SUB: ADVANCE DATABASE:CONCEPTS & TOOLS
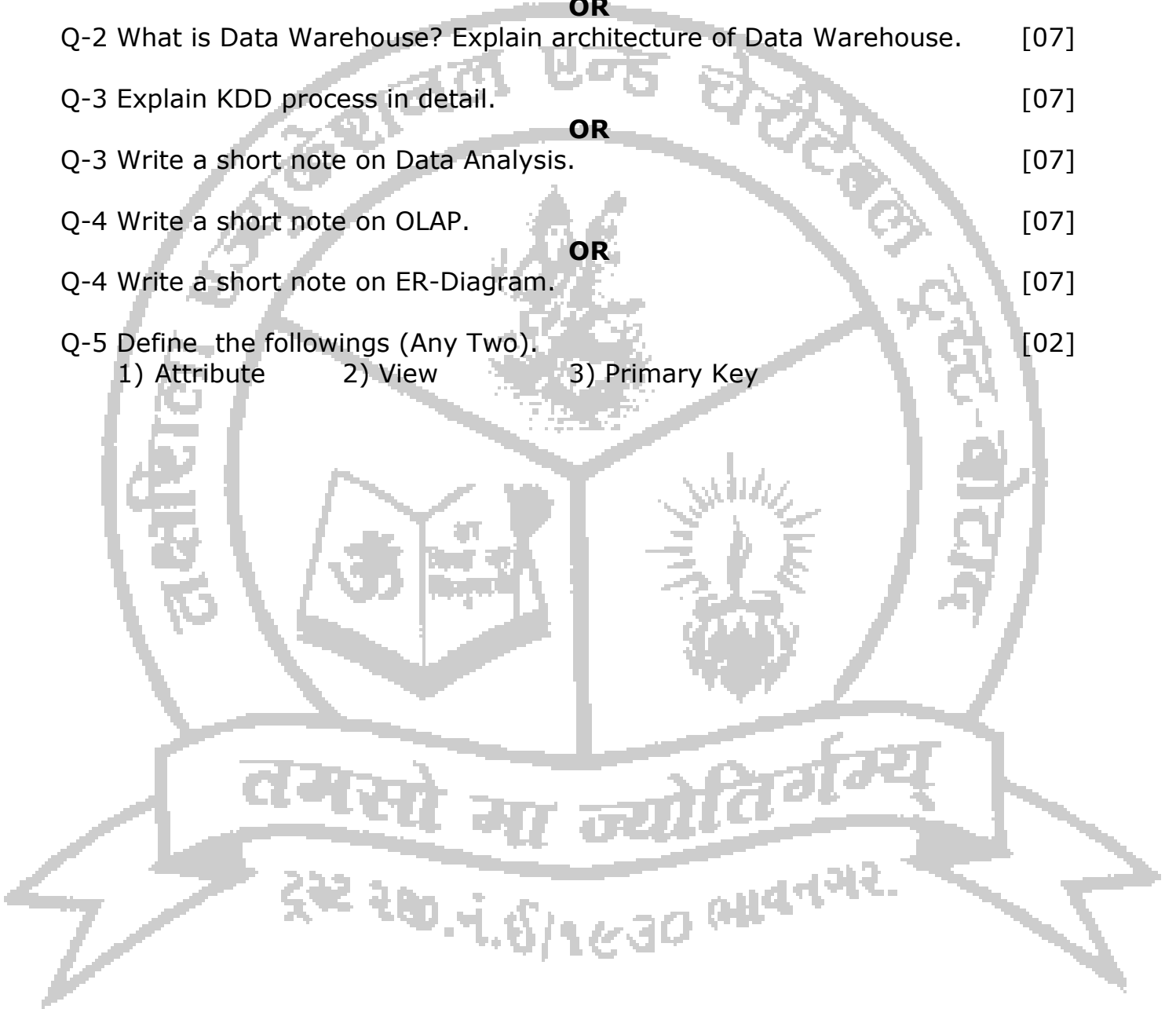
TOTAL MARKS: 30   **TIME: 1 HOUR**

Q-1 What is Xml Database? Explain it in detail.   [07]

OR

Q-1 Write a short note on Entity Relationship Model   [07]

Q-2 What is Data Warehouse? Explain characteristics of Data Warehouse. [07]

OR

Q-2 What is Data Warehouse? Explain architecture of Data Warehouse.   [07]

Q-3 Explain KDD process in detail.   [07]

OR

Q-3 Write a short note on Data Analysis.   [07]

Q-4 Write a short note on OLAP.   [07]

OR

Q-4 Write a short note on ER-Diagram.   [07]

Q-5 Define the followings (Any Two).   [02]
   1) Attribute   2) View   3) Primary Key
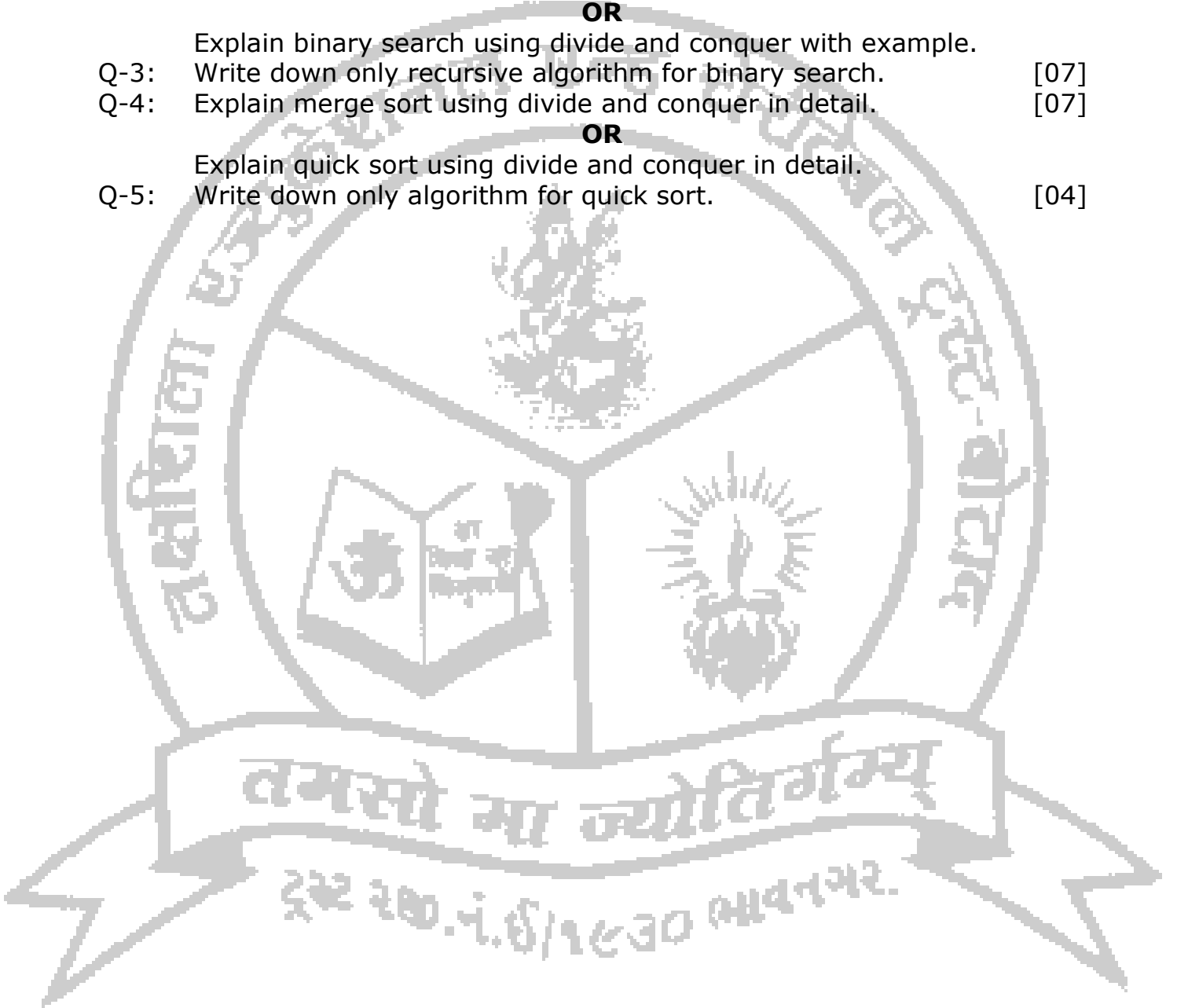
Q-1:	Explain general concept of divide and conquer with algorithm.	[05]
Q-2:	Write down only recursive algorithm for finding maximum and minimum.	[07]

<div align="center">**OR**</div>

Explain binary search using divide and conquer with example.

Q-3:	Write down only recursive algorithm for binary search.	[07]
Q-4:	Explain merge sort using divide and conquer in detail.	[07]

<div align="center">**OR**</div>

Explain quick sort using divide and conquer in detail.

Q-5:	Write down only algorithm for quick sort.	[04]

Q.1   Write a detail note on basic concept OOP Language.   (7)

OR

Q.1   What is Buzzword? Explain its types.   (7)

Q.2   Explain Selection Statement in detail with example.   (7)

OR

Q.2   How to use Polymorphism in java.   (7)

Q.3   How to use Multiple Inheritance in Java explain with example.   (7)

OR

Q.3   How to use Super keyword in Java. Explain its use with example.   (7)

Q.4   What is Exception Handling?Explain with example.   (7)

OR

Q.4   Explain Dynamic Method dispatch and Abstract class with example.   (7)

Q.5   What is Instance Variable Hinding?How to use 'this' keyword.   (2)