ALLAMA IQBAL OPEN UNIVERSITY ISLAMABAD
Department of Computer Science

Course: Introduction to Computer Concepts (3576/3422)   **Semester: Autumn, 2025**

Level: PGD(CS)

Please read the following instructions for writing your assignments. (AD, BS, BED, MA/MSc, MED) (ODL Mode).

1. All questions are compulsory and carry equal marks but within a question the marks are distributed according to its requirements.
2. Read the question carefully and then answer it according to the requirements of the questions.
3. Avoid irrelevant discussion/information and reproducing from books, study guide or allied material.
4. Handwritten scanned assignments are not acceptable.
5. Upload your typed (in Word or PDF format) assignments on or before the due date.
6. Your own analysis and synthesis will be appreciated.
7. Late assignments can't be uploaded at LMS.
8. The students who attempt their assignments in Urdu/Arabic may upload a scanned copy of their handwritten assignments (in PDF format) on University LMS. The size of the file should not exceed 5MP.

Total Marks: 100   **Pass Marks: 50**
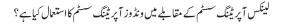
Assignment-1

Instructions: You must answer the questions in your own words. Copying from books is not allowed.

Q1.   Write a detailed note on IT? How does one differentiate between IT in finance and IT?   (20)

آئی ٹی پر تفصیلی نوٹ لکھیں فنانس اور آئی ٹی میں کیا فرق ہے؟

Q2.   Give a detailed explanation on the application of ICT in Business?   (20)

بزنس میں آئی سی ٹی کے اطلاق پر تفصیلی وضاحت کریں۔

Q3.   Write notes on different ICT devices? What is the main purpose of a Number System?   (20)

مختلف ICT آلات پر نوٹ لکھیں۔ نمبر سسٹم کا بنیادی مقصد کیا ہے؟

Q4.   Write a detailed note on different types of system softwares? How are these different from application software?   (20)

مختلف قسم کے سسٹم سافٹ ویئرز پر تفصیلی نوٹ لکھیں یہ ایپلیکیشن سافٹ ویئرسے کیسے مختلف ہیں؟

Q5.   What is the usage of a windows operating system as compared to the linux operating system?   (20)

Total Marks: 100   **Pass Marks: 50**

Assignment-2

Instructions: You must answer the questions in your own words. Copying from books is not allowed.

Q1.   Is there an advantage of using a linux system as compared to a unix system? Discuss.   (20)

کیا یونکس سسٹم کے مقابلے میں لینکس سسٹم کو استعمال کرنے کا کوئی فائدہ ہے؟ بحث کریں۔

Q2.   Differentiate between Asynchronous and Synchronous modes of transmission? Are IP addresses used in both of these?   (20)

ٹرانسمیشن کے غیر مطابقت پذیر اور ہم وقت ساز طریقوں میں فرق کریں؟ کیا ان دونوں میں آئی پی ایڈریس استعمال ہوتے ہیں؟

Q3.   How is World Wide web useful for information transfer? Are search engines useful for this purpose?   (20)

معلومات کی منتقلی کے لیے ورلڈ وائڈ ویب کس طرح مفید ہے؟ کیا سرچ انجن اس مقصد کے لیے کارآمد ہیں؟

Q4.   Is there a usage of Spreadsheet? Explain which is more useful: Spreadsheet of Word Processors?   (20)

کیا اسپریڈ شیٹ کا استعمال ہے؟ وضاحت کریں کہ کون سا زیادہ مفید ہے: ورڈ پروسیسرز کی اسپریڈ شیٹ؟

Q5.   Computer Viruses are not harmful for a Computer? Is this correct? If No, Why? What is copyright and how is it managed? What are Cyber Crimes? What are their impacts?   (20)

کیا کمپیوٹر وائرس کمپیوٹر کے لیے نقصان دہ نہیں ہیں؟ کیا یہ صحیح ہے؟ اگر نہیں تو کیوں؟ کاپی رائٹ کیا ہے اور اس کا انتظام کیسے کیا جاتا ہے؟ سائبر کرائمز کیا ہیں؟ ان کے اثرات کیا ہیں؟