# GOVERNMENT DEGREE COLLEGE FOR WOMEN (AUTONOMOUS) BEGUMPET, HYDERABAD-16

Affiliated To Osmania University, Re-Accredited With 'B', Grade by NAAC



# **DEPARTMENT OF GEOGRAPHY**

**SYLLABUS (2020-2021)** 

**Under MOOCS/Virtual classrooms** 

(2020-21)

# Faculty of Social Sciences B.A./B.Sc Geography under MOOCs/Virtual Classrooms GDCW (A), Begumpet, Hyderabad Scheme for CBCS in BA/B.Sc Geography

Course Type	Course Title	Hours per Week	No. of Credits
	Semester-I		
DSC 1	Elements of Geomorphology	4 T	4
Practical-I	Elements of Mapping and Interpretation	3 P	1
	Total	7	5
	Semester-II		
DSC 2	Elements of Climatology and Oceanography	4 T	4
Practical – II	Basic statistics and weather maps	3 P	1
Total		7	5
	Semester-III		
DSC 3	Human Geography	4 T	4
Practical – III	Maps and Diagrams	3 P	1
SEC - 1	Travel and Tourism	2	2
SEC - 2	Surveying Techniques and Cartography	2	2
Total		11	9
Semester-IV			
DSC 4	Economic Geography	4 T	4
Practical – IV	Map Projections	3 P	1
SEC - 3	Remote Sensing and GPS	2	2
SEC - 4	Fundamentals of GIS	2	2
	Total	11	9

# **BEGUMPET, HYDERBAD**

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

B. A/B.Sc. I year, Revised Semester wise Syllabus (w. e. f. 2019-20)

Subject: Geography

Semester – I Course code :GEO101

Paper - I: Elements of Geomorphology

#### Course Outcome:

- Learn the details of theories regarding origin and evolution of the Earth system
- Comprehend the details of theories disclosing changes on earth's crust
- Understand the classification and characteristics of Composition of the Earth
- Learn about the intrusive forces of the earth such as earthquakes, volcanoes etc.
- Learn in details about extrusive forces with examples geomorphic agents

#### UNIT-I:

- 1. Land and Sea: Formation and distribution
- 2. Theories: Isostasy, Continental Drift, Plate Tectonics

#### **UNIT-II:**

- 1. Interior of Earth
- 1. Earthquakes
- 1. Volcanoes
- 1. Rocks
- 1. Weathering
- 1. Mass-wasting

#### **UNIT-III**:

- 1. Fluvial Landforms: Erosion and Depositional
- 1. Aeolian landforms: Erosion and Depositional

#### **UNIT-IV:**

- 1. Karst topography: Erosion and Depositional
- 1. Glacial topography: Erosion and Depositional

#### Basic Texts:

- 1. Critchfield (1997): General Climatology, Prentice Hall of India, New Delhi.
- 2. Strahler A. H. and Strahler A.N. (1971): Physical Geography, Willey eastern, New Delhi.
- 3. Trewartha (1968): An Introduction to Climate, Mc Graw Hill, New Delhi.

- 1. Tikka R. N. (1999): Physical Geography, Kedarnath & Ramnath & Co., Meerut.
- 1. Dasgupta and Kapoor (1998): Physical Geography, Chand & Co., New Delhi.
- 1. Lal, D.S. (1996): Climatology, Chaitanya Publishing House, Allahabad.
- 1. Savinder Singh (2013): Geomorphology, Prayag Pustak Bhavan, Allahabad.
- 1. Sparks B.W. (1965): Geomorphogy, Brill Academic Publishers.

# PRACTICAL – I: ELEMENTS OF MAPPING

- 1. Maps: Types Cadastral Topographical Atlas General Maps Thematic Maps
- 1. Scales: Classification Statement Representative Fraction (R.F.) Construction of Linear Diagonal Scales
- 1. Representation of Relief Spot heights, Bench marks, Layer colouring, Contours Hachures and Hill shading, contours drawing.
- 1. Profile drawing and Interpretation: Simple Profile Composite profile Super imposed profile Projected profile
- 1. Interpretation of topographical sheets

# **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.

- 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.

# Semester – II

**Course code: GEO201** 

# Paper - II: Climatology and Oceanography

### **Course Outcome:**

- Understand in details with application, if applicable, atmospheric structure and composition
- Learn in details regarding temperature distribution, global pressure systems, wind systems etc.
- Understand in details with application, if applicable, relief of the ocean floor
- Learn the details of theories regarding origin of sea waves and ocean currents.

### **UNIT-I:** (Climatology)

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

#### **UNIT-II:**

- 1. Winds: Local, Periodic and Planetary
- 1. Cyclones Formation, Distribution and Impacts: Tropical and Temperate
- 1. Humidity: Absolute and Relative
- 1. Clouds: Types, Formation and Potentials
- 1. Precipitation: Types, Formation, Distribution

# **UNIT-III:** (Oceanography)

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

### **UNIT-IV:**

- 1. Waves and Tides: Types and Formation
- 1. Ocean Currents: Types and Factors Responsible Currents of Atlantic, Pacific and Indian Oceans
- 1. Ocean deposits Types and Distribution
- 1. Marine Resources and their economic significance

### **Reference Books:**

- 1. Cole and King (1975): Oceanography for Geographers, E. Arnold, London.
- 2. Ken Briggs (1985): Physical Geography: Process and System, Holder and Stoughton, London.
- 3. Rice R.J. (1996): Fundamentals of Geography Addission Wesley.
- 4. Sharma, R.C. and Vatal M. (1997): Oceanography for Geographers, Chaitanya Publishing House, Allahabad.

# PRACTICAL – II: <u>BASIC STATISTICS AND WEATHER MAPS</u> (1 Credit)

- 1. Sources of date, classification and Tabulation of data.
- 2. Central tendencies Mean, median and mode
- 3. Measure of Dispersion mean deviation and standard deviation
- 4. Correlation Karl Pearson and spearman.
- 5. Weather map: weather symbols and interpretation of Indian daily weather maps.

#### **REFERENCES:**

- 1. Aslam Mohmood: Statistical Methods in Geographical Studies. Rajesh Publication, New Delhi.
- 2. Singh, L.R. (2006): Practical Geography, Sharada Pustak Bhavan.
- 3. Gregory, S (1963): Statistical Methods and the Geographer, Longmans, London
- 4. King, L.J.: Statistical Analysis in Geography, Prentice Hall, Englewood Cliffs, New Jersey.
- 5. Zamir, A. (2002): Statistical Geography: Methods and Applications, Rawat Publications, Jaipur.
- 6. Monkhouse, F. J. and Wilkinson, F.J. (1985): Maps and Diagrams. Methuen, London
- 7. Sarkar, A. K. (1997): Practical Geography: A Systematic Approach. Orient Longman, Kolkata.

# **BEGUMPET, HYDERBAD**

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

B. A/B.Sc. II year, Revised Semester wise Syllabus (w. e. f. 2020-21)

Subject: Geography

### **Course Outcome**

- Write down the details of human geography importance
- Deliberate in details with examples race, religion and language study
- Specify the details of demographic age transition study
- Understand in details with application, if applicable, population composition
- Learn in details with application, if applicable, human settlement study

Semester – III

Paper – III: **Human Geography** 

**Course code: GEO301** 

#### **UNIT-I:**

- 1. Nature and objectives of Human Geography
- 2. Man and Environment-Physical and Cultural environment

#### **UNIT-II:**

- 1. Human Activities Primary, Secondary, Tertiary and Quaternary
- 1. Resources- Classification, Conservation, Utilization and Management, Sustainability

### **UNIT-III:**

- 1. Human Races- Origin, Classification, Characteristics and Distribution
- 1. Cultural Realms of the World
- 1. Population-World population, Growth and Distribution, Demographic Transition.

### **UNIT-IV:**

- 1. Human Migration- Types, Causes and Consequences of migration, Indian Diaspora.
- 1. Human Settlements: Forms, Structure, Functions and Patterns, Rural and Urban Settlements.
- 1. Urbanization- Impacts of Urbanization.

### **REFERENCES:**

- 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.

### **Additional Text Books:**

- 1. Majid Hussain (1999): Human Geography, Rawat Publications, Jaipur.
- 1. Ghosh B.N. (1995): Fundamentals of Population Geography, Sterling Publishers, Bangalore.
- 1. Guha J.L. and Chatoraj P.R. (1978): Economic Geography, World Press, Kolkata.
- 1. Bhende A.A. & Kanitkar T. (2006): Principles of Population Studies, Himalaya Publishing House, Hyderabad.

# Practical – III: Maps and Diagrams

- 1. One Dimensional Line Graph, Poly Graph, Bar Graph, Pyramid Graph, Pie Diagram.
- 2. Two Dimensional Squares and Rectangles
- 3. Three Dimensional Spheres and Blocks, Climatic Diagrams, Climograph, Hythergraph, Windrose.
- 4. Thematic Maps: Class intervals, Choropleth, Isopleth, Dot Maps, Flow Maps.

# **Basic Texts**

- 1. Monkhouse F.J. and Wilkinson H.R. (1968): Maps and Diagrams, Methuen, London.
- 2. Robinson A.H. et al (1995): Elements of Calligraphy, John Wiley, New York.

- 1. Singh R.L. and Dutt P.K. (1968): Elements of Practical Geography, Students Friends, Allahabad.
- 1. Misra R.P. and Ramesh A. (1989): Fundamentals of Cartography, Concept, New Delhi.

# **BEGUMPET, HYDERBAD**

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B. A/B.Sc. II year, Revised Semester wise Syllabus (w. e. f. 2020-21)
Subject: Geography
Semester — III

# SEC - 1: Travel and Tourism

Course code: 300/SEC/E

# **Course outcomes:**

- Learn in depth geography of tourism concepts
- Specify in details with examples types of tourism
- Identify in details with application, if applicable, impact of tourism
- Understand the details of tourism in India

### **UNIT-I:**

- 1. Types of Tourism Nature Tourism, Cultural Tourism, Medical Tourism, Pilgrimage.
- 2. Recent Trends of Tourism International and Regional, Domestic (India), Eco-Tourism, Sustainable Tourism, Meetings, Incentives, Conventions and Exhibitions (MICE).

#### **UNIT-II:**

- 1. Travel Formalities Travel Agency and Tour Operation Business, Functions.
- 1. Tourism in India: Tourism Infrastructure; Case Studies of Himalayas, Desert and Coastal and Heritage, National Tourism Policy.

### Reading List:

- 1. Dhar, P.N. (2006) International Tourism: Emerging Challenges and Future Prospects, Kanishka, New Delhi.
- 2. Hall, M. and Stephen, P. (2006) Geography of Tourism and Recreation Environment, Place and Space, Routledge, London.
- 3. Kamra, K. K. and Chand, M. (2007) Basics of Tourism: Theory, Operation and Practise, Kanishka Publishers, Pune.
- 4. Page, S.J. (2011) Tourism Management: An Introduction, Butterworth Heinemann USA, Chapter 2.
- 5. Raj, R. and Nigel, D. (2007) Morpeth Religious Tourism and Pilgrimage Festivals Management: An International Perspective by, CABI, Cambridge, USA.

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

B. A/B.Sc. II year, Revised Semester wise Syllabus (w. e. f. 2020-21) Subject: Geography

Semester – III

# SEC - 2: Surveying Techniques and Cartography

Course code :300/SEC/E

### **Course Outcomes:**

- Understand in details with application, if applicable, evolution of surveying
- Write down in details of classification and procedures of types of surveying
- Understand in details with application, if applicable, evolution of cartography
- Write down in details with examples map scale
- Understand the details of representation of date

### **UNIT-I:**

- 1. Surveying: Chain Survey Triangulation Method, Open & Closed Traverse.
- 2. Prismatic Compass Survey- Open & Closed Traverse, Intersection Method.
- 3. Plane Table Survey Intersection Method.

### **UNIT-II:**

- 1. Maps: Map Scale Types and Application, Reading distances on a map.
- 1. Representation of Data Symbols, Dots, Choropleth, Isopleth and Flow Diagrams, Interpretation of Thematic Maps.

# **Basic Texts:**

- 1. Monkhouse F. J. and Wilkinson M.R. (1963): Maps and Diagrams, Methuen, London.
- 2. Misra R.P. and Ramesh A. (2015): Fundamentals of Cartography, Concept, New Delhi.
- 3. Robinson A. H. (1995): Elements of Cartography, John Willey, New York.

- 1. Gopal Singh (1996): Map Work and Practical Geography, Vikas Publishing, New Delhi.
- 1. Negi B. S. (1998): Practical Geography, Kedarnath and Ramnath, Meerut.

# **BEGUMPET, HYDERBAD**

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B. A/B.Sc. II year, Revised Semester wise Syllabus (w. e. f. 2020-21)

Subject: Geography

Semester – IV Course code : GEO401

#### **Course outcome**

- Identify the classification and characteristics of concepts of economic geography
- Understand the characteristics of locational theories
- Understand in depth study of primary activities
- Learn the details of study of secondary activities
- Write down in details with examples study of tertiary and quaternary activities

# Paper - IV: Economic Geography

#### **UNIT-I:**

- 1. Definition, Approaches and Fundamental Concepts, Patterns of Development.
- 2. Types of Agriculture: Land use, Cropping Patterns and Production, Location Model of Von Thunen.
- 3. Livestock- Development and Distribution, Animal Products (Dairying, Meat and Wool).

#### **UNIT-II:**

- 1. Fisheries: Major Fishing areas of the World, Production and Trade
- 1. Forest: Types and Distribution, Forest Products, Wild Life.
- 1. Minerals: Metallic (Iron ore, Copper), Non-metallic (Limestone and Mica), Fuel (Coal, Petroleum and Natural Gas).

# **UNIT-III:**

- 1. Industries: Locational Factors, Weber's Industrial Location Theory.
- 1. Major Industries: Iron & Steel, Cotton Textiles and Information and Communication Technology Industry.
- 1. Industrial Regions of the World- Changing pattern.

# **UNIT-IV:**

- 1. Transport: Roadways, Railways, Waterways and Airways.
  - 1. Trade: International Trade, Major Imports and Exports, Balance of Trade.
- 1. WTO and Developing countries.

#### **Basic Texts:**

- 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.

#### **Additional Texts:**

1. Guha J.L. and Chatoraj P.R. (1978): Economic Geography, World Press, Kolkata.

# Practical - IV: Map Projections

- 1. Constructions and Uses.
- 2. Conical Projections: One Standard Parallel, Two Standard Parallel.
- 3. Bonne's Cylindrical Projections: Equal Area, Equal Distant.
- 4. Zenithal Projections (Polar cases only) Stereographic, Gnomonic, Zenithal Equidistant and Equal Area.

### **Basic Texts:**

- 1. Monkhouse F.J. and Wilkinson M.R. (1963): 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.

- 1. Gopal Singh (1996): Map work and Practical Geography, Vikas Publishing, New Delhi.
- 2. Negi B.S. (1998): Practical Geography, Kedarnath and Ramnath, Meerut.

# **BEGUMPET, HYDERBAD**

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B. A/B.Sc. II year, Revised Semester wise Syllabus (w. e. f. 2020-21)

Subject: Geography
Semester – IV

# SEC - 3: Remote Sensing and GPS

Course code: 300/SEC/E

### **Course Outcomes:**

- Understand the characteristics of concept of remote sensing
- Identify in details with examples study of aerial photography
- Specify the details of principals of remote sensing satellites
- Write down the classification and characteristics of interpretation and application of remote sensing
- Deliberate in details with application, if applicable, study of global positing system

#### **UNIT-I:**

- 1. Remote Sensing Definition, Development, Platforms and Types.
- 2. Satellite Remote Sensing- Principles, EMR Interaction with Atmosphere and Earth Surface, Satellites (Landsat and IRS) and Sensors.
- 3. Plane Table Survey Intersection Method.

### **UNIT-II:**

- 1. Interpretation and Application of Remote Sensing Land use/Land cover.
- 1. Global Positioning System (GPS) Principles and Uses.

# **Basic Texts:**

- 1. Compbell J.B., 2007: Introduction to Remote Sensing, Guildford Press.
- 2. Jensen J.R., 2004: Introductory Digital Image Processing: A Remote Sensing Perspective, Prentice Hall.
- 3. Joseph, G. 2005: Fundamentals of Remote Sensing, United Press India.
- 4. Lillesand T.M., Kiefer R.W. and Chipman J.W., 2004: Remote Sensing and Image Interpretation, Wiley. (Wiley Student Edition).

- 1. Singh R. B. and Murai S., 1998: Space-informatics for Sustainable Development, Oxford and IBH pub.
- 1. Wolf P. R. and Dewitt B.A., 2000: Elements of Photogrammetry: With Applications in GIS, Mc Graw Hill.

# **BEGUMPET, HYDERBAD**

(Re-accredited by NAAC with "B" Grade)
B. A/B.Sc. II year, Revised Semester wise Syllabus (w. e. f. 2020-21)

Subject: Geography Semester — IV

Course code: 400/SEC/E

# SEC - 4: Fundamentals of GIS

**Course Outcomes:** 

- Understand in details of the evolution of GIS
- Specify in depth GIS data structures
- Write down in depth GIS data analysis
- Deliberate in details with examples Application of GIS in Land use
- Identify the classification and characteristics of Application of GIS in Urban and Forest monitoring

### **UNIT-I:**

- 1. Geographical Information System (GIS) Definition and Components.
- 2. GIS Data Structures- Types (Spatial and Non-spatial), Raster and Vector Data Structure.

#### **UNIT-II:**

- 1. GIS Data Analysis Input; Geo-referencing; Editing and Output, Overlays
- 1. Application of GIS in Land Use/Land Cover, Urban Sprawl and Forests Monitoring.

### **Basic Texts:**

- 1. Bhatta, B. (2010) Analysis of Urban Growth and Sprawl from Remote Sensing, Springer, Berlin Heidelberg. 41.
- 2. Burrough, P.A., and Mc Donnell, R.A. (2000) Principles of Geographical Information System-Spatial Information System and Geo-statistics, Oxford University Press.
- 3. Chauniyal, D.D. (2010) Sudur Samvedan evam Bhogolik Suchana Pranali, Sharda Pustak Bhawan, Allahabad.
- 4. Heywoods, I., Cornelius, S and Carver, S. (2006) An Introduction to Geographical Information System, Prentice Hall.

- 1. Nag, P. (2008) Introduction to GIS, Concept India, New Delhi.
- 1. Singh, R.B. and Murai, S. (1998) Space Informatics for Sustainable Development, Oxford and IBH, New Delhi.

# **BEGUMPET, HYDERBAD**

(Re-accredited by NAAC with "B" Grade)
B.A. I YEAR MODEL QUESTION PAPER FOR THE AY- 2020-21
SUBJECT: GEOGRAPHY
Semester – I, PAPER: I

Time: Max. Marks: 60

Note: Paper consists of two parts. Questions from part-A should cover entire syllabus and part-B covering unit wise syllabus.

PART - A

Answer any four of the following. All questions carry equal marks.

 $4 \times 5 = 20 \text{ M}$ 

- 1. Describe the concept of isostasy?
- 2. Write a short note on earthquake shadow zone?
- 3. Explain the concept of erosion?
- 4. Bring out the types of deltas?
- 5. Bring out the works of wind?
- 6. Write a note on the karst topography?
- 7. Describe moraines?

#### PART B

Answer all the questions. All questions carry equal marks.

 $4 \times 10 = 40 \text{ M}$ 

- 1. A) Describe land formation and distribution?
  - Or B) explain continental drift theory in detail?
- 1. A) Describe the interior of the earth with a suitable diagram? Or
  - B) define weathering and describe the physical weathering?
- 1. A) Bring out the various erosional landforms formed by river action? Or
  - B) describe the depositional landforms made by wind action?
- 1. A) write a note on erosional land forms in karst topography? Or
  - B) what is a glacial? Explains the various types glacials with suitable examples?

# **BEGUMPET, HYDERBAD**

(Re-accredited by NAAC with "B" Grade)
B.A. I YEAR MODEL QUESTION PAPER FOR THE AY- 2020-21 (Skelton)
SUBJECT: GEOGRAPHY

Semester - II, PAPER - II: Climatology & Oceanography

Max. Marks: 60

Time:

Note: Paper consists of two parts. Questions from part-A should cover entire syllabus and part-B covering unit wise syllabus. $ PART-A $			
Answei	r any four of the following. All questions carry equal mar	ks. 4 x	5 = 20  M
1. 2. 3. 4. 5. 6. 7.			
	PART_B Answer all the questions. All questions carry equal mark	ss. 4 x	10 = 40  M
1.	A)	Or	
	B)		
1.	A)	Or	
	B)		
1.	A)	Or	
	B)		
1.	A)	Or	
	B)		

# **BEGUMPET, HYDERBAD**

(Re-accredited by NAAC with "B" Grade)
B.A. II YEAR MODEL QUESTION PAPER FOR THE AY- 2020-21 (Skelton)
SUBJECT: GEOGRAPHY

Semester – III, PAPER – III: Human Geography

Time:			Max. Marks: 60
Note: Paper consists of two parts. Questions from part-A should cover entire syllabus and part-B covering unit wise syllabus. $PART-A \\$			
Answe	er any four of the	e following. All questions carry equal marks.	$4 \times 5 = 20 \text{ M}$
1. 2. 3. 4. 5. 6. 7.			
	Answer all the	PART_B e questions. All questions carry equal marks.	4 x 10 = 40 M
1.	A)	Or	
	B)		
1.	A)	Or	
	B)		
1.	A)	Or	
	B)		
1.	A)	Or	
	B)		

# **BEGUMPET, HYDERBAD**

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B.A. II YEAR MODEL QUESTION PAPER FOR THE AY- 2020-21 (Skelton)
SUBJECT: GEOGRAPHY
Semester – IV, PAPER – IV: Economic Geography

Time	): -		Max. Marks: 60
	: Paper consist	ts of two parts. Questions from part-A should cover enti syllabus.	ire syllabus and part-B
	8	PART – A	
Answ	ver any four of	the following. All questions carry equal marks.	$4 \times 5 = 20 \text{ M}$
1 2 3 4 5 6 7		PART_B	
	Answer all t	the questions. All questions carry equal marks.	$4 \times 10 = 40 \text{ M}$
1.	A)	Or	
	B)		
1.	A)	Or	
	B)		
1.	A)	Or	
	B)		
1.	A)	Or	

B)

# **BEGUMPET, HYDERBAD**

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B.A. II YEAR MODEL QUESTION PAPER FOR THE AY- 2020-21 (Skelton)
SUBJECT: GEOGRAPHY

Semester – III, SEC - 1: Travel and Tourism

Max. Marks: 40

Time:

Note: Paper consists of two parts. Questions from part-A should cover entire syllabus and part-B covering unit wise syllabus.  PART – A			
Answer any four of the following. All questions carry equal marks. $4 \times 4 = 16 \text{ M}$			
1. 2. 3. 4. 5. 6.	PART_B Answer all the questions. All questions carry equal marks.	2 x 12 = 24 M	
1.	A) Or		
	B)		
1.	A) Or		
	B)		

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B.A. II YEAR MODEL QUESTION PAPER FOR THE AY- 2020-21 (Skelton)

SUBJECT: GEOGRAPHY

Time:

Semester – III, SEC - 2: Surveying Techniques and Cartography

Max. Marks: 40

Note: Paper consists of two parts. Questions from part-A should cover entire syllabus and part-B covering unit wise syllabus. $PART-A \\$			
Answer any four of the following. All questions carry equal marks. $4 \times 4 = 16 \text{ M}$			
1. 2. 3. 4. 5. 6.	PART_B Answer all the questions. All questions carry equal marks.	$2 \times 12 = 24 \text{ M}$	
1.	A) Or		
	B)		
1.	A) Or		
	B)		

# **BEGUMPET, HYDERBAD**

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Time:

B.A. II YEAR MODEL QUESTION PAPER FOR THE AY- 2020-21 (Skelton) SUBJECT: GEOGRAPHY

Semester – IV, SEC - 3: Remote Sensing and GPS

Max. Marks: 40

Note: Paper consists of two parts. Questions from part-A should cover entire syllabus and part-B covering unit wise syllabus.  PART – A			
Answer any four of the following. All questions carry equal marks. $4 \times 4 = 16 \text{ M}$			
1. 2. 3. 4. 5. 6.	PART_B Answer all the questions. All questions carry equal marks.	2 x 12 = 24 M	
1.	A) Or		
	B)		
1.	A) Or		
	B)		

# **BEGUMPET, HYDERBAD**

(Re-accredited by NAAC with "B" Grade)
B.A. II YEAR MODEL QUESTION PAPER FOR THE AY- 2020-21 (Skelton)
SUBJECT: GEOGRAPHY

Semester – IV, SEC -4: Fundamentals of GIS

Max. Marks: 40

Time:

Note: Paper consists of two parts. Questions from part-A should cover entire syllabus and part-B covering unit wise syllabus. $PART-A \\$			
Answei	any four of the following. All questions carry equal man	ks. $4 \times 4 = 16 \text{ M}$	
1. 2. 3. 4. 5. 6.	PART_B Answer all the questions. All questions carry equal mark	$2 \times 12 = 24 \text{ M}$	
1.	A)	Or	
	B)		
1.	A)	Or	
	B)		