Code No: H4001/R13

M. Tech. II Semester Supplementary Examinations, May-2017
ADVANCED UNIX PROGRAMMING
(Common to IT, CS&T and CS&E)

Time: 3 Hours   **Max. Marks: 60**

Answer any FIVE Questions
All Questions Carry Equal Marks

1.	a	Differentiate between TCP and UDP.	6M
	b	Explain about OSI model.	6M
2.		Write a TCP client server program for echo message	12M
3.	a	Explain about bind with an example.	6M
	b	Explain TCP client – server interaction using sockets.	6M
4.	a	Discuss about IPV6 socket option.	6M
	b	What are the uses of getsockopt and setsockopt system calls? Discuss.	6M
5.	a	Discuss about signal handling server process termination.	6M
	b	Explain about DNS	6M
6.	a	Describe the role of port numbers with respect to sockets.	6M
	b	Discuss about ICMPV6 socket option.	6M
7.		Write a client server program for echo message using FIFO's.	12M
8.	a	Give brief description about the name space.	6M
	b	Demonstrate IPC between processes on different systems.	6M

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