

CACS 101-2019

Tribhuvan University
Faculty of Humanities and Social Sciences
Office of the Dean
2019

Bachelor in Computer Application
Course Title: Computer Fundamentals & Applications
Code no: CACS 101
Semester: I

Full Marks: 60
Pass Marks: 24
Time: 3 hours

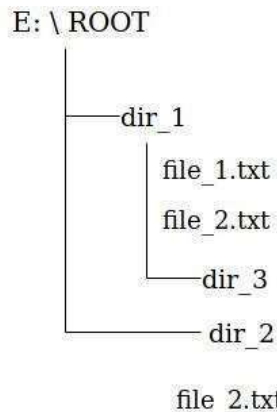
Candidates are required to give their answers in their own words as far as practicable. The figures in the margin indicate full marks.

Group B

Attempt any SIX questions.

[6x5 = 30]

1. What is Operating system? Explain the major functions of Operating System. [1+4]
2. Differentiate between primary and secondary memory. [5]
3. What is computer virus? Explain symptoms of computer virus. [1+4]
4. Define database? Explain the advantages of database over file based system. [1+4] 5.
What is proxy server? Write down the benefit of using proxy server in the organization. [5]
6. Define e-commerce? Mention the benefits of using it in the context of customer? [1+4]
7. Consider the following structure and answer the questions. (E:/> is current prompt)



- a. Write down DOS command to create above files and directories. [2]
- b. Write down DOS command to move all text file into dir_3 directory. [1]
- c. Write DOS command to delete dir_1 directory. [1]
- d. Hide the root directory from E drive. [1]

Group C

Attempt any TWO questions.

[2x10=20]

8. a. From the following spreadsheet, write the formula to address the following conditions:

ABC Company
Kathmandu

	A	B	C	D	E	F	G	H	I
1	SN	Name	Addr	Post	Salary	Bonus	Tax	HA	Total
2	1	Ram	ktm	Manager	12000				
3	2	Sham	Pokhara	Accountant	11500				
4	3	Hari	Pokhara	Engineer	10000				
	Maximum Salary								

Conditions:

1. Bonus will give 15% of salary If his/ her salary is less than and equal to 6000. [1]
 2. Tax will pay 10% of salary if his/ her post is manager [1]
 3. HA will get 5% of salary, if he/she is not from Ktm. [1]
 4. Total is equal to the sum of (Salary, Bonus and Ha) by deducting the Tax [1]
 5. Write a formula to find the maximum salary above the excel sheet. [1]
- b. What is photoshop? Explain five major tools of Photoshop. [1+4]
9. a. What is word processor? Explain the major functions available in the Home tab of word document. [5]
- b. Define network Topology? Write down the advantages of Network. [1+4]
10. a. What is animation? What are the advantages of using slide master in PowerPoint? [1+4]
- b. Explain block diagram of computer and its various components. [5]