Name:

Enrolment No:

UPES

UNIVERSITY OF PETROLEUM AND ENERGY STUDIES
End Semester Examination, July 2020

Course: Spatial Data Analysis & Modeling **Semester: 4**
CourseCode: CSOG2008 **Time: 2hr**
Programme: B Tech CSE+OGI **Max. Marks: 100**

MC	The 'boundary model' is sometime	Topological data model	correct	Temporal data mode	incorrect	Topological di	incorrect	Temporal discr	incorrect	CO2
MC	What are the two ways to represen	Vector and image	incorrect	raster and vector	correct	raster and poly	incorrect	line and polyg	incorrect	CO2
MC	The fundamental entities of vecto	points, lines, cells	incorrect	lines, points and squ	incorrect	Points , lines, t	incorrect	point, line, po	correct	CO2
MC	What does 1mm on a map drawn a	500cm	incorrect	5m	incorrect	50m	correct	50cm	incorrect	CO2
MC	Which of the following is an exam	coordinate transformati	incorrect	Buffering	incorrect	Polygon overla	incorrect	Polygon coordi	correct	CO2
MC	which of the following is not a m	conical	incorrect	cylindrical	incorrect	Azimuthal	incorrect	Geographic	correct	CO2
MC	Which of the following statements	Time can be measured a	incorrect	Time can be conside	incorrect	When measurin	incorrect	All of the abov	correct	CO2
MC	Which among the following is a se	Autodesk Revit	incorrect	STAAD Pro	incorrect	Arc GIS	incorrect	Google-maps	correct	CO4
MC	Which of the following overlay m	Point-in-polygon.	incorrect	Union	incorrect	Line-in-polygo	correct	Erase	incorrect	CO2
MC	What is location-allocation model	A method of allocating	incorrect	A method of matchir	correct	A method withi	incorrect	A method of sit	incorrect	CO2
MC	What is reclassification?	The process of combini	correct	The process of comb	incorrect	The process of	incorrect	An analytical t	incorrect	CO4
MC	Following are the functional com	hardware and software	incorrect	data	incorrect	procedure and	incorrect	All of the abov	correct	CO3
MC	Which of the following is the exa	NAD 27	correct	NAD28	incorrect	NAD29	incorrect	NAD30	incorrect	CO3
MC	Shift, rotate, scale and skew is t	Edge matching	incorrect	tranformation	correct	rubber sheeting	incorrect	None of the ab	incorrect	CO3
MC	_____system fixes the location c	Coordinate	correct	datum	incorrect	projection	incorrect	None of the ab	incorrect	CO3
MC	Select any one option that represe	geometry	incorrect	distribution of objec	incorrect	temporal chang	incorrect	All of the abov	correct	CO3
MC	_____queries find all objects that	Topological	incorrect	Directional	correct	distance	incorrect	None of the ab	incorrect	CO3
MC	_____is a statistical biasing effec	Autocorrelation	incorrect	interpolation	incorrect	regression	incorrect	Modifiable Are	correct	CO3
MC	_____is a computer simulation pr	agents and their states	incorrect	the rules governing t	incorrect	the environmen	incorrect	All of the abov	correct	CO4
MC	_____ is the process of usi	Interpolation	correct	Autocorrelation	incorrect	regression	incorrect	None of the ab	incorrect	CO4

Type	Question	Option A		Option B		Option C		Option D		CO
MC	The Mercator projection is actua	conical	incorrect	cylindrical	correct	conformal	incorrect	gnomonic	incorrect	CO3
MC	What are the common problems	Availability of suitable	incorrect	Unknown lineage.	incorrect	Expense.	incorrect	All of the above	correct	CO4
MC	What is 'rubber sheeting'?	Stretching map coordi	correct	The process of ma	incorrect	Projecting map	incorrect	None of the ab	incorrect	CO3
MC	What is the data stream?	The flow of data from	incorrect	The process by wh	correct	The process b	incorrect	The flow of da	incorrect	CO3
MC	What is 'Metadata' ?	It is ' data about data'	correct	It is 'meteorologica	incorrect	It is 'oceanic d	incorrect	It is 'contour d	incorrect	CO3
MC	TIN stands for	Traffic Internet Networ	incorrect	Triangulated Irregu	correct	Temporal Inter	incorrect	Temperature I	incorrect	CO3
TF	'Ray tracing' is a technique	0								CO3
TF	A pseudonode is a node which car	0								CO4
TF	Keyboard entry is no longer used i	0								CO2
MC	The postion of light source at infi	gnomonic	incorrect	stereograpgic	incorrect	orthographic	correct	None of the ab	incorrect	CO2
MC	Which of the following is the type	graphical	incorrect	verbal	incorrect	fraction	incorrect	All of the abov	correct	CO2
TF	Performning the same analysis in t	0								CO2
TF	Filtering could be used to smooth	1								CO2
TF	Geocoding is the process of conve	1								CO2
TF	A silver polygon may be the result	1								CO2
TF	In point mode mode digitising poi	0								CO3
TF	The Douglas-Peucker algorithm is	0								CO3
TF	Map is a graphical representation	1								CO3
TF	Raster format is not efficient whe	0								CO2
TF	Scale represents relationship betw	0								CO3
TF	Map projection is the tranformati	0								CO2
TF	Mercator and lambert maintains c	1								CO3
TF	Datum is the mathematical model	1								CO3
TF	Geo-referencing is a process of al	1								CO3
TF	Spatial database stores objects and	1								CO1
TF	Distance queries find all objects t	1								CO1
TF	Spatial join query is used to deter	1								CO1
TF	Topology is the arrangement that	1								CO1
TF	Undershoot and overshoot are two	1								CO1
TF	To perform overlay operation laye	1								CO4
TF	Regression analysis allows you	1								CO4