

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



<b>Programme</b>	∴	<b>BTech CSE AI&amp;ML</b>
<b>Semester</b>	∴	<b>IV</b>
<b>Name of the Course</b>	∴	<b>Data Mining &amp; Prediction by machine</b>
<b>Course Code</b>	∴	<b>CSAI 2005</b>

MC	Sentiment Anal	classification	incorrect	reinforcement	incorrect	clustering	incorrect	1 and 2	correct	CO3
MC	Which of the fo	K-means cluste	correct	K-medians clus	incorrect	K-modes cluste	correct	K-medoids clus	incorrect	CO3
MC	Which of the fo	Single-link	incorrect	complete link	incorrect	double link	incorrect	Both 1 and 2	correct	CO2
MC	The analysis of	pattern mining	incorrect	anomaly minin	correct	knowledge min	Incorrect	data mining	incorrect	CO1
MC	_____ is a tech	Principal comp	correct	Data discrimin	incorrect	data integratio	Incorrect	data transforma	incorrect	CO2
MC	Euclidean dista	A stage of the	incorrect	The process of	incorrect	The distance be	correct	None of these	incorrect	CO2
MC	SMO in weka st	Sequential Min	correct	Sequential Min	incorrect	Sequential Ma	Incorrect	Sequential Ma	incorrect	CO3
MC	AdaBoost is an	ensemble learn	correct	bootstrap	incorrect	holdout	Incorrect	Random sampl	incorrect	CO3
MC	Sensitivity is a	precision	incorrect	recall	correct	F-measure	Incorrect	confusion matr	incorrect	CO2
MC	Stepwise forward	Backpropogati	incorrect	attribute subset	correct	decision tree i	Incorrect	clustering	incorrect	CO3
MC	Following are t	global	incorrect	contextual	incorrect	collective	incorrect	All of the abov	correct	CO1
MC	_____ function	activation	correct	weight	incorrect	input	incorrect	output	incorrect	CO1
MC	Which of the fo	final estimate o	incorrect	tree showing hc	correct	assignment of e	incorrect	All of the abov	incorrect	CO3
MC	_____ ia a met	ANN	incorrect	SVM	correct	KNN	incorrect	Active learning	incorrect	CO3
MC	___ are the typi	Holdout	incorrect	bootstrapping	incorrect	Cross-validatio	incorrect	All of the abov	correct	CO2
MC	_____ can be	Bagging	correct	Precision	incorrect	Recall	incorrect	ROC curve	incorrect	CO3
MC	_____ refer to t	True positive	correct	true negative	incorrect	false positive	incorrect	false negative	incorrect	CO3
MC	What are the a	Vertical axis: %	incorrect	Vertical axis: %	correct	Vertical axis: %	incorrect	Vertical axis: %	incorrect	CO1
MC	which of the fo	classification	incorrect	regression	incorrect	outlier	incorrect	association	correct	CO1
MC	Which of the fo	classification	incorrect	regression	incorrect	clustering	correct	association	incorrect	CO1
MC	Nominal and or	qualitative	correct	qauntitative	incorrect	consistent	incorrect	perfect	incorrect	CO1
MC	which of the fo	data cleaning	incorrect	data visualizat	correct	data discretizat	incorrect	data reduction	incorrect	CO2
MC	To detect fraud	prediction	incorrect	outlier analysis	correct	association ana	incorrect	feature selectio	incorrect	CO4
MC	Which of the fo	Hierarchical	incorrect	Tuple based	correct	icon based	incorrect	pixel based	incorrect	CO3

MC	Various visuali	selection	incorrect	interpretation	correct	transformation	incorrect	cleaning	incorrect	CO1
MC	Self-organizing	supervised lear	incorrect	unsupervised l	correct	Semi-supervise	incorrect	reinforcement l	incorrect	CO1
MC	You are given d	supervised lear	correct	unsupervised l	incorrect	Semi-supervise	incorrect	Active learning	incorrect	CO1
MC	Which of the fo	Data selection	incorrect	Data discrimina	incorrect	Data Classifica	incorrect	Data Characteri	correct	CO1
MC	Noise is	A component o	incorrect	In the context o	correct	One of the defi	incorrect	All of the abov	incorrect	CO1
MC	Inductive learn	Machine-learni	incorrect	The learning al	incorrect	Learning by ge	correct	All of the abov	incorrect	CO1
MC	Discovery is	It is hidden wi	incorrect	The process of	correct	An extremely c	incorrect	All of the abov	incorrect	CO1
MC	Data selection i	The actual disc	incorrect	The stage of se	correct	A subject-orien	incorrect	None of these	incorrect	CO2
MC	Classification a	A subdivision o	incorrect	Measure of the	correct	The task of assi	incorrect	None of these	incorrect	CO1
MC	Bayesian classi	A class of learn	correct	Any mechanism	incorrect	An approach to	incorrect	None of these	incorrect	CO3
MC	C4.5 uses ____	information gai	incorrect	gain ratio	correct	gini index	incorrect	All of the abov	incorrect	CO3
MC	Data____tool	scrubbing	correct	auditing	incorrect	migration	incorrect	All of the abov	incorrect	CO2
MC	Data quality in	inaccuracy	incorrect	incompleteness	incorrect	timeliness	correct	All of the abov	incorrect	CO2
MC	The major issue	mining method	incorrect	user interaction	incorrect	scalability	incorrect	All of the abov	correct	CO2
MC	A classificatio	If-then rules	incorrect	decision tree	incorrect	neural network	incorrect	All of the abov	correct	CO4
TF	Data tranformat		1							CO2
TF	Data discrimina		0							CO2
TF	Outliers may be		1							CO1
TF	Active learning		1							CO1
TF	The five numbe		1							CO1
TF	Variance and m		0							CO1
TF	Measures of ob		1							CO2
TF	Binning metho		0							CO3
TF	Bagging is the		0							CO3
TF	ID3 is a backtr		0							CO3
TF	Tree pruning ov		1							CO3
TF	It may be bette		0							CO4
TF	CART stands fo		0							CO4
TF	The confusion i		1							CO3
TF	Bayesian belief		1							CO4
TF	K-means is not		1							CO3
TF	The first step i		1							CO3
TF	A binary variab		1							CO3
TF	The C paramete		1							CO3
TF	Stratified cross		1							CO4