Orbital Characteristics of Sun-synchronous and Geostationary Satellites
8. Types of Sensors: Active and Passive

UNIT – IV:

9. Sensor Characteristics: Spatial Resolution, Spectral Resolution, Radiometric Resolution, Temporal Resolution.
10. Types of Cameras: Single Lens, Multiple Lens, Strip and Digital – Films and Filters
11. Types of Scanners: Cross-track Vs. Along-track – Mono-Spectral Vs. Multi-Spectral Scanners
12. Remote Sensing in India: Development and Growth – Satellites

Reference Books:

1. Campbell, James,B (1987) Introduction to Remote Sensing, The Guilford Press, New York.
2. Curran, P (1985) Principles of remote Sensing, Longman, London.
3. Lillisand, T.M. and R.W Kiefer (1997) Remote Sensing and Image Interpretation,
John Wiley and Sons, new York.
4. Anji Reddy,M (2006) A Text Book of remorte Sensing and Geographical Information
Systems, B.S. Publications, Hyderabad.

H. K. S.

Dr. P. Raman

M.Sc., (Tech.), Ph.D.

Professor

LECTURER IN GEOLOGY

Department of Geography
University College of Science

Nagarjuna Govt. Degree College
NALGONDA - 508 001

Osmania University, Hyd-7.

A. K. S.

Professor

Department of Geography
University College of Science
Osmania University, Hyd-7.

Lecturer in Geography

Nagarjuna Government College

NALGONDA - 508 001

NAGARJUNA GOVERNMENT COLLEGE: NALGONDA (AUTONOMOUS)

(Re-accredited by NAAC with "A" Grade)

B. A. III year, Revised Semester wise Syllabus (w. e. f. 2015-16)

Subject: Geography

PRACTICAL – III: MAP PROJECTIONS AND FIELD SURVEYING AND STUDY

UNIT – I: Projections: Constructions and Uses

- i). Conical Projections: One Standard Parallel, Two Standard Parallel,
- ii). Cylindrical Projections: Equal area, Equal distant, Mercator
- iii). Zenithal Projections (Polar cases only): Stereographic, Gnomonic, and Zenithal Equidistant and Equal Area
- iv). Conventional: Mollweide, Sinusoidal.

UNIT – II: FIELD SURVEY

- i) Chain Survey
- ii) Prismatic Compass Survey
- iii) Plane Table Survey

UNIT – III

- iv) Village / Urban Study: Socio-economic or Physiographic study
- v) Educational Tour: Observations, Measurements, Interviews, data collection, data Analysis, Report Writing

Reference Books:

- 1) Monkhouse, F.J. and Wilkinson M.R. (1968) Maps and Diagrams, Methuen, London.
- 2) Misra, R.P. and Ramesh, A (1989) Fundamentals of Cartography, Concept, New Delhi.
- 3) Robinson, A.H. (1995) Elements of Cartography, John Willey, New York.
- 4) Gopal Singh (1996) Map work and Practical Geography, Vikas Publishing, New Delhi.
- 5) Negi, B.S (1998) Practical Geography, Kedarnath and Ramnath, Meerut.


Lecturer In Geography

Nagarjuna Government College
NALGONDA - 508 001.


Dr. P. Ramakrishna,
M.Sc., (Tech), Ph.D.

LECTURER IN GEOLOGY
Nagarjuna Govt. Degree College
NALGONDA - 508 001


Professor
Department of Geography
University College of Science,
Osmania University, Hyd-7.


Professor
Department of Geography
University College of Science
Osmania University, Hyd-7.

NAGARJUNA GOVERNMENT COLLEGE: NALGONDA (AUTONOMOUS)

(Re-accredited by NAAC with "A" Grade)

B. A. III year, Revised Semester wise Syllabus (w. e. f. 2015-16)

Subject: Geography

PRACTICAL – IV: COMPUTER BASICS AND INTRODUCTION TO GIS

UNIT – I:

1. Types of computers and computer components
2. Computer software- Operating systems – MOS DOS, Windows
3. Sources and components of information systems
4. Computer fundamentals of GIS
5. Raster and Vector GIS capabilities: Display, Query, Overlay, Buffering

Reference books:

1. Campbell, James, B (1987) Introduction to Remote Sensing, The Guilford Press, New York.
2. Clarke, Keith C. (1999) Getting Started with Geographic Information Systems, Prentice Hall, New Jersey
3. Kang-tsung Chang (2003) Geographic Information Systems, Tata Mc Graw Hill, New Delhi
4. Michael F. Goodchild and Karen K. Kemp (1990) Introduction to GIS, National Centre for Geographic Information and Analysis, University of California, Santa Barbara.



Dr. P. Ramakrishna,
M.Sc., (Tech.), Ph.D.



Miss. [unclear]
Lecturer in Geography

Nagarjuna Government College

NALGONDA - 508 001

LECTURER IN GEOLOGY
Nagarjuna Govt. Degree College
NALGONDA - 505 001

+



Professor

Department of Geography
University College of Science
Osmania University, Hyd-7.



Professor

Department of Geography
University College of Science
Osmania University, Hyd-7.

NAGARJUNA GOVERNMENT COLLEGE, NALGONDA
DEPARTMENT OF GEOGRAPHY
List of Panal for Paper Setting and Evaluation- 2015-16
I year

Semester- I

- | | |
|--|------------|
| 1. Dr. V. Anand, Department of Geography, UCS, OU, HYD. | 9848256042 |
| 2. Dr. L. Ashok Kumar, Assit. Professor, Department of Geography, UCS, OU, HYD. | 9247358736 |
| 3. Dr. K. Narayana Reddy, Assit. Professor Department of Geography (Rtd), OU, HYD. | 9490469790 |

Semester - II

- | | |
|--|------------|
| 4. Dr. V. Anand, Department of Geography, UCS, OU, HYD. | 9848256042 |
| 5. Dr. L. Ashok Kumar, Assit. Professor, Department of Geography, UCS, OU, HYD. | 9247358736 |
| 6. Dr. K. Narayana Reddy, Assit. Professor Department of Geography (Rtd), OU, HYD. | 9490469790 |

II year

Semester - III

- | | |
|--|------------|
| 7. Dr. L. Ashok Kumar, Assit. Professor, Department of Geography, UCS, OU, HYD. | 9247358736 |
| 8. Dr. V. Anand, Department of Geography, UCS, OU, HYD. | 9848256042 |
| 9. Dr. K. Narayana Reddy, Assit. Professor Department of Geography (Rtd), OU, HYD. | 9490469790 |

Semester - IV

- | | |
|--|------------|
| 10. Dr. T. Anuradha, Assit. Professor, Dept. of Geography, Koti womens college, HYD. | 9985010628 |
| 11. Dr. K. Narayana Reddy, Assit. Professor Department of Geography (Rtd), OU, HYD. | 9490469790 |
| 12. Prof. A Kamalakar Reddy, Department of Geography, UCS, OU, HYD. | 9490233534 |

III year

Semester - V

- | | |
|---|------------|
| 13. Prof. C. Venugopal Rao, Department of Geography, UCS, OU, HYD. | 9989064567 |
| 14. Prof. A Kamalakar Reddy, Department of Geography, UCS, OU, HYD. | 9490233534 |
| 15. Dr. V. Anand, Department of Geography, UCS, OU, HYD. | 9848256042 |

Semester - VI

- | | |
|---|------------|
| 16. Dr. K. Narayana Reddy, Assit. Professor Department of Geography (Rtd), OU, HYD. | 9490469790 |
| 17. Prof. A Kamalakar Reddy, Department of Geography, UCS, OU, HYD. | 9490233534 |
| 18. Dr. V. Anand, Department of Geography, UCS, OU, HYD. | 9848256042 |

M. Srinivas
Lecturer in Geography
Nagarjuna Government College
NALGONDA - 508 001.

P. Ramesh Babu
LECTURER IN GEOLOGY
Nagarjuna Govt. Degree College
NALGONDA - 508 001

S. Venkatesh
Professor
Department of Geography
University College of Science
Osmania University, Hyd-7.

A. Kamalakar Reddy
Professor
Department of Geography
University College of Science
Osmania University, Hyd-7.

Faculty of Social Sciences

B.A. I Yr. I Semester Examination, Model Question Paper - 2015-16

GEOGRAPHY

(Fundamentals of Geomorphology)

Paper - I

Time: 2 ½ Hrs.

Max.Marks: 70

SECTION - A (5 x 2= 10)

Answer the following questions (very short questions)

అన్ని ప్రశ్నలకు సమాధానములు వ్రాయండి (అతి స్వల్ప ప్రశ్నలు)

1. Geoid
జియాయిడ్
2. Isostasy.
సమస్థితి.
3. Epi center
అభికేంద్రము
4. Oxidation
ఆక్సీకరణము
5. River Piracy
నదీ గ్రహణం

SECTION - B (4 x 5 = 20)

Answer any FOUR of the following questions (Short Questions)

ఈ క్రింది వానిలో ఏవేని 4 ప్రశ్నలకు సమాధానములు వ్రాయుము (స్వల్ప ప్రశ్నలు)

6. Define Tetra hedral (చతుర్ముఖము నిర్వచనం)
7. Explain divergent movement (అపసరణ చలనాలను వివరింపుము)
8. What are seismic waves (భూకంప తరంగాలను తెలుపుము)
9. Explain the sedimentary rocks (అవక్షేప శిలలను వివరింపుము)
10. Describe the mechanical weathering (యాంత్రిక శైథిల్యమును వివరింపుము)
11. Write a note on morains (మోరైన్ల పై ఒక వ్యాఖ్య వ్రాయుము)

Contd....2nd

Faculty of Social Sciences
B.A. I Yr. II Semester End Examination, Model Paper 2015-16
GEOGRAPHY
(Climatology & Oceanography)
Paper - II

Time: 2 ½ Hrs.

Max.Marks: 70

SECTION - A (5 x 2= 10)

Answer the following questions (very short questions)

అన్ని ప్రశ్నలకు సమాధానములు వ్రాయండి (అతి స్వల్ప ప్రశ్నలు)

1. Inosphere (ఐనో ఆవరణము)
2. Doldrums (ప్రశాంత మండలము).
3. Mon soons (ఋతుపవనాలు)
4. Relative Humidity (సాపేక్ష సాంద్రత)
5. Tidal Bare (వేలా తరంగం)

SECTION - B (4 x 5 = 20)

Answer any FOUR of the following questions (Short Questions)

ఈ క్రింది వానిలో ఏవేని 4 ప్రశ్నలకు సమాధానములు వ్రాయుము (స్వల్ప ప్రశ్నలు)

6. Explain about solar insolation
(సూర్య పుటమును గూర్చి తెలుపుము)
7. Write about Temperature variations in different layers
(ఉష్ణోగ్రత విభేదాలను గూర్చి వ్రాయుము)
8. What do you mean by pleasure belts
(పీడన మేఖల గూర్చి నీకు ఏమి తెలియును)
9. Describe about Tropical cyclones
(ఆయనరేఖ చక్రవాతాలను గూర్చి విశదీకరింపుము)
10. Explain about ocean salienity
(సముద్ర లవణీయతను గూర్చి వివరింపుము)
11. Write about oceanic deposits
(సముద్ర నిక్షేపాలను గూర్చి వ్రాయుము)

Contd....2nd

SECTION-C

(4 x 10=40)

III. Answer the following questions (Long Questions)

ఈ క్రింది ప్రశ్నలకు సమాధానములు వ్రాయుము (దీర్ఘ ప్రశ్నలు)

12. a) Describe the different layers of Atmospheric structure.
(వాతావరణ నిర్మాణములోని వివిధ పొరలను గూర్చి వివరింపుము)

(OR)

- b) Write about Horizontal distribution of temperature.
(ఉష్ణోగ్రత క్షితిజ సమాంతర విస్తరణను విశ్లేషించుము)

13. a) Describe the planetary wind system of the Earth.
(ప్రపంచ పవనాల విస్తరణను గూర్చి విశ్లేషించుము)

(OR)

- b) Discuss the Distribution of precipitation in region wise.
(వ్రాతాల వారీగా అవపాత విస్తరణను వివరింపుము)

14. a) Write an account of Cortinetal shelf and its origin.
(ఖండతీరపు అంచు దాని పుట్టుకను గూర్చి వ్రాయుము)

(OR)


- b) Describe about the South Indian oceanic currents.
(దక్షిణ హిందూ మహాసముద్రాల ప్రవాహాలను గూర్చి వ్రాయుము)

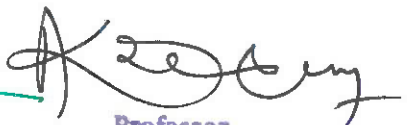
15. a) What are the causeas of the occurrences of high fides.
(వోటు పాటులు ఏర్పడడానికి కారణాలు ఏమి)

(OR)

- b) Write about different types of oceanic deposits.
(వివిధ రకాల సముద్ర నిక్షేపాలను గూర్చి వ్రాయుము)


Lecturer in Geography
Nagarjuna Government College
NALGONDA - 508 001.


Professor
Department of Geography
University College of Science
Osmania University, Hyd-7.
M.Sc., (Tech), Ph.D.
LECTURER IN GEOLOGY
Nagarjuna Govt. Degree College
NALGONDA - 508 001


Professor
Department of Geography
University College of Science
Osmania University, Hyd-7.

Faculty of Social Science

B.A. II Yr. III Semester Examination, Model Question Paper - 2015-16

GEOGRAPHY
(Human Geography)
Paper - III

Time: 2 ½ Hrs.

Max.Marks: 40

SECTION - A (5 x 2 = 10)

Answer the following question (very short questions).

ఈ క్రింది అన్ని ప్రశ్నలకు సమాధానములు వ్రాయుము.

1. Possibilism (పాసిబిలిసమ్)
2. Elements of Nature (ప్రాకృతిక మూలకాలు)
3. Natural Environment (సహజ పరిసరాలు)
4. National Migration (దేశీయ వలసలు)
5. Sedentary settlements. (స్థిర నివాసం)

SECTION - B (4 x 5 = 20)

II. Answer any FOUR of the following questions (Short Questions).

ఈ క్రింది వానిలో ఏవేని 4 ప్రశ్నలకు సమాధానములు వ్రాయుము.

6. Cacasoid Race. (కాకసాయిడ్ జాతి)
7. Define Human Geography. (మానవ భూగోళశాస్త్ర నిర్వచనం)
8. Optimum Population (అభిలషణీయ జనాభ)
9. Demographic Transation (జనాభ పరివర్తన)
10. Seasonial Migration (రుతుక్రమ వలసలు)
11. Indian Cultural Realm. (భారతీయ సంస్కృతిక ప్రాంతం)


SECTION - C (4 x 10 = 40)

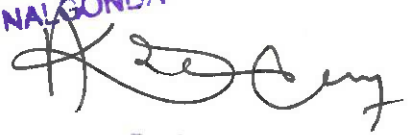
Answer all questions, each answer not more than 300 words.


అన్ని ప్రశ్నలకు సమాధానములు వ్రాయండి. 300 పదములకు మించరాదు.

1. (a) Describe the impact of man on Environment.
పర్యావరణముపై మానవుని యొక్క ప్రభావం వివరింపుము.
(OR)
(b) Write an account on physical Environment?
భౌతిక పర్యావరణముపై ఒక వాఙ్మయ వ్రాయుము.
2. (a) Describe the charecteristics of Human races in the world?
ప్రపంచ మానవ జాతుల బౌతిక లక్షణాలను విశదీకరింపుము.
(OR)
(b) Describe any two cultural realms of the world?
ఏవేని రెండు ప్రపంచ సాంస్కృతిక ప్రాంతాలను వివరింపుము.
3. (a) Write a brief note on distribution of world population?
ప్రపంచ జనాభా విస్తరణ విధానమును వివరింపుము.
(OR)
(b) What is demographic transitan and explain its stages?
జనాభా పరివర్తన అనగానేమి? దాని వివిధ దశలను వివరింపుము.
4. (a) Explain about the causes of Human migration?
మానవ వలసలకు గల కారణాలను వివరింపుము.
(OR)

(b) Define Urban settlements and describe their functions?
నగర జనపదాలు అనగానేమి? వాటి విధులను గురించి తెలుపుము.


Dr. P. Ramakrishna,
M.Sc., (Tech) - Ph.D.
LECTURER IN GEOLOGY
Nagarjuna Govt. Degree College
NALGONDA - 508 001


Professor
Department of Geography
University College of Science
Osmania University, Hyd-7.


Professor
Department of Geography
University College of Science
Osmania University, Hyd-7.


Lecturer in Geography
Nagarjuna Government College
NALGONDA - 508 001

Faculty of Social Science

B.A. II Yr. IV Semester Examination, Model Question Paper - 2015-16

GEOGRAPHY

(Economic Geography)

Paper - IV

Time: 2 ½ Hrs.

Max.Marks: 40

SECTION - A (5 x 2 = 10)

Answer the following question (very short questions).

ఈ క్రింది అన్ని ప్రశ్నలకు సమాధానములు వ్రాయుము.

1. Economic Geography (ఆర్థిక భూగోళశాస్త్రం)
2. Gold Collar Workers (గ్రోల్డ్ కాలర్ వర్కర్స్)
3. Abiotic Resources (నిర్జీవ వనరులు)
4. Extensive Agriculture (విస్తృత వ్యవసాయం)
5. Industrial Region. (పారిశ్రామిక ప్రాంతం)

SECTION - B (4 x 2 = 8)

Answer any 4 questions from the following.

ఈ క్రింది వానిలో ఏవేని 4 ప్రశ్నలకు సమాధానములు వ్రాయుము.

5. Tertiary activities (తృతీయ వృత్తులు)
6. Non - Conventional Energy Resources (సాంప్రదాయేతర ఇందన వనరులు)
7. Intensive Agriculture. (సాంద్ర వ్యవసాయం)
8. Mica Production in India (భారతదేశంలో మైకా ఉత్పత్తి)
9. Types of Fishes (చేపల రకాలు)
10. Rhur industrial Region. (రూర్ పారిశ్రామిక ప్రాంతం)
11. OPEC Countries (ఓపెక్ దేశాలు)

SECTION - C (4 x 10 = 40)

Answer all questions, each answer not more than 300 words.

అన్ని ప్రశ్నలకు సమాధానములు వ్రాయండి. 300 పదములకు మించరాదు.

12. (a) Define Economic Geography and describe its objectives?
ఆర్థిక భూగోళ శాస్త్రాన్ని నిర్వచించి, దాని లక్ష్యాలను వివరించండి.
(OR)
(b) Describe the different types of Economic activities?
వివిధ రకాల ఆర్థిక వృత్తులను వివరించుము.
13. (a) Write an account of classification of Resources?
వనరుల వర్గీకరణను గురించి వివరించుము.
(OR)
(b) Write a brief note on world distribution of Coal ?
ప్రపంచ బొగ్గు విస్తరణపై ఒక వాక్య వ్రాయుము.
14. (a) Describe the Characteristics of plantation agriculture?
తోట వ్యవసాయ లక్షణాలను వివరించుము.
(OR)
(b) Examine the various types of forests in the world?
ప్రపంచ ప్రధాన అడవుల రకాలను వివరించుము.
15. (a) Describe the various factors determines the location of industries?
పరిశ్రమల స్థాపన ఉనికిని నిర్ణయించే కారకాలను గురించి తెలుపుము.
(OR)
(b) Explain the different industrial regions in the world?
ప్రపంచ ప్రధాన పారిశ్రామిక ప్రాంతాలను తెలుపుము.

Dr. P. Ramakrishna,
M.Sc., (Tech)- Ph.D.
LECTURER IN GEOLOGY
Nagarjuna Govt. Degree College
NALGONDA - 508 001

Professor
Department of Geography
University College of Science
Osmania University, Hyd-7.

Professor
Department of Geography
University College of Science
Osmania University, Hyd-7.

Lecturer in Geography
Nagarjuna Government College
NALGONDA - 508 001.

Faculty of Social Sciences
I Semester - Examination, Model Question paper
GEOGRAPHY
(Remote Sensing)
Paper - VIII

Max.Marks: 40

SECTION - A (4 x 8 = 32)

Answer all questions, each answer not more than 300 words.

అన్ని ప్రశ్నలకు సమాధానములు వ్రాయండి. 300 వదములకు మించరాదు.


1. (a) Describe the components of Remote Sensing?
సుదూర గ్రాహక వ్యవస్థలోని విభాగాలను వివరింపుము.
(OR)
(b) Explain the Advantages of Remote Sensing?
సుదూర గ్రాహక వ్యవస్థ యొక్క ఉపయోగాలను వ్రాయుము.
2. (a) Explain the Atmospheric interactions with energy?
శక్తితో వాతావరణం ఏవిధంగా ప్రభావితం అవుతుందో వివరింపుము.
(OR)
(b) Describe the Electromagnetic Radiation Spectrum in detail?
విద్యుదయస్కాంత వర్ణపట విశిరణములను గురించి విపులంగా వ్రాయండి.
3. (a) Explain about the various types of sensors?
వివిధ రకాల ఇంబ్రియ సాదనాలను వివరింపుము.
(OR)
(b) Describe the different types of Remote sensing platforms?
సుదూర గ్రాహక వ్యవస్థలోని వేదికా రకాలను వివరింపుము.
4. (a) Explain the various types of cameras in Remote Sensing?
సుదూర గ్రాహక వ్యవస్థలోని వివిధ రకాల కెమెరాలను వివరింపుము.
(OR)
(b) Describe the development of Remote sensing in India?
భారతదేశంలో సుదూర గ్రాహక వ్యవస్థ అభివృద్ధి క్రమాన్ని వివరింపుము.


SECTION - B (4 x 2 = 8)

Answer any 4 questions from the following.


ఈ క్రింది వానిలో ఏవేని 4 ప్రశ్నలకు సమాధానములు వ్రాయుము.


5. Principles of Remote sensing. (సుదూర గ్రాహక వ్యవస్థ సూత్రం)
6. Visible light (దృశ్యోచర కాంతి)
7. Sources of Energy. (శక్తి ఆధారాలు)
8. Sun - Synchronous satellites (సూర్య ఏక కాలిక కక్ష్య ఉపగ్రహాలు)
9. Spatial Resolution (వైశాల్య వ్యవస్థ)
10. Multi Spectral Scanners (బహువర్ణపట క్రమవీక్షణలు)
11. Spectral Signature (వర్ణ పట సంతకము)


Dr. P. Ramakrishna,
M.Sc., (Tech)- Ph.D.
LECTURER IN GEOLOGY
Nagarjuna Govt. Degree College
NALGONDA - 508 001



Professor
Department of Geography
University College of Science
Osmania University, Hyd-7.


Professor
Department of Geography
University College of Science
Osmania University, Hyd-7.


Miss
Lecturer in Geography
Nagarjuna Government College
NALGONDA - 508 001.

Faculty of Social Sciences
B.A. III Yr. V Semester (Bac & Imp) Examination, Mar/Apr 2015
GEOGRAPHY
(Regional Geography of India)
Paper - V

Time: 2 ½ Hrs.

Max.Marks: 40

SECTION - A (4 x 8 = 32)**Answer all questions, each answer not more than 300 words.**

అన్ని ప్రశ్నలకు సమాధానములు వ్రాయండి. 300 వదములకు మించరాదు.

1. (a) Explain about Indo-Gangetic plains in india.
భారతదేశంలోని గంగా-సిందూ మైదానాలను గూర్చి వ్రాయుము.
(OR)
(b) Write a brief note on Indian monsoon system.
భారతదేశ ఋతుపవన వ్యవస్థపై ఒక వ్యాఖ్య వ్రాయుము.
2. (a) Describe the growth of population in india.
భారత దేశ జనభా పెరుగుదలను గూర్చి వివరింపుము.
(OR)
(b) Describe the trends of urbanization in India.
భారతదేశంలో నగరీకరణ ధోరణులను వివరింపుము.
3. (a) Explain various types of irrigations in india.
భారతదేశంలోని వివిధ నీటి పారుదల పద్ధతులను తెలుపుము.
(OR)
(b) Describe the trends of cropping pattern in india.
భారతదేశంలోని పంటల నమూనాలో వచ్చే మార్పులను వివరింపుము.
4. (a) Describe the various industrial regions of india.
భారతదేశంలోని ప్రధాన పారిశ్రామిక ప్రాంతాలను వివరింపుము.
(OR)
(b) Write an account of Roadways in India.
భారతదేశ రోడ్డు మార్గాలను వివరింపుము.

SECTION - B (4 x 2 = 8)**Answer any 4 questions from the following.**


ఈ క్రింది వానిలో ఏవేని 4 ప్రశ్నలకు సమాధానములు వ్రాయుము.

5. South - west monsoons. (నైఋతి రుతుపవనాలు)
6. North-East monsoon in India. (భారతదేశంలో నైఋతి ఋతుపవనాలు)
7. Soil Erosion. (మట్టికా క్రమక్షయం)
8. Megacities in India (భారతదేశంలో మహానగరాలు)
9. White Revolution. (శ్వేత విప్లవం)
10. Multiple Purpose Projects. (బహుళార్థక సాదక ప్రాజెక్టులు)
10. Railways. (రైలు మార్గాలు)




P. Ramakrishna
M.Sc., (Tral), Ph.D.
LECTURER IN GEOLOGY
Nagarjuna Govt. Degree College
NALGONDA - 508 001.


Lecturer in Geography
Nagarjuna Government College
NALGONDA - 508 001.



Professor
Department of Geography
University College of Science
Osmania University, Hyd-7.


Professor
Department of Geography
University College of Science
Osmania University, Hyd-7.

Faculty of Social Science
B.A. III Yr. V Semester Examination, Model Question Paper
GEOGRAPHY
(Geographic Information System)
Paper - VI

Time: 2 ½ Hrs.

Max.Marks: 40

SECTION - A (4 x 8 = 32)

Answer all questions, each answer not more than 300 words.

అన్ని ప్రశ్నలకు సమాధానములు వ్రాయండి. 300 పదములకు మించరాదు.

1. (a) Discuss the role of other diciplines in GIS Development?
భౌగోళిక సమాచార వ్యవస్థ అభివృద్ధి ఇతర శాస్త్రాల పాత్ర వివరించుము.
(OR)
(b) Explain the various components of GIS?
భౌగోళిక సమాచార వ్యవస్థలోని వివిధ అంశాలను గూర్చి వివరించుము.
2. (a) Explain the digitization process in GIS data input?
భౌగోళిక సమాచార వ్యవస్థలో డిజిటైజేషన్ ప్రక్రియ ద్వారా దత్తాంశాన్ని చేర్చే పద్ధతిని వివరించుము?
(OR)
(b) Describe about the types of data in GIS?
భౌగోళిక సమాచార వ్యవస్థలో దత్తాంశ రకాలు గురించి వివరించుము.
3. (a) Explain the data conversion methods in GIS.
భౌగోళిక సమాచార వ్యవస్థలో దత్తాంశ పరివర్తన పద్ధతులను గూర్చి తెలుసుము.
(OR)
(b) What are the methods of spatial measurements in GIS data?
GIS దత్తాంశంలో క్షేత్రీయ కొలతలను పద్ధతులను వివరించుము.
4. (a) Explain about the network analysis of GIS in detail?
భౌగోళిక సమాచార వ్యవస్థ క్షేత్రవల విశ్లేషణను విపులంగా వ్రాయుము.
(OR)
(b) What are the steps involved in Digital Terrain modeling? Explain in detail?
డిజిటల్ టెరైన్ నమునాలో రూపకల్పనలలోని వివిధ సోపానాలను వివరించుము.

SECTION - B (4 x 2 = 8)

Answer any 4 questions from the following.

ఈ క్రింది వానిలో ఏవేని 4 ప్రశ్నలకు సమాధానములు వ్రాయుము.

5. Organizational setup. (నిర్వహణపరమైన రూపకల్పన)
6. Sources of GIS data. (భౌగోళిక సమాచార వ్యవస్థ దత్తాంశ ఆదారాలు)
7. Space segment in GPS. (భౌగోళిక స్థల వ్యవస్థ (GPS) అంతరిక్ష విభాగము)
8. Define DBMS (DBMS నిర్వచించుము)
9. GIS Applications (GIS అనువర్తితాలు)
10. Data structure Conversion. (దత్తాంశ నిర్మాత పరివర్తన)
11. Buffer Analysis. (భఫర్ విశ్లేషణ)

Dr. P. Ramakrishna,
M.Sc., (Tech), Ph.D.
LECTURER IN GEOLOGY
Nagarjuna Govt. Degree College
NALGONDA - 508 001

* * * * *

Professor
Department of Geography
University College of Science
Osmania University, Hyd-7.

Professor
Department of Geography
University College of Science
Osmania University, Hyd-7.

Lecturer in Geography
garjuna Government College
NALGONDA - 508 001:

Faculty of Social Sciences

A. III Yr. VI Semester End Examination, MODEL QUESTION PAPER 20

GEOGRAPHY

(Regional Geography of Telangana)

Paper - VII

Time: 2 ½ Hrs.

Max.Marks: 40

SECTION - A (4 x 8 = 32)

Answer all questions, each answer not more than 300 words.

అన్ని ప్రశ్నలకు నమాధానములు వ్రాయండి. 300 వదములకు మించరాదు.

1. (a) Explain the drainage pattern of Telangana?
తెలంగాణ లోని నీటి పరివాహక నమూనా తెలుపుము.
(OR)
(b) Explain the major physiographic regions of Telangana?
తెలంగాణలోని ప్రధాన నైసర్గిక ప్రాంతాలను వివరించుము.
2. (a) Discuss the growth and distribution of population in Telangana?
తెలంగాణలోని జనాభా పెరుగుదల, విస్తరణలను వివరించుము?
(OR)
(b) Discuss the urbanization pattern in Telangana?
తెలంగాణలోని నగరీకరణ సరళని వివరించుము?
3. (a) Describe the various multipurpose projects in Telangana..
తెలంగాణ లోని బహుళార్థక సాధక ప్రాజెక్టులను వివరించుము.
(OR)
(b) Explain the different Irrigation methods in Telangana?
తెలంగాణలోని వివిధ రకాల నీటి పారుదల పద్ధతులను వివరించుము?
4. (a) Examine the mineral wealth in Telangana?
తెలంగాణలోని ఖనిజ సంపదను పరిశీలించుము?
(OR)
(b) Write an account of road ways in Telangana.
తెలంగాణలోని రోడ్డుమార్గాలను గురించి వ్రాయుము?

SECTION - B (4 x 2 = 8)

Answer any 4 questions from the following.

ఈ క్రింది వానిలో ఏవేని 4 ప్రశ్నలకు నమాధానములు వ్రాయుము.

5. Soil in Telangana. (తెలంగాణని మృత్తికలు)
6. South West monsoons in Telangana. (తెలంగాణలోని నైఋతి ఋతుపవనాలు)
7. Nagarjuna Sagar Project. (నాగార్జున సాగర్ ప్రాజెక్టు)
8. Singareni Colonies (సింగరేణి కాలనీస్)
9. Cropping seasons in Telangana. (తెలంగాణలోని పంట కాలాలు)
10. Mega City of Hyderabad. (హైదరాబాద్ మహానగరం)
11. Small scals Industries in Telangana. (తెలంగాణలో చిన్న తరహా పరిశ్రమలు)

Dr. P. Ramakrishna,
M.Sc. (Tech)
LECTURER IN GEOLOGY
Nagarjuna Govt. Degree College
NALGONDA - 508 001

Lecturer in Geography
Nagarjuna Government College
NALGONDA - 508 001.

Professor
Department of Geography
University College of Science
Osmania University, Hyd-7.

Professor
Department of Geography
University College of Science
Osmania University, Hy