Name: Enrolment No:	UPES UNIVERSITY WITH A PURPOSE

UNIVERSITY OF PETROLEUM AND ENERGY STUDIES
End Semester Examination, Dec 2019

Course: Computer Networks & Distributed Computing   **Semester: III**
Program: BBA Accounting Information Systems   **Time: 3 Hours**
Course code: DSBA 2007   **Max. Marks: 100**
Instructions:

SECTION A		(6*5 Marks Each - 30 Marks)

Write Short Notes On:

1	Client – Server	**5**
2	Switch	**5**
3	Router	**5**
4	MAN	**5**
5	NIC	**5**
6	Bandwidth	**5**

SECTION B		(3*15 Marks Each -45 Marks)

1	What is Distributed Computing? What is its advantage? Elucidate with examples.	**15**
2	How are Firewall & Antivirus different?	**15**
3	What are the desirable properties to achieve secure communication?	**15**

SECTION-C		(25 Marks)

	What is an Optical Fiber? How does it work? In what ways has fiber optics technology changed the Internet and Telecommunications industry landscape?	**25**