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NOIDA INSTITUTE OF ENGINEERING AND TECHNOLOGY, GREATER NOIDA

(An Autonomous Institute)

Affiliated to Dr. A.P.J. Abdul Kalam Technical University, Uttar Pradesh, Lucknow MBA

FIRST YEAR (SEMESTER-II) THEORY EXAMINATION (2020-2021) (Subjective Type)

Subject Code: AMBA0205 Max. Mks.: 30
Subject: Quantitative Techniques for Managers Time : 50 Minutes

General Instructions:

All questions are compulsory.

Question No. 1 to 15 are subjective type question carrying 3 marks each. Attempt any 10 out of 15 questions.

Q.No	Question Content	Question Image	Category	Sub Category	Marks	Options Randomization	Type	Difficulty
1	Write the name of different types of models used in Operations Research?		Attempt all the questions	15 x 2=30	3		Subjective	Brilliant
2	What do you understand by Optimization in O.R.?		Attempt all the questions	15 x 2=30	3		Subjective	Smart
3	Write any four advantages of Operation Research.		Attempt all the questions	15 x 2=30	3		Subjective	Brilliant
4	How many occupied Cells are there in a transportation problem without degeneracy?		Attempt all the questions	15 x 2=30	3		Subjective	Smart
5	How can we spot degeneracy in a transportation problem?		Attempt all the questions	15 x 2=30	3		Subjective	Brilliant

Q.No	Question Content	Question Image	Category	Sub Category	Marks	Options Randomization	Туре	Difficulty
1 6	How do we balance an unbalanced transportation model?		Attempt all the questions	15 x 2=30	3		Subjective	Smart
7	What is an unbalanced assignment problem?		Attempt all the questions	15 x 2=30	3		Subjective	Brilliant
8	What is two-players, zero-sum game?		Attempt an	15 x 2=30	3		Subjective	Smart

Q.No	Question Content	Question Image	Category	Sub Category	Marks	Options Randomization	Туре	Difficulty
9	Solve the following Game whose pay-off is &nb		Attempt all the questions	15 x 2=30	3		Subjective	Smart
10	What is total elapsed time in sequencing?		Attempt all the questions	15 x 2=30	3		Subjective	Smart
11	What is traffic intensity?		Attempt all the questions	15 x 2=30	3		Subjective	Brilliant

Q.No	Question Content	Question Image	Category	Sub Category	Marks	Options Randomization	Type	Difficulty
17	Write the formula for Expected waiting time per customer in the queue.		Attempt all the questions	15 x 2=30	3		Subjective	Smart
1 13	What are the situations which make the replacement of items necessary?		Attempt all the questions	15 x 2=30	3		Subjective	Brilliant
14	What is meaning of CPM in project management?		Attempt all the questions	15 x 2=30	3		Subjective	Smart
15	What are the application of PERT.		Attempt all the questions	15 x 2=30	3		Subjective	Brilliant