

**Babasaheb Bhimrao Ambedkar Bihar University, Muzaffarpur**  
**Directorate of Distance Education**  
**PROFESSIONAL/TECHNICAL 4<sup>TH</sup> SEMESTER**  
**MCA/4<sup>th</sup> Semeter/13-16: Master of Computer Applications**  
**Paper-MCA21: Network Programming: ASSIGNMENT QUESTIONS (Full Marks -30)**  
**ANSWER ALL QUESTIONS**

- Q. 1. What do you mean by Protocol? Describe the function of each layer of TCP/IP Protocol suite.  
Q. 2. What do you mean by I/O models? Describe different I/O models.

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**Paper-MCA22: Software Engineering: ASSIGNMENT QUESTIONS (Full Marks -30)**  
**ANSWER ALL QUESTIONS**

- Q. 1. What is software engineering? Write down characteristics of software engineering?  
Q. 2. What are the different categories of software development projects according to the COCOMO estimation model?

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**Paper-MCA23 (IT Elective-I): Advanced UNIX Programming**  
**ASSIGNMENT QUESTIONS (Full Marks -30)**  
**ANSWER ALL QUESTIONS**

- Q. 1. What is the significance of an Operating System? Explain in detail file system in Unix Operating System.  
Q. 2. What is Kernel? What are the basic features of Unix Operating System?

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**Paper-MCA24: Organization Behavior: ASSIGNMENT QUESTIONS (Full Marks -30)**  
**ANSWER ALL QUESTIONS**

- Q. 1. What is an organization? Discuss the different features of organization.  
Q. 2. What do you mean by functional structure of an organization? Discuss the advantage and limitations of functional structure.

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**Paper-MCA25(BM Elective-I): Managerial Economics**  
**ASSIGNMENT QUESTIONS (Full Marks -30)**  
**ANSWER ALL QUESTIONS**

- Q. 1. Define Managerial Economics. Explain the nature of managerial economics.  
Q. 2. Define the concept of a firm and highlight the various objective of firm.

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