(For the candidates admitted from 2017 – 2018 onwards)

B.Sc. DEGREE EXAMINATION, APRIL/MAY 2018.

Second Semester

Computer Science

SBEC — SYSTEM ADMINISTRATION AND
MAINTENANCE

Time : Three hours   Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer ALL questions.

1. Define information technology.

2. Give a note on electrostatic discharge.

3. How to install a power supply?

4. State the steps for basic trouble shooting process.

5. List the roles of an operating system.

6. Comment on windows registry.

7. Write down the tools available in a PDA.

8. Describe printers and scanners.

9. What is computer Network?

10. Construe WORM.

PART B — (5 × 5 = 25 marks)

Answer ALL questions.

11. (a) Write briefly about mother boards.

Or

(b) List down the general safety guidelines.

12. (a) Explain how to install external bays.

Or

(b) What are the tasks to create a hardware and software maintenance program?

13. (a) Give brief notes on hardware access and file and folder management.

Or

(b) Define disk cloning and write down the steps for disk cloning.

14. (a) Compare lithium – ion and lithium – polymar batteries.

Or

(b) Describe how to setup a printer.

15. (a) Brief about peer-to-peer network and its disadvantages.

Or

(b) Explain denial of service.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Write in detail about storage drives.

17. Explain how to connect all internal cables.

18. Explain partitioning and formatting of hard drives with a neat diagram.

19. Compare and contrast desktop and laptop. Mother boards processors and power management.

20. Describe LAN, WAN and WLAN.

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