

MA GEOGRAPHY
Second Semester (Repeat)
CARTOGRAPHY
(MGE - 09)

Duration: 3Hrs.

Full Marks: 70

Part-A (Objective) =20
Part-B (Descriptive) =50

(PART-B: Descriptive)

Duration: 2 hrs. 40 mins.

Marks: 50

I. Answer the following questions: (any five)

2×5=10

- Write any key essentials of a good map.
- Which organization in India prepares the maps of different scales and forms?
- What is the use of Cadastral survey?
- Illustrate an example of Non-perspective projections.
- The Statement of scale for a map is 1 cm : 5 Km. Find the RF.
- Calculate the radius of the Globe on a scale of 1: 250 000 000.
- Give the abbreviation of GIS.

II. Write short notes on: (any five)

3×5=15

- Geographic Information System.
- Scale
- Parallels of Latitudes.
- Geological map
- Conventional sign of map.
- Bonne's Projection.
- Nature of Cartography.

III. Write the answer: (any five)

5×5=25

- a) What is digital cartography?
- b) Define Map projection. Explain the basis of classification of Map projections.
- c) Define map and classify the different types of maps.
- d) Define Surveying. Illustrate few examples of engineering survey practiced.
- e) Explain the geodesy of earth.
- f) Explain the concept of scale with illustration of examples.
- g) What do you mean by thematic mapping? Explain in brief different types and techniques.

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Duration: 20 minutes

Marks – 20

(PART A - Objective Type)

I. Choose the correct answer:

1×20=20

1. The word 'Map' has been derived from word Moppa, which, in classical means a table cloth or a cloth cover, it is classical:
(a) Latin word
(b) Greek word
(c) French word
2. The Earth's crust is the thinnest of these layers composed of minerals contents:
(a) Silica & Magnesium (SIMA)
(b) Nickel & Ferrous (NIFE)
(c) Silica & Aluminium (SIAL)
3. The meridian passing through Greenwich is called:
(a) Equator
(b) Prime meridian
(c) Tropic of Capricorn
4.is considered to be coterminous with course in Practical geography.
(a) Choreography
(b) Calligraphy
(c) Cartography
5. First time the Earth's circumference was estimated at 25,000 miles by Greek philosopher:
(a) Herodotus
(b) Plato
(c) Eratosthenes
6. A high degree of legibility and relevant expression is essence for a:
(a) Cartographer
(b) Good map
(c) Surveyor
7.includes the functions within the framework of certain rules, standards and guidelines set by theoretical cartography concerned with the development of improved methods of drawing and producing of maps.
(a) Applied cartography
(b) Theoretical Cartography
(c) Statistical cartography

8. Cartography is the science of:
(a) Human coordination
(b) Human communication
(c) Human commutation
9. The historical development of cartography for Medieval period extends upto:
(a) 1500 to 1900 A.D.
(b) 400 A.D.
(c) 400 to 1500 A.D.
10. "*Maps are graphic representation of the surface of the earth*", very simple and lucidly defined by:
(a) F. J. Monkhouse
(b) L. Dudley Stamp
(c) Trewartha
11.are useful for navigation, sailors and meteorologist.
(a) Climate map
(b) Meteorological map
(c) Astrological map
12.maps are drawn on large scales 1 inch : 110 yards or 1 inch : 55 yards or 1 cm : 40 metres or 1 cm : 20 meters.
(a) Cadastral
(b) Topographical
(c) Chorographical
13. Maps can be classified into two types on the basis of according to purpose and:
(a) Scale
(b) Area
(c) Location
14. These maps shows historical events in space through the passage of time are:
(a) Political map
(b) Physical map
(c) Historical map
15. A place is at north or south of angular distance from the Equator is:
(a) Latitude
(b) Longitude
(c) North Hemisphere
16. Choropleth map portrays:
(a) Quantitative data
(b) Random data
(c) None of these

17. Reconnaissance survey used for the purpose of:

- (a) Measure the transport routes
- (b) For military purpose
- (c) For town planning

18. One of the best-known types of isoline map which shows elevation above sea level:

- (a) Contour map
- (b) Dot map
- (c) Choropleth map

19. The Tropic of Cancer is:

- (a) $66\frac{1}{2}$ degree North Lattitude
- (b) $23\frac{1}{2}$ degree North Lattitude
- (c) 90 degree North Lattitude

20. The latitude passes through the mid of Indian sub continents and dividing India into two equal halves of extra-tropical north and tropical south zone is called:

- (a) Equator
- (b) Tropic of Cancer
- (c) Arctic circle



University of Science and Technology, Meghalaya

Date Stamp: _____

SESSION 2016-17 COURSE _____ PAPER Code: _____ NAME OF THE PAPER: _____ SEMESTER _____																															
<p align="center">Instructions to Candidates</p> 1. This answer booklet has 4 pages. Please check before writing whether it is complete or in good condition. 2. Do not write your name anywhere in the answer booklet. 3. Write legibly on both sides of the paper 4. You may use some space for any rough notes or calculation on the answer booklet if you need. These rough notes, calculations must be scored out before submitting the answer booklet. 5. Do not bring any book or loose paper in the examination hall. 6. Do not tear any page from the answer booklet. 7. Do not write anything on the question paper or blotting paper or any pieces of paper while you are in the examination hall. 8. Any act of indiscipline or misbehavior in the examination hall will result in your expulsion. 9. No examinee is allowed to leave the examination hall until 30 minutes lapse after the commencement of the examination. 10. Additional answer sheet will be supplied after the main answer booklet is completed.	<p align="center">For Objective Type Questions</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Page No.</th> <th style="width: 50%;">Marks</th> </tr> </thead> <tbody> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td align="center">Total</td><td> </td></tr> </tbody> </table>	Page No.	Marks																							Total		Session: 2016-17 Course _____ Roll No. _____ Enrollment No. _____ Semester _____ Name of the Paper _____ Paper Code _____			
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