Roll No. ....

Y – 2849

B.B.A. (Sixth Semester) EXAMINATION, May/June-2021

Paper – 602

OPERATION RESEARCH

Time : Three Hours

Maximum Marks : 40   *Minimum Pass Marks : 16*

Note—Attempt *all* questions. Each question carries equal marks.

Unit-I

1. Define Operations Research. Discuss its scope, applications and limitations. Give suitable examples.   8

Unit-II

2. What do you understand by Linear Programming ? Discuss the advantages and limitations of Linear programming.   8

Unit-III

3. Write short notes on the following with the suitable examples :   8

   (i) Balanced and unbalanced transportation problems.

   (ii) Degenerate solution to a transportation problem.

Unit-IV

4. Describe the various methods of decision-making under uncertainty without use of probability.   8

Unit-V

5. Define Statistical Quality Control. Discuss the objectives and the main requirements of statistical quality control.   8

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