

**For Candidates Admitted From 2018**

**18 MAG 22C**

**REG.NO.....**

**M.Sc. DEGREE EXAMINATIONS, APRIL 2019**

**GEOGRAPHY SEMESTER : II**

**CONCEPTS AND TRENDS IN GEOGRAPHY**

**Time : 3 Hrs**

**Max.Marks: 75**

**PART A ( 10 X 2= 20)**

**ANSWER ALL THE QUESTIONS**

- 1 . Herodotus
2. Strabo
3. Jean Brunhes
4. E.C. Semple
5. Earth Science
6. Area Studies
7. Hypothesis
8. Models
9. Welfare Geography
10. Geomatics

**PART B ( 5 X 5=25)**

**ANSWER ALL QUESTIONS**

11. a. Write a note on Ptolemy's geographical contribution.  
(or)  
b. Mention the significance of Arab's geographical thought.
12. a. Give an account on W.M. Davis modern geographical thought.  
(or)  
b. Bring out Vidal de la Blach's approach to geography.
13. a. Differentiate between determinism Vs Possibilism.  
(or)  
b. Explain about Physical V s Human Geography.
14. a. Write a note on systems approach in geography.  
(or)  
b. Explain inductive and deductive approaches.

15. a. Write a note on GIS in Geography studies.

(or)

- b. Explain the importance of sustainable development.  
Give example.

**PART - C (3 X 10 =30)**

**ANSWER ANY THREE QUESTIONS**

16. Discuss the development of Geographical thought by Greeks during medieval period
17. Describe the contribution of French School in Geographical thought
18. Analyse the four traditions in geography.
19. Explain the importance of Quantitative revolution in geography.
20. Write a note on Geo- spatial technology in geographical studies.

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**For Candidates Admitted From 2015-2017**

15 MGE 42C

REG.NO.....

**M.Sc. DEGREE EXAMINATIONS, APRIL 2019**

**GEOGRAPHY SEMESTER : IV**

**GEOGRAPHY OF INDIA**

**Time : 3 Hrs**

**Max.Marks: 75**

**Section A (10 X 2 = 20)**

**Answer ALL Questions**

1. Define Indo – Ganga Plains.
2. Name the union territories of India.
3. What is retreating monsoon?
4. How the laterite soils are distributed in India?
5. What you know about Bhakra Nangal Project?
6. Define operation flood started during 1970?
7. What are wind forms?
8. Define Bangalore -Tamil Nadu industrial region.
9. Why the north eastern states are registered with very low population density?
10. Define globalization.

**Section B (5X 5 = 25)**

**Answer ALL Questions**

11. a) Bring out the salient features of eastern and western Ghats of India. **OR**  
b) Delimit the location, extent and size of Indian sub continent.
12. a) List the factor causing climate system of India. **OR**  
b) Differentiate Southwest and Northeast monsoons.
13. a) Write short notes on canal irrigation. **OR**  
b) Bring out the scope of 3<sup>rd</sup> Green revolution.
14. a) List the advantages of solar energy. **OR**  
b) Briefly discuss about the bauxite occurrences in India.
15. a) Explain trade balance, citing India. **OR**  
b) Write short notes on express high ways of India

**Section C (3 X 10 = 30)**

**Answer any THREE Questions**

16. Illustrate and explain the Himalayan Mountain complex
17. Write an essay on the distribution of black soils of India.
18. Examine the distribution of tea and its geographical significance.
19. Discuss the locational factors of cotton textile industries with suitable examples.
20. Explain the pattern of population growth in India.

2015 –17 MGE43E

For Candidates Admitted From 2015 – 2017

REC NO.....

M.Sc., Degree Examinations, **APRIL 2019**  
SEM: IV GEOGRAPHY  
GNSS AND ITS APPLICATIONS

TIME: 3 Hrs

MAX.MARKS: 75

**PART – A (10X2=20)**  
**ANSWER ALL QUESTIONS.**

1. GNSS
2. Segments
3. GALILEO
4. QZSS
5. Static
6. GAGAN
7. DOP
8. Multipath
9. Way points
10. Mobile mapping

**PART– B (5X5=25)**  
**ANSWER ALL QUESTIONS.**

11. (a) Briefly explain the advantages and limitations of GNSS?  
(or)  
(b) Give a short note about space segments?
12. (a) Describe the NAVSTAR system.  
(or)  
(b) Explain about Signal Structure?
13. (a) Explain about the Real Time GPS survey techniques?  
(or)  
(b) What are the basic modes of GNSS survey?
14. (a) Write a short note on Anti-spoofing techniques?  
(or)  
(b) Explain about the Dilution of Precision measurements?
15. (a) Bring out the application of GNSS in Environment?  
(or)  
(b) Explain the role of GNSS in Military applications?

**PART– C (3X10=30)**  
**ANSWER ANY THREE QUESTIONS.**

16. Write an essay on segments of GNSS?
  17. Explain the GNSS systems and their importance?
  18. Give a detailed account on Real Time Kinematic survey?
  19. Narrate an essay on error sources of GNSS?
  20. Explain the role of navigational applications in GNSS?
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**For Candidates Admitted From 2015-2017**

15 MGE 41C

REG.NO.....

**M.Sc. DEGREE EXAMINATIONS, APRIL 2019**

**GEOGRAPHY**

**SEMESTER : IV**

**REGIONAL PLANNING AND DEVELOPMENT**

**Time : 3 HRS.**

**Max.Marks: 75**

**PART –A ( 10 X 2 =20)**

**ANSWER ALL THE QUESTIONS**

1. What is planning region?
2. What you know about nodal region?
3. Define imperative planning process.
4. What is IRDP?
5. Write about 'demand approach' of Industrial location?
6. Define industrial inter – dependencies.
7. List the indicators of regional disparity.
8. Define degree of urbanization.
9. What is CADP?
10. Define 'endogenous development' in regional policy.

**PART –B ( 5 X 5 =25)**

**ANSWER ALL THE QUESTIONS**

11. a. List the criteria of identifying formal region.  
(or)  
b. Differentiate formal and functional region.
12. a. Write the significance of community development in rural planning?  
(or)

- b. Give short notes on Panchayat level planning.
13. a. Explain endogenous factors of regional growth.  
(or)  
b. Write short notes on regional growth.

14. a. Briefly explain the Perrouxian View of regional imbalance.  
(or)  
b. Give short notes on blocks of information used by Ashoka Mitra.
15. a. What is mean by integrated tribal development.  
(or)  
b. What is mean by horizontal imbalance in resource transfer?

**PART –C ( 3 X 10 =30)**

**ANSWER ANY THREE QUESTIONS**

16. Explain the methods of regional delineation.
17. Write about the planning process.
18. Compare least cost and demand approach in industrial location.
19. Classify the process of Urbanization.
20. Give an account on criteria used for identification of backward areas.

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**For Candidates Admitted From 2016**

18 MAG 24E

REG.NO.....

M.Sc. DEGREE EXAMINATIONS, APRIL 2019

GEOGRAPHY SEMESTER : II

**ELECTIVE : REMOTE SENSING AND ITS APPLICATIONS IN  
GEOGRAPHY**

**Time : 3 Hrs**

**Max.Marks: 75**

PART- A (10X2=20)

ANSWER ALL THE QUESTIONS

1. Remote sensing
2. Platforms
3. Aerial remote sensing
4. Parallax
5. Spatial resolution
6. Write a few lines about SPOT.
7. Expand NDVI
8. Ground truth verification
9. How do identify urban areas in aerial photos?
10. How do prepare landuse map in satellite image?

PART- B (5X5=25)

ANSWER ALL THE QUESTIONS

11. a) Give a short note on EMR.  
(or)  
b) List out advantages of remote sensing.
12. a) Distinguish between high oblique and low oblique photos.  
(or)  
b) Bring out the advantages of Lidar.
13. a) Give an account on Microwave remote sensing.  
(or)  
b) Narrate spectral resolution
14. a) What are the difference between supervised and unsupervised classification?

(or)

- b) Give a short note about image rectification
15. a) List out application of remote sensing in land use studies.  
(or)  
b) How the aerial photos is helpful for water resource studies

PART-C (3X10=30)

ANSWER ANY THREE QUESTIONS

16. Write an essay about chronological development of remote sensing
17. Explain aerial photos and its interpretation keys
18. Mention any two satellite and its characteristics in detail
19. Image enhancement is requiring for future planning. Give a command
20. Narrate role of remote sensing for disaster studies

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18 MAG 23C

REG.NO.....

M.Sc. DEGREE EXAMINATIONS, APRIL 2019  
GEOGRAPHY SEMESTER : II  
STATISTICAL METHODS IN GEOGRAPHY

Time : 3 Hrs

Max.Marks: 75

**PART- A (10X2=20)**

**ANSWER ALL THE QUESTIONS**

1. What do you mean by data?
2. How do define large scale?
3. Define Median.
4. Define kurtosis with its formula.
5. Define Poisson distribution.
6. Why Standard Deviation is calculated?
7. Define null hypothesis.
8. Write down formula for student 't' test.
9. Define PCA.
10. What is SPSS?

**PART-B (5X5=25)**

**ANSWER ALL THE QUESTIONS**

11. a) Explain how a sample differs from a population.  
(or)  
b) Discuss the utility of statistics in geography.
12. a) What is data measurement? Explain :  
(or)  
b) What are the advantages and disadvantages of mode?
13. a) How Binominal distribution is helpful in geography?  
(or)  
b) Give an account of Normal distribution.
14. a) Give an account about F distribution.  
(or)  
b) Discuss various methods of calculating dispersion and their utility in geographical studies.

15. a) Write a short note on rank correlation with suitable examples.  
(or)  
b) What is the meaning of principle component analysis? Explain

**PART-C (3X10=30)**

**ANSWER ANY THREE QUESTIONS**

16. Elaborate the statics techniques and its uses in geography
17. How central tendency measures are helpful in spatial studies?
18. Discuss in detail about nearest neighbour analysis
19. Write an essay about sampling types and its uses
20. Explain about Pearson product moment correlation

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**For Candidates Admitted From 2018**

18 MAG 21C

REG.NO.....

M.Sc. DEGREE EXAMINATIONS, APRIL 2019

GEOGRAPHY SEMESTER : II

URBAN GEOGRAPHY

Time : 3 Hrs

Max.Marks: 75

**PART - A ( 10 X 2= 20)**

**ANSWER ALL THE QUESTIONS**

1. Urban Geography
2. Basic and Non Basic concept
3. Urbanization
4. Conurbation
5. Burgess
6. Urban Morphology
7. Primate city
8. Suburbs
9. Urban slums
10. Master plan

**PART - B ( 5 X 5= 25)**

**ANSWER ALL THE QUESTIONS**

11. a. Give a note on nature and scope of Urban Geography.  
(or)  
b. Discuss the origin and classification of City.
12. a. Explain growth and causes of Urbanization.  
(or)  
b. Write a short note on regional pattern of Urbanization in India.
13. a. Write a note on urban land use and types.  
(or)  
b. Explain Harris and Ullman model.
14. a. Discuss the characteristics of rural urban fringe.  
(or)  
b. Explain the importance of satellite town.

15. a. Write a note on urban air pollution and its causes.

(or)

b. Explain the types of urban planning.

**PART-C ( 3 X 10 = 30)**

**ANSWER ANY THREE QUESTIONS**

16. Discuss the functional classification of towns.
17. Explain about CBD and its characteristics.
18. Diagrammatically Illustrate Homer Hoyt Model.
19. Analyse the functions of central place theory.
20. Describe urban environmental Pollution and control measures.

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