**E.G.S.PILLAY ENGINEERING COLLEGE, NAGAPATTINAM**

**DEPARTMENT OF MCA**

**QUESTION BANK FOR IV SEMESTER II MCA**

**BATCH (2014-2017)**

**MC7404-NETWORK PROGRAMMING**

**UNIT 1-PART-A**

1. Describe layered model of TCP/IP protocol.
2. Difference between move and copy a file
3. Compare signals and interrupts in UNIX.
4. What are the common shells in use in UNIX system? How does the system decide which shell is to be executed?
5. Define symbolic links.
6. What is socket?
7. What is the purpose of concurrent server?
8. The INADDR-ANY & INADDR-BROADCAST constants defined by <netinet/in.h> header are in host byte order. Justify the statement.
9. List the eight ways of process termination.
10. Define reliable signal.

PART-B

 11(a). Write a detailed note on TCP Protocol

 (Or)

(b) How do you establish Interprocess communication in UNIX? Give example.

 12(a). Write about files and directories in UNIX

(Or)

(b) What are the different file types available in UNIX? Explain with example

 13(a) Write about files and directories in Unix

 (or)

 (b) Explain architecture of unix in details

 14(a) Explain the socket address structure.

 (or)

 (b) Explain the following function in socket programming. (i) connect () (ii) bind() (iii) listen() (iv) socket() (v) accept()

 15(a) Discuss Terminal login and network process relationship

 (or)

(b) Write short on address conversion function.