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**E-564-2019**

**FACULTY OF COMPUTER SCIENCE  
B.Sc. (CS) (Third Year) (Sixth Semester)**

**MARCH/APRIL, 2019**

**(Revised Course)**

**COMPUTER SCIENCE**

**Elective (S6.4-D)**

**(Linux Administration)**

**(Saturday, 27-4-2019)**

**Time : 10.00 a.m. to 1.00 p.m.**

**Time— Three Hours**

**Maximum Marks—80**

**N.B. :- (i) All questions are compulsory.**

**(ii) Assume suitable data if necessary.**

1. Attempt the following : 20
- (a) Explain different linux distributions.
  - (b) Explain system services and run levels.
  - (c) Explain advantages of linux.
  - (d) What is shells ? Explain in brief.
2. (a) Explain Linux file system. 8
- (b) Explain file permissions concept. 7
- Or*
- (c) Explain starting X-window. 8
- (d) Explain linux loader in detail. 7
3. (a) Explain RPM for software management. 8
- (b) Explain controlling services at boot with administrative tools. 7
- Or*
- (c) Explain extracting a single file from a RPM file. 8
- (d) Explain linux boot process. 7

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4. (a) Explain system monitoring tools. 8  
(b) Explain linux printing commands. 7
- Or*
- (c) Explain network printer installation. 8  
(d) Explain hardware requirement for linux. 7
5. Write short notes on (any three) : 15  
(a) Explain virtual consoles.  
(b) Explain selecting and using X-Window.  
(c) Explain text editors in detail.  
(d) Explain RPM on the command line.  
(e) Explain steps for installing Red hat Linux.

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