

**DIPLOMA IN COMPUTER HARDWARE
SERVICING EXAMINATION —
DECEMBER, 2019.**

DATA RECOVERY

Time : 3 hours

Maximum marks : 75

SECTION A — (20 × 1 = 20 marks)

Answer ALL questions.

1. A computer _____ is a malicious code which self-replicates by copying itself to other programs.
(a) program (b) Virus
(c) application (d) worm

2. Which of the following is a software that, once installed on your computer, tracks your internet browsing habits and sends you popups containing advertisements related to the sites and topics you've visited?
(a) Backdoors (b) Adware
(c) Malware (d) Spyware a

3. _____ monitors the user's online activities like search queries, history pages and downloads, for selling purposes.
- (a) Ad-based spyware
 - (b) System Monitors
 - (c) Spy-trojans
 - (d) Tracking cookies
4. The virus that spread in application software is called as
- (a) Boot virus
 - (b) Macro virus
 - (c) File virus
 - (d) Anti virus
5. Sectors are typically
- (a) 256 kilobytes
 - (b) 512 bytes
 - (c) 512 kilobytes
 - (d) 1024 bytes
6. The full form of HDD is
- (a) High Disk Drive
 - (b) Hard Disk Drive
 - (c) Hard digital Disk
 - (d) High digital drive
7. For most computers, the bootstrap is stored in
- (a) RAM
 - (b) ROM
 - (c) Cache
 - (d) Tertiary storage

8. SYS command is used to
 - (a) Copy DOS system files to new disk
 - (b) Copy DOS configuration files to a new disk
 - (c) Update the DOS system files
 - (d) None of above

9. Error that causes loss of data of Volatile storage, and halts transaction processing is known as
 - (a) System error
 - (b) Application error
 - (c) System crash
 - (d) Transaction error

10. What could cause fixed disk error
 - (a) Bad ram
 - (b) Slow processor
 - (c) Incorrect CMOS setting
 - (d) No CD installed

11. Which of the following is Backup software?
 - (a) Amanda
 - (b) Bacula
 - (c) IBM Tivoli Storage Manager
 - (d) All of the mentioned

12. The purpose of backup is:
- (a) To restore a computer to an operational state following a disaster
 - (b) To restore small numbers of files after they have been accidentally deleted
 - (c) To restore one among many version of the same file for multiple backup environment
 - (d) All of the mentioned
13. What happens to files deleted from the Recycle Bin?
- (a) Clusters are flushed
 - (b) The files are moved to c:\windows\Temp
 - (c) Sectors of hard drive are blanked/erased
 - (d) Associated entries in the FAT are removed
14. Best utility to edit windows registry
- (a) Edit
 - (b) Regdt32
 - (c) Device Manager
 - (d) Control panel applets

15. What type of file is the Windows 9x registry?
- (a) File text file.
 - (b) Relational database
 - (c) Hierarchical database
 - (d) Spread sheet template
16. Which file gets executed in Windows 95 when a user chooses to shutdown or restart in DOS mode?
- (a) COMMAND.COM
 - (b) CONFIG.EXE
 - (c) DOSSTART.BAT
 - (d) AUTOEXEC.BAT
17. Which of the following could be used to edit a text file on a PC.
- (a) DOS EDIT
 - (b) Microsoft Windows NOTEPAD
 - (c) Microsoft Windows Write or Windows 95/98 Wordpad
 - (d) All of the above
18. If you need to duplicate the entire disk, which command will you use?
- (a) Copy
 - (b) Diskcopy
 - (c) Chkdsk
 - (d) Forma

19. Which command is used to set a name to a disk in DOS?
- (a) VOLUME (b) VOL
(c) LABEL (d) DISKLAB
20. F Which of the following statements is true in regard to diskcopy?
- (a) Copy and discopy are same
(b) Discopy is a built in command in dos
(c) Diskcopy can be used on hard disks
(d) Diskcopy can be Used with a floppy and a hard disk

SECTION B — (5 × 5 = 25 marks)

Answer any FIVE questions.

21. How will you decide which antivirus software to be installed in a computer?
22. Discuss the Causes and symptoms of a corrupted FAT.
23. Explain how to recover lost and cross-linked files.
24. Discuss how to recover files and directories
25. Discuss in detail how to fix a damaged partition table.

26. What is registry? Explain registry entry structure.
27. Write about common disk cloning errors.
28. Discuss advantages of disk cloning.

SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

29. Describe how to install Anti-Spyware and removal of virus.
 30. Write about Troubleshooting strategy concepts.
 31. Explain how you will revive non-bootable disk.
 32. Describe how to remove unwanted registry entries.
 33. Discuss how to solve disk cloning failures.
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