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47 (1) CMFN 1-5

2013

COMPUTER FUNDAMENTALS

Paper : 1-5

Full Marks : 80

Time : Three hours

The figures in the margin indicate full marks for the questions.

1. Answer the following questions : $1 \times 5 = 5$

- (a) What was the basic component of the second generation computers ?
- (b) What is a modem ?
- (c) Give an example of a commonly used web browser.
- (d) What is a hub in a network ?
- (e) 1 MB information is equal to how much bytes ?

Contd.

2. Answer the following question in brief : $2 \times 5 = 10$

- (a) What is www ?
- (b) Distinguish between hardware and software.
- (c) What is the basic function of a compiler ?
- (d) What do you mean by wiFi ?
- (e) Mention *four* basic characteristics of a modern computer.

3. Write the differences between the following :
(any three) $5 \times 3 = 15$

- (a) Primary memory and Secondary memory.
- (b) LAN and WAN.
- (c) Second generation and third generation computers.
- (d) Micro and mini computers.

4. (a) What do you mean by Operating System ?
Briefly discuss the different types of Operating Systems. $2 + 8 = 10$

Or

What do you mean by Programming languages ? Discuss different types of Programming languages. $2 + 8 = 10$

(b) What is Internet ? Briefly discuss about its services. 5

5. (a) What do you mean by IT ? Briefly discuss about the scope and application of IT. $2 + 8 = 10$

Or

Briefly discuss about the current advances of computer technology. 10

(b) Explain the function of the CPU of a computer. 5

6. Write short notes of the following : (any four) $5 \times 4 = 20$

(a) Super Computer

(b) ROM

(c) Application software

(d) Output devices

(e) Computer Network

(f) Browsers.