

KSIRHNA KANTA HANDIQUI STATE OPEN UNIVERSTIY
M Sc IT/ MCA/ PGDCA 1st Sem. Examination, 2014

Paper - 01

Computer Fundamentals & PC Software

(Theory)

Time : 2 Hrs.

Full Marks : 50

1. Answer any three of the following questions 2×3 = 6
 - (a) What are the functions of ALU and CU?
 - (b) Define operating system? Write one advantage and one disadvantage of Multitasking system. 1+1=2
 - (c) What do you mean by distributed system? Write the advantages of this system. 1+1=2
 - (d) 'MS DOS' is a single tasking operating system - Is it true? Give one example of multitasking operating system.

2. Answer any four questions from the following 4×4 = 16
 - (a) Write three difference between windows OS and Linux OS. Give one example of each operating system (OS). 3+1=4
 - (b) 'Linux is free' – What do you mean by 'Free', explain briefly. What are the main components of Linux system, explain briefly. 2+2=4
 - (c) Write the function of the following command :
 - (i) is (ii) mkdir (iii) ps (iv) kill 1+1+1+1=4
 - (d) Explain the use of functions in a spreadsheet package with suitable examples.
 - (e) Write short notes on the following :
 - (i) FAT (ii) BUSES 2+2=4

3. Answer any two questions from the following 6×2 = 12
 - (a) Explain the memory Hierarchy of computer.
 - (b) Define network operating system? Write the function of network operating system. 3+3=6
 - (c) Explain the concept and types of booting.

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