3763

BOARD DIPLOMA EXAMINATION, (C–09)

OCT/NOV—2017

DECE—SIXTH 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 the functions of chipset.

2. Write any three specifications of network card.

3. Briefly describe the importance of AGP.

4. Write the salient features of MPEG format.

5. Briefly explain the principle of DVD.

6. Draw the block diagram of digital camera.

7. Mention the contents of Boot Sector.

www.**Mic**ManaResults.co.in

8. List any six types of common computer viruses.

9. What is the use of formatting the Disk?

10. Write the tasks to be performed by Disk Manager.

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PART—B   10×5=50

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Instructions : (1) Answer *any* **five** questions.

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

               (3) Answers should be comprehensive and the criterion for valuation is the content but not the length of the answer.

11. Explain the working of Hard Disk and Data access.   10

12. Describe the functions of sound card.   10

13. With the help of block diagram, explain the working of Laser printer.   10

14. Explain the working of Scanner with the help of diagram.   10

15. *(a)* Explain the need of bios settings.   5

    (b) What is meant by booting and write the steps of booting sequence?   5

16. Explain the purpose of INI and INF files.   10

17. Write the salient steps for installation of Linux OS.   10

18. Explain about surface scanning and blocking damaged sectors.   10

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