(4)

(b)   What is UNIX? Draw the basic block dia-gram of a Unix system?   2

7.   (a)   Explain user management in UNIX.   2½

(b)   What is the role of Data Processing in Business?   2½

Unit-IV

8.   (a)   What is the Database? What are the different steps involved in Designing a Database?   3

(b)   Diferentiate between a Primary Key and Foreign key.   2

9.   (a)   Define E-R model with example of your college.   3

(b)   Explain the use of spreadsheet in Bussiness?   2

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S-783

B.A. (Part-I) Examination, 2015
(Old Syllabus)
COMPUTER APPLICATION
Second paper
(Operating System)

Time Allowed : Three Hours]   *[Maximum Marks : 35*

Note :   Answer five questions in all. Question No.1 is compulsory. Attempt one question from each of the four Units.

1.   Write short answers of the following: 1½×10

(i)   What is the Purpose of opereting system?

(ii)   Differentiate between CUI and GUI?

(iii)   What is BIOS?

(iv)   Define the term Kernel?

(v)   Name some operating system that are multi-user and multi-tasking.

(vi) List the important function of Operating System.

(vii) List the file permission that are used in UNIX?

(viii) What do you understand by interrupt?

(ix) Define Macros?

(x) Discuss the DOS utility commands.

Unit-I

2. (a) Define directory in context of MS-DOS. Also discuss the contents of a directory.

3

(b) How operating systems implement the concept of device independent I/O   2

3. (a) Explain that the operating system acts as a resource manager of the system. Also explain that how it manages all the re-sources.   3

(b) Discuss the following DOS commands

with proper syntax -   2

(i) COPY CON

(ii) DEL

Unit-II

4. Discuss the importance of setting up file at-tributes. How many types of file attributes can be set by the latest DOS version. Describe properties of various file attribute.   5

5. (a) How do you differentiate between exter-nal and internal DOS commands.   2

(b) Explain use of the following commands in DOS with example: 3

(i) XCOPY

(ii) RD

(iii) RENAME

Unit-III

6. (a) Explain the following UNIX commands-3

(i) chmod

(ii) cat

(iii) rmdir