

Register Number:  
Name of the Candidate:

**B.Sc. DEGREE EXAMINATION, May 2015**

**(COMPUTER SCIENCE)**

**(FIRST YEAR)**

**(PART-III)**

**160: UNIX AND C**

Time: Three hours

Maximum: 100 marks

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**SECTION-A**

**(8×5=40)**

**Answer any EIGHT questions**

1. Write short note on Advanced the Shell.
2. Discuss in detail about shell programming.
3. Write short notes on Text processing.
4. What are the needs of programming debugging tools?
5. Compare while loop and do-while loop.
6. Write short notes on operators.
7. Discuss character arrays.
8. Write a note on Pointers to functions.
9. Explain GOTO statement.
10. Discuss in detail Declaration of structure.

**SECTION-B**

**(3×20=60)**

**Answer any THREE questions**

11. a) Explain in detail about Operating System. (10)  
b) Explain the History of Unix. (10)
12. a) Explain the Unix directory system of files. (10)  
b) Write a note on debugging tools. (10)
13. Explain in detail:  
a) Programming styles in C (10)  
b) Data types (10)
14. a) Discuss in detail about Functions. (10)  
b) Write short notes Recursive Function. (10)
15. a) Explain in detail about Queue and Stack. (10)  
b) Writ short notes on Pointers. (10)

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