

MODEL PAPER "COMPUTER ASSEMBLY & TESTING"
FOR DIPLOMA IN COMPUTER HARDWARE & NETWORK ENGINEERING
(SEMESTER – II) ANNUAL EXAMINATION 2015 & ONWARDS

SUBJECTIVE
PART-B

Time:- 2:15 Hours

Marks:- 40

SECTION-I

Q-1. Write the Short answer to any Twelve (12) from the following questions. 2X12=24

1. What are the four primary functions of hardware?
2. What is the purpose of an expansion slot on a motherboard?
3. Which component on the motherboard is used primarily for processing?
4. What are two other names for the motherboard?
5. What is the difference between volatile and nonvolatile memory?
6. Describe how you knew which component was the sound card and which was the network card?
7. Which file system is used by floppy disks?
8. What are two file systems used by hard drives?
9. What is the difference between a hard boot and a soft boot?
10. Write the difference between the Copy command and the Xcopy command
11. Write the difference between the Chkdsk and the Scandisk commands.
12. Which file system is used by floppy disks?
13. Define system BIOS
14. List three ways that configuration information can be stored on a motherboard List
15. three types of ports that are often found coming directly off the motherboard to be used by external devices.
16. Which component on the motherboard is used primarily for processing?
17. List three kinds of memory modules
18. Why would it be difficult to install four hard drives, one CD-ROM drive, and one DVD drive in a single system?

SECTION –II

Long Questions

Attempt any two questions

2x8=16

- Q.2 Explain the effects of power supply wattage in assembling different computer configurations? 4
- Q-3-a) Identify different Processor types and its matching socket types? 4
- b) Define FAX card and Capturing card? 4
- Q-4-a) Describe Tools need and their correct uses in assembly of the computer? 4
- b) What are Do's and Don'ts of computer assembly? 4

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