(CBSGS) M. C.A. - SEM IV QP Code: 26718

G. I. S.

(3 hours)

N. B: (1) Question No 01 is compulsory. Attempt any four from remaining question.

[M. Marks: 80

(2)	Figures to the right indicate full marks.	2
0.7531.75	Assume additional data if necessary but state the same clearly.	771
(4)	Symbols have their usual meanings and tables have their usual standard	
	design unless stated otherwise.	
(5)	Use of simple calculators and statistical tables is allowed.	>
Q.1 (a)	What is Geospatial Data? Compare them with other forms of data used in usual databases?	10
(b)	Write a detailed note on various GIS operations.	10
Q.2 (a)	Why are projections important in GIS? What are the different types of Map projections used in GIS?	07
(b)	SECTION AND ADDRESS OF THE SECTION ADDRESS OF TH	08
Q.3 (a)	Explain how geographic information system uses object-oriented representations? Give example to explain the concept.	07
(b)		08
Q.4 (a)	What is the significance of buffering in GIS? Explain types of buffering.	07
(b)		08
Q.5 (a)		07
(b)	manipulation techniques. State and explain any four applications of GIS.	08
Q.6 (a)	What are shape files? What are its salient characteristics?	07
(b)		08
(0)	of a spatial feature with suitable example.	£.
Q.7 (a)	Write note on any three i. GIS for tracking and positioning ii. Overlay methods	15
7	iii. Slivers	
JET T	iv. Issues in implementing GIS v. DEM	
3		