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PG CBCS
M.A. & M.Sc. Semester-IV Examination, 2021
GEOGRAPHY
PAPER: GEO 495
PRACTICAL
(SPATIAL ANALYSIS AND PROTOTYPE RESEARCH)

Full Marks: 50

Time: 4 Hours

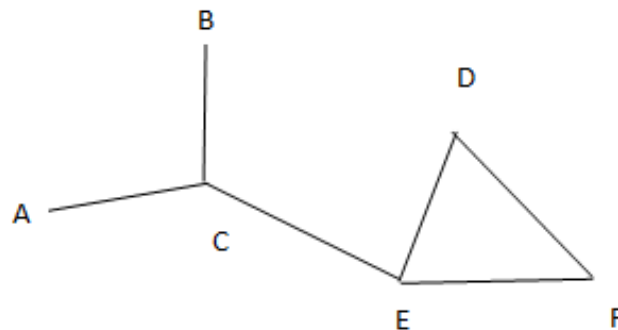
Write the answer for each unit in separate sheet

The figures in the right-hand margin indicate full marks.

GEO 495.1: SPATIAL ANALYSIS IN GEOGRAPHY

Answer ALL questions from the following:

1. Mention different methods of measuring accessibility. Find out the most accessible and the central node in the following network. 5+10

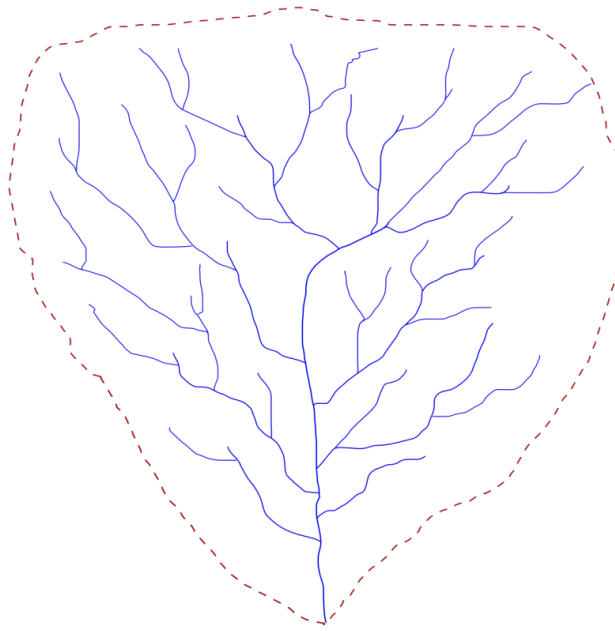


OR

- Analyze the basin shape on the basis of area and axial length from the following river basin. 15

(P.T.O.)

(2)



2. Define the following terms in the context of transport network analysis: $2 \times 5 = 10$

- a) Vertices
- b) Circuits
- c) Planar graph
- d) Region
- e) Tree like network

OR

Define the following terms in the context of a watershed: $2 \times 5 = 10$

- a) Watershed perimeter
- b) Elongation ratio
- c) Circulatory ratio
- d) Form factor
- e) Shape factor

GEO 495.2: RESEARCH EXERCISE IN GEOGRAPHY

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| 1. Evaluation of written report. | 10 |
| 2. Power point presentation. | 10 |
| 3. Viva-voce. | 5 |
