VIVEK COLLEGE OF COMMERCE					
M.Sc.IT- IV, Sample Paper 2019-2020					
Subject : Artificial Intelligence					
Sr.No	Question	A	B	C	D
1	Which among the following could the Existential instantiation of ∃x Crown(x) ^ OnHead(x, Johnny)?	**Crown(John) ^ OnHead(John, Jonny)**	Crown(y) ^ OnHead(y, y, x)	Crown(x) ^ OnHead(x, Jonny)	Crown(John) V OnHead(John, Jonny)
2	What among the following could the universal instantiation of _____ For all x King(x) ^ Greedy(x) => Evil(x)	King(John) ^ Greedy(John) => Evil(John)	King(y) ^ Greedy(y) => Evil(y)	King(Richard) ^ Greedy(Richard) => Evil(Richard)	**All of the given statements**
3	Which is not Familiar Connectives in First Order Logic?	and	if	or	**not**
4	Consider the following statement: "The Existential Quantifier is used at the places where only some part of the subject's population is to be defined under the predicate." By reading the above statement, what are the phrases for which the existential quantifier can be applied?	For all	**For some**	For every	For each
5	Which of the mentioned point correctly defines a quantifier in AI?	Quantifiers are numbers ranging from 0-9.	**Quantifiers are the quantity defining terms which are used with the predicates.**	Quantifiers quantize the term between 0 and 1.	Quantifiers initializes the variables
6	Using primitives of conceptual dependency models, how does the statement " John is fair" be represented ?	PP → ACT	**PP ⇔ PA**	PP⇔ PP	PA ⇔ PP
7	Using primitives of conceptual dependency models, how does the statement " John went r" be represented ?	**PP ⇔ ACT**	PP ⇔ PA	PP⇔ PP	PA ⇔ PP
8	Which of the following is not a component of SCRIPT	Props	Roles	Track	**Actor**
9	Which of the following reasoning model is based on principle of analogy	Rule based reasoning	Model based reasoning	**Case based reasoning**	Multimodal reasoning
10	_____ approach of reasoning integrates different types of knowledge in the same decision support system.	Rule based reasoning	Model based reasoning	Case based reasoning	**Multimodal reasoning**