6. Explain the differences between object model, dynamic model and functional model.

7. What is system design ? During system design, which points must be considered when selecting an appropriate approach to data storage ?

8. Write the criteria of evaluating quality of design model.

M.Sc. Computer Science 4th Semester

OBJECT ORIENTED MODELING, ANALYSIS & DESIGN

Paper : MCS-403

Time Allowed—2 Hours]   [Maximum Marks—100

Note :— There are **Eight** questions of equal marks. Candidates are required to attempt any **Four** questions.

1. What is OMT methodology ? Discuss in detail the features of OMT methodology.

2. (a) What is the difference between Specialization, Generalization and Aggregation ?

   (b) What is an association ? Which are different types of associations ?

3. What ia Metadata ? Explain Object meta modeling and functional modeling.

4. Explain the following :

   (a) Object Navigation Notation

   (b) Class diagram.

5. (a) What is the difference between aggregation and inheritance ? Explain with an example.

   (b) What is the use of data dictionary ?