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Y—460—2019

FACULTY OF SCIENCE AND TECHNOLOGY

B.Sc. (Third Year) (Sixth Semester) (Backlog) EXAMINATION

NOVEMBER/DECEMBER, 2019

(CGPA Pattern)

COMPUTER SCIENCE

Paper XV

(Unix Shell Programming)

(Thursday, 12-12-2019)

Time : 10.00 a.m. to 12.00 noon

Time— Two Hours

Maximum Marks—40

N.B. :— (i) Attempt All questions.

(ii) Assume suitable data, if necessary.

1. Attempt any *four* of the following : 8

- (a) What are meta characters ?
- (b) Explain advantages of unix.
- (c) Explain Is command.
- (d) What do you mean by error recovery ?
- (e) What is Interrupt ?
- (f) What is debugging ?

2. Attempt any *two* of the following : 8

- (a) How to write and execute shell program ? Enlist only steps.
- (b) Explain the concept of I/O redirection and piping in unix.
- (c) Explain concept of exit codes.

P.T.O.

3. Attempt any *two* of the following : 8
- (a) What do you mean by filter ?
 - (b) Explain any *two* built in function.
 - (c) Write shell program for subtraction of two numbers.
4. Attempt any *one* of the following : 8
- (a) Explain concept of Get and put.
 - (b) Explain various loops used in shell program.
5. Write short notes on the following (any *two*) : 8
- (a) Devices
 - (b) Bundle
 - (c) Conditional expressions.