

# DWDM Assignment

1. What is STAR Schema? What are the component tables?
2. A Dimension table is wide; the Fact table is deep. Explain?
3. What are hierarchies and categories as applicable to a dimension table?
4. Differentiate between fully additive and Semi Additive Measures.
5. Explain the sparse nature of the data in the fact table.
6. Describe the composition of the primary keys for the dimension and fact table.
7. Discuss Data Granularity in a Data Warehouse.
8. Discuss Advantages of the Star Schema. Can you think of any disadvantages of the STAR schema?
9. Explain different types of STAR SCHEMA Keys.
10. Describe slowly changing dimensions. What are the three types? Explain each type in brief.
11. What are Junk Dimensions? Are they necessary in a data warehouse?
12. What are aggregate fact tables? Why are they needed? Give an example.
13. Describe with examples snapshot and transaction fact tables. How are they related?
14. Give an example of a value circle. Explain how a family of STARS can support a value circle.
15. What is meant by conforming the dimensions? Why is this important in a data warehouse?

**Last Date to Submit: 14<sup>th</sup> March 2014**