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S. No. of Question Paper : 7256

Unique Paper Code : 62345501

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Name of the Paper : IT Fundamentals

Name of the Course : B.A. (Prog.) : Computer Application :

G. E.

Semester : V

Duration.: 3 Hours

Maximum Marks : 75

(Write your Roll No. on the top immediately on receipt of this question paper.)

Question No. 1 is compulsory.

Answer any five questions from the section B.

Section A

1. (a) Differentiate between guided and unguided transmission media. 4

(b) What are registers in a CPU ? Name any two registers. 3

(c) Differentiate between RAM and ROM. 3

P.T.O.

(d) Name any *four* pointing devices used to a computer system.

(e) Explain different types of data transfer with a suitable example.

(f) Define the following terms :

Web page, home page and website

(g) What do you mean by time sharing

(h) Differentiate between peer-to-peer network.

(i) What do you understand by a primary management system ? Explain with example.

**Section B**

2. (a) What do you mean by the cache different levels of cache memory.

(b) Explain the various units of a Central

3. (a) Differentiate between impact and non-impact printers with the help of *one* example each.
- (b) What do you understand by URL ? Explain its structure.
4. (a) Describe how the different types of memories are organized in the hierarchy in a computer system.
- (b) Describe the basic organization of a computer system, and explain the functions of various units of a computer system.
5. (a) List and explain the different components of a database management system.
- (b) Describe any *five* benefits of database management system.
6. (a) Differentiate between :
- (i) Download and upload
- (ii) Online and offline
- (b) Describe any *three* applications of Internet.
7. (a) List and explain any *five* functions of an operating system.

(b) Write short notes on :

(i) Real-time operating system

(ii) Scanners

8. (a) What is data communication system ? Explain its components.

(b) List and explain the different types of browsers with the help of suitable examples used in internet.

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