

E 7947

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Reg. No.....

Name.....

B.C.A. DEGREE (C.B.C.S.S.) EXAMINATION, NOVEMBER 2017

First Semester

Core Course—INTRODUCTION TO COMPUTER

(2013 to 2016 Admissions)

Time : Three Hours

Maximum Marks : 80

Part A

Answer all questions.

1 mark each.

1. What is a hardware ?
2. What is assembly language ?
3. What are optical input devices ?
4. Compare static and dynamic RAM.
5. What are the components of CPU ?
6. Name any two optical storage devices.
7. Define Operating System.
8. What is Internet ?
9. What are sectors ?
10. What is WORM ?

(10 × 1 = 10)

Part B

Answer any eight of the following.

2 marks each.

11. What is system software ?
12. What are third generation languages ?
13. What are the different categories of networks ?
14. What is cache memory ?
15. Explain the difference between data and information.
16. What are the communication devices ?

Turn over

17. Why are most standard keyboards called 'QWERTY' keyboard ?
18. Name any two variants of the mouse.
19. What are the disadvantages of CRT monitor ?
20. What are solid state storage devices ?
21. What is the storage capacity of a standard floppy disk ?
22. List the major group of keys in a standard keyboard.

(8 × 2 = 16)

Part C

*Answer any six of the following.
4 marks each.*

23. Differentiate the main categories of computer software. Explain.
24. Explain flat-panel monitors.
25. Explain how a computer outputs sound.
26. List the basic components of CPU, and explain.
27. Compare RAM and ROM.
28. Explain the parts of a hard disk.
29. Explain the working of CD ROM.
30. List the types of operating system. Explain.
31. Explain briefly the major features of Internet.

(6 × 4 = 24)

Part D

*Answer any two of the following.
15 marks each.*

32. Describe the various types of computer languages.
33. Explain the working of CRT monitor with diagram.
34. Explain how data is organised on a magnetic disk.
35. Explain how the web works.

(2 × 15 = 30)