47 (1) CMFN 1.5

2012

COMPUTER FUNDAMENTALS

Paper : 1.5

Full Marks – 80

Time – Three hours

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

1. Fill in the blanks of the following :   1×5=5

    (a) The instructions are executed in the —— of a computer.

    (b) —— is the network of networks throughout the world.

    (c) The software that translates the program written in assembly language to equivalent machine language is known as —— .

[Turn over

(d) The basic component of the third generation computer was ——.

(e) An operating system is classified as —— software.

2. Answer the following questions :   2×5=10

(a) What are the basic functions of an ALU ?

(b) What is booting of a computer ?

(c) Distinguish between analog and digital computers.

(d) What do you mean by browsers ? Give examples.

(e) Name the basic components of a computer.

3. Answer any *three* of the following questions :

5×3=15

(a) Briefly discuss the application of computers in business.

(b) Distinguish between main frame and super computers.

(c) Discuss the functions of an operating system.

(d) Mention the functions of most commonly used input and output devices.

4. Answer any *three* of the following questions :

(a) What do you mean by computer memory ? Discuss different types of memory.
2+8=10

(b) What is computer network ? What are the basic objectives of networking ? Briefly discuss about LAN, MAN and WAN.
2+2+6=10

(c) Briefly discuss the generationwise history of computers.
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(d) Discuss the useful services of Internet. Mention the current advances in computer technology.
6+4=10

5. Write short notes on any *four* of the following :

$5 \times 4 = 20$

(a) Wi fi communication channel

(b) Open Source Operarting System

(c) URL

(d) Office Automation

(e) High Level Languages

(f) Information Technology.