Tribhuvan University

Faculty of Humanities & Social Sciences
OFFICE OF THE DEAN
2024

Bachelor in Computer Applications

Course Title: English I

Code No: CAEN 103

Semester: I

Full Marks: 60

Pass Marks: 24

Time: 3 hours

Candidates are required to answer the questions in their own words as far as possible.

Group B

Attempt any SIX questions. [6×5 = 30]

2. Explain the role and impact of computers in education. Include examples of software or applications that enhance learning.

3. Write a paragraph about virtual reality. It should include a topic sentence with main idea, major details, and minor details.

4. Discuss the advancements and challenges associated with machine translation. Provide examples where possible.

5. Data storage and management in computers in medicine is discussed. Elaborate on the types of data stored, methods of storage, and associated privacy concerns.

6. Describe the various computer networks and configurations. Provide real-world examples for each type of network configuration mentioned.

7. Write comparative and superlative forms of the following adjectives/ adverbs:

   little, well, quiet, awful, similar

8. How have computer graphics evolved over the years and their applications in various industries? Explain with a discussion on both 2D and 3D graphics technologies.

Group C

Attempt any TWO questions. [2×10 = 20]

9. Suppose you are running a computer dealer in Kathmandu. Write a letter to Samsung Company, 22 Floor, Lotter Towel, Seoul, South Korea expressing your intent of working as a country dealer of Samsung Galaxy Book 2.

10. Software purchasers pay a lot of money for package software. Do you think software purchasers are getting what they order for or what they need? In what conditions they do not get the particular software they order for? What factors affect in this? How do you feel from the perspectives of both the software purchaser and the developer? What are the things both the purchaser and the developer should consider before the contract to make a package of software is produced?

11. Discuss the evolution and impact of machine translation (MT) systems in artificial intelligence, focusing on the different approaches used in MT from rule-based systems to neural networks. How have expert systems contributed to the development and accuracy of machine translation? Provide examples to illustrate your points.