6662
BOARD DIPLOMA EXAMINATION
MARCH/APRIL - 2019
DIPLOMA IN INFORMATION TECHNOLOGY
ADVANCES IN INFORMATION TECHNOLOGY
FIFTH SEMESTER EXAMINATION

Time: 3 Hours   **Total Marks: 80**

PART - A   (3m x 10 = 30m)

Note 1:Answer all questions and each question carries 3 marks

   2:Answers should be brief and straight to the point and shall not exceed 5 simple sentences

1. write pros and cons for spiral model

2. Define Cluster Computing

3. Define Cloud Computing

4. list types of outlier analysis

5. Define data mining

6. Write short notes on evolution of big data

7. List the risks of Big Data

8. What is the purpose of Interaction Diagram?

9. List the goals of UML

10. List some symbols used to represent the Things present in UML

PART - B   (10m x 5 = 50m)

Note 1:Answer any five questions and each carries 10 marks

   2:The answers should be comprehensive and the criteria for valuation is the content but not the length of the answer

11. (a)Differentiate various life cycle models.
    (b)What are the ways to select appropriate life cycle model for a project?

12. List and explain briefly about various features of Cloud Computing

13. a) List and explain the challenges of Cloud Computing

     b) Define Cloud Computing and Utility Computing

14. Explain about classification & prediction of data mining

15. List & explain the forms of data upon which data mining is applied

16. **Explain about the storing of big data**.

17. **Explain how to draw a collaboration diagram by taking an example**

18. **a) List the goals of UML**.
    b) Write the purpose of class diagram.

- xxx -