15. a) Write notes on character streams and byte classes in Java.

b) Discuss briefly about Java I/O classes.

Code No. : **5239/O**

FACULTY OF ENGINEERING
B.E. 2/4 (CSE) II Semester (Old) Examination, May/June 2012
DATA COMMUNICATIONS

Time: 3 Hours]   [Max. Marks : 75

Note : Answer **all** questions of Part **A**. Answer **any five** questions from Part **B**.

	PART – A	25
1.	What is a protocol ?	2
2.	Define Manchester and differential Manchester encoding.	3
3.	What is interfacing ?	3
4.	What is a parity check ?	2
5.	What is congestion ?	3
6.	What is the use of AAL protocol ?	2
7.	Compare Bus topology with star topology.	3
8.	What is Ad-HOC Networking ?	2
9.	Define FDDI.	2
10.	What are the advantages of CSMA/CD over CSMA ?	3

	PART – B	50
11.	What are the transmission impairments ? Explain all of them.	10
12.	Write a notes on :	
	a) Guided transmission media.	5
	b) Sliding window protocol.	5

(This paper contains 2 pages)   1   `P.T.O.