

This question paper contains 2 printed pages]

**BR—198—2016**

**FACULTY OF COMPUTER STUDIES**

**M.Sc. (Second Year) (Fourth Semester) EXAMINATION**

**NOVEMBER/DECEMBER, 2016**

**(Revised Course)**

**COMPUTER SCIENCE**

**Paper CS-402**

**(Linux Administration)**

**(Saturday, 19-11-2016)**

**Time : 2.00 p.m. to 5.00 p.m.**

*Time—Three Hours*

*Maximum Marks—100*

*N.B. :—* (i) Attempt *All* questions.

(ii) *All* questions carry equal marks.

(iii) Assume suitable data, if necessary.

1. (a) Explain how linux differs from other OS. 10

(b) Explain Installation procedure of linux. 10

*Or*

(c) Discuss in detail linux file system. 10

(d) Explain the concept of virtual consoles. 10

2. (a) Explain the concept of starting X. 10

(b) Explain procedure to start and stop the services manually. 10

*Or*

(c) What are the different Admin. tools ? 10

(d) Explain the concept of Run levels. 10

3. (a) Explain the concept of RPM in detail. 10

(b) Discuss system monitoring tools in detail. 10

*Or*

(c) What is graphical package in linux ? 10

(d) Explain print services in detail. 10

4. (a) Discuss 'Rad Hat Linux Network Configuration Tools'. 10

(b) Explain Network file system in detail. 10

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BR—198—2016

*Or*

- (c) Explain the concept of wireless networking. 10
- (d) Explain the concept of SAMBA. 10
- 5. Write short notes on any *four* : 20
  - (a) Shell
  - (b) DNS
  - (c) Selecting X-Window
  - (d) File Permissions
  - (e) Software Management
  - (f) H/W requirement for Linux.

BR—198—2016