MIDNAPORE CITY COLLEGE ESTD 2017 CENTRAL LIBRARY

2026

M.A./M.Sc. 2nd Semester Examination

GEOGRAPHY

Paper : GEOC451X8

(Spatial Analysis and Spatial Modelling)

[Practical]

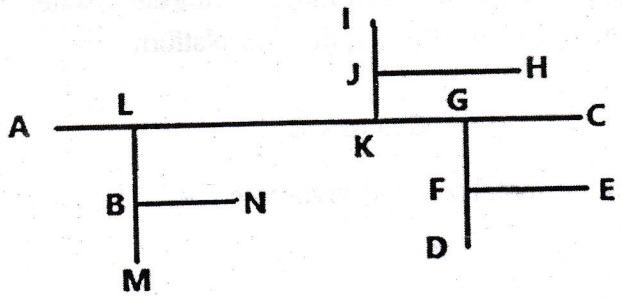
Full Marks : 15 Time : Two Hours

The figures in the margin indicate full marks.

Group - A

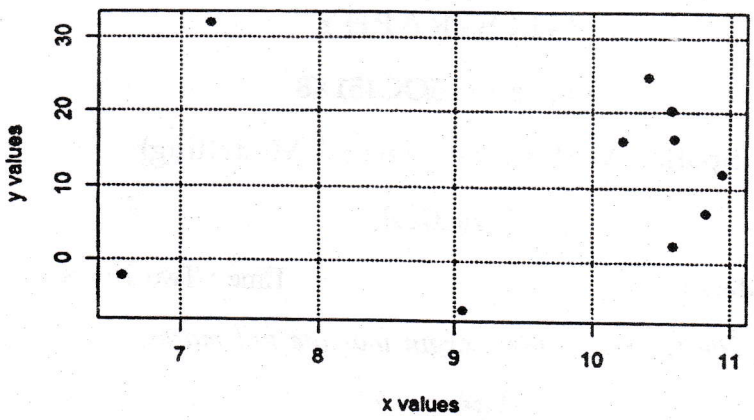
Answer any *two* questions : 5×2=10

1. Analyse the given transport network to find out the most suitable site for constructing a firefighting station.



P.T.O.

2. Use the data given below and find the distribution pattern of the spatial points; test the distribution pattern using a suitable statistical test.



3. From the given river basin, with reference to a selected toposheet, find the metrics of elongation ratio and circularity ratio.

4. Using the digital elevation model, delineate a watershed with a river network using the GIS platform.

Group - B

5. Laboratory notebook and viva-voce 5

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