

ADMISSION GUIDE

FALL 2021



THE
UNIVERSITY OF
LAHORE

Department of Computer Engineering

For Inquiry:
Admission Office:

UAN: 042 111 865 865

1-Km Defence Road, Off Raiwind Road, Near Bhoptian
Chowk Lahore.

Web: www.uol.edu.pk Email: admissions@uol.edu.pk

Program Name: BS IN COMPUTER ENGINEERING
Entry Requirements: 12 Years of Education, F.Sc (Math, Physics and Chemistry), DAE (Telecom, Electronics, Electrical, Computer), ICS (Mathematics, Physics, Computer), A-Level or Equivalent with Minimum 60% Marks. UOL Entry Test is mandatory.
Programs Recognition: HEC & PEC

Program Name: MS IN COMPUTER ENGINEERING
Specialization:

- Signal and Image Processing
- Digital Design and Embedded Systems
- Communication and Networks.

Entry Requirements: 16 Years of Education, 1. Four years BS/BE/BSc degree in Computer Engineering, Software Engineering, Electrical Engineering, Electronic Engineering, Telecommunication Engineering, or a 4 years' degree in any other related discipline of engineering from PEC accredited education institution with first division (Annual system) or CGPA of 2.5/4.0 (Semester System). 2. No third division throughout the academic career. 3. UoL Entry test and interview as per university policy/ GAT (General). 4. The candidates will be required to complete the deficiency coursework prior to the MS coursework to ensure the pre-requisite competency in B.Sc.

Programs Recognition: HEC
Duration: 2 Years (4 Semesters) (30 Cr. Hr.)
Program Location: Defense Road Campus

SAMPLE TEST BS LEVEL

Section 1 Undergraduate	Time Allowed:30 Minutes Questions: 20	Choose the correct answer for each question and encircle the corresponding choice on answer sheet.
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ENGLISH SECTION

PART -1 READING COMPREHENSION

Directions: Read the two passages and answer all the questions.

In late infancy, the baby takes an interest in games, songs and even books. Progress toward walking moves through standing, balancing, bouncing in place and walking with others. As soon as the baby walks well alone, it has passed from infancy into the active toddler stage.

- 1) A baby in a late infancy would be able to do all of the following EXCEPT
- A. Makes any speech sound
 - B. Walk well alone
 - C. show interest in games
 - D. intimate actions

PART -2-VOCABULARY

Directions: choose the answer which best explains the meaning of the word in bold type

- 1) Our Company has just **acquired** two new tractors.
- A. bought
 - B. purchased
 - C. stolen
 - D. obtained

Section 2 Undergraduate	Time: 30 Minutes Questions: 25	Choose the correct answer for each question and encircle the corresponding choice on answer sheet.
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MATHEMATICS (Aptitude Section) Part-I

- 1) If $5c + 3 = 3c + 5$, what is the value of c ?
- A. -1
 - B. 0
 - C. 1
 - D. 3

MATHEMATICS (Achievement Section) Part-II

- 1) The next term in the sequence is 3,9,19,33,51...is
- A. 55
 - B. 63
 - C. 47
 - D. None of the above

Section 3 Undergraduate	Time: 30 Minutes Questions: 30	Choose the correct answer for each question and encircle the corresponding choice on answer sheet.
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PHYSICS (Aptitude Section) Part-I

- 1) An object with the greatest temperature will appear
- A. Green
 - B. Blue
 - C. White
 - D. Orange Red

PHYSICS (Achievement Section) Part-II

- 1) Find the rectangular components of velocity 10 m/sec when one of the component make angle of 30° with the resultant
- A. 4, 3
 - B. $5\sqrt{3}, 5$
 - C. $\frac{5}{3}, 5$
 - D. None of them

SAMPLE ADMISSION TEST FOR MS COMPUTER ENGINEERING

Graduate	Time Allowed: 02 Hours	Attempt all questions. The test would comprise of 100 MCQs. Each MCQ would carry 1 mark. There would be no negative marking. Please do not write anything on question paper. Extra sheet will be provided on demand for calculations. Return this document after the test.
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Instructions:

- Attempt all questions.
- Indicate your choice by encircling the corresponding choice on the answer sheet.

Verbal Reasoning (Section A - 35%)

1. Choose the word that is most nearly similar in meaning to the word in capital letters.

INTEGRITY

- a. Questioning
- b. Transparency
- c. Honesty

d. Sadness

Quantitative Reasoning (Section B - 35%)

2. If $x+3y=12$ and $-2x-4y=24$. Then what are the values of x and y ?
- a. $x=24$ and $y=60$
 - b. $x=60$ and $y=24$
 - c. $x=-24$ and $y=60$
 - d. $x=24$ and $y=-60$

Analytical Reasoning (Section C- 30%)

3. Estelle states: When I went fishing the other day, every fish that I caught was a salmon, and every salmon I saw I caught.

Of the following statements listed below, which one can be concluded from the observations of Estelle?

- a. Salmon was the only fish that Estelle saw while she was fishing.
- b. While Estelle was fishing, she caught no fish other than salmon.
- c. In the area that Estelle fished, there were no other fish.
All of the fish that Estelle saw she caught.