C14–EC–503

4632

BOARD DIPLOMA EXAMINATION, (C–14)
OCT/NOV—2018
DECE—FIFTH SEMESTER EXAMINATION

COMPUTER HARDWARE

Time : 3 hours]   [*Total Marks* : 80

PART—A   3×10=30

Instructions :   (1)   Answer **all** questions.

(2)   Each question carries **three** marks.

(3)   Answers should be brief and straight to the point and shall not exceed *five* simple sentences.

1.   Write any three processors.

2.   List any four ports on the mother board.

3.   What is the use of monitor? List the types of monitors.

4.   Write the function of vedio grabber card.

5.   Write any three differences between DESKTOP and LAPTOP.

6.   List three features of TABLET(TAB).

7.   State the purpose of INI and INF files.

8.   What is the use of Anti-Virus Software? List any three Anti-Varus Softwares.

9.   Difine operating system. List any three operating systems.

10.   Write any three system tools and its features.

PART–B 10×5=50

11. (a) Explain the different power supply connectors used in mother-board.

(b) Give 4 reasons for popularity of USB ports.

12. (a) Explain the functioning of Network Card.

(b) Explain the functioning of Sound card.

13. Explain the working principle of infrared keyboard and infrared mouse.

14. Explain the working of inkjet printer and its advantages.

15. Explain the working of scanner and list its types.

16. (a) Describe the usage of File Allocation Table (FAT) and NTFS.

(b) Write four main functions of BIOS.

17. Explain the steps in assembling a PC.

18. (a) What is formatting? Describe the process of formatting.

(b) What is the need for installation of Divice Drivers?

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