The University of Lahore

Admission Kit
Department of Computer Science & IT
Under-graduate & Graduate Programs
Admission Office

1-km Raiwind Road Lahore. Ph.: 042-35963421-28
1-km Defense Road, Off Raiwind Road, Near Bhoptian Chowk Lahore. Ph.: 042-35321456-60

Web: www.uol.edu.pk  Email: admissions@uol.edu.pk
Brief Programs Information

Program Name: Bachelor of Science in Computer Science
Entry Requirements: Minimum 50% FA/F.Sc/ICS/I.Com/A-Level /DAE or Equivalent
Program Duration: 4 Years (08 semesters) 133 Credit Hours-Fulltime
Program Recognition: HEC
Program Location: Defense Road Campus

Program Name: Master of Science in Information Technology
Entry Requirements: Minimum 45% BA/B.Sc./B.Com with 14 year of education
Program Duration: 2 Years (04 semesters) 72 Credit Hours-Fulltime
Program Recognition: HEC
Program Location: Defense Road Campus

Program Name: Master in Computer Science
Entry Requirements: Minimum 45% BA/B.Sc./B.Com with 14 year of education
Program Duration: 2 Years (04 semesters) 72 Credit Hours-Fulltime
Program Recognition: HEC
Program Location: Defense Road Campus

Program Name: Master of Science in Computer Science
Entry Requirements: Minimum 2.5 CGPA or 60% BSCS (min. 130 Cr.Hrs.), MCS, M.Sc.-IT, M.Sc.(CS), Masters with 16 years of education, BCS-3 years degree program(complete the deficiency of difference of total earned credit hours towards 130 credit hours)Qualification of GAT(Generals) & Interview
Program Duration: 2 Years (04 semesters) 33 Credit Hours
Program Recognition: HEC
Program Location: Defense Road

Note: Applicants having non-mathematics background in HSSC/Inter or equivalent examination must study a deficiency math course in the first semester of BSCS. The credit hours of the deficiency course will not be counted towards degree completion.
ENGLISH SECTION

Instructions
1) Indicate your choice by encircling the corresponding choice on the answer sheet.

PART - 1 COMPREHENSION

Directions: This part contains a reading passage followed by questions based on what is stated or implied in the passage. While answering the questions; take cognizance of the facts and implications in the text. You may refer back to the passage while answering. Mark your questions on the Answer Sheet.

It is said that light is shadow of God. Once Diogenes took a lamp in his hand in day time and looked about in the streets full of people and said, “I am in search of an honest man”. Light spreads education and knowledge. In all developed societies education occupies central place. Today we see tremendous explosion of knowledge all around. Nations with strong education profiles are leaping forward and making viable economic growth and development. These nations have restores educational system its rightful place. They have enabled their citizens to live cope with and grow towards high change in society. Their educational apparatus has helped usher in a knowledge based society.

1) What did Diogenes search?
   A. Lamp
   B. An honest man
   C. Shadow of God
   D. Education

2) What is the place of education in developed societies?
   A. A bottom place
   B. Huge place
   C. Central place
   D. Small place
PART -2 VOCABULARY

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

1) His mother, a former, teacher, taught him a few things, but he was mostly self-educated

A. Taught himself
B. Born a genius
C. Loved school
D. Thought of himself

PART -3 GRAMMAR

Directions: Encircle the most appropriate option

1) This new project looks like it might do really well. First results are really....................

A. Hard-working
B. promising
C. impossible
D. understanding

Section 2

Undergraduate

Time: 40 Minutes
Questions: 35

Choose the correct answer for each question and encircle the corresponding choice on answer sheet.

MATHEMATCIS (Aptitude Section)

Instructions

1) Indicate your choice by encircling the corresponding choice on the answer sheet.
2) You can solve each problem while deciding the best of the choices given, using any available space on the question booklet.

1) If f(x) = \sin(x) for all x, then the average value of f on the interval [0, \pi] is

A. \frac{1}{2}
B. \frac{1}{\pi}
C. \frac{\pi}{2}
D. \frac{2}{\pi}
2) If the number of subsets with 4 elements of a set A is equal to the number of subsets with 5 elements of the set, then the number of subsets with 3 elements of this set is

A. 64  
   84  
B. 128  
C. None of the above

3) If \( f(a \cdot b) = f(a) + f(b) \) and \( f(2) = 3 \), then \( f(32) \) equals

A. 9  
B. 12  
C. 15  
D. None of the above

4) What is the radius of the circle with area equal to the area of the following right triangle

A. 3  
B. \( 2\sqrt{3} \)  
C. 6  
D. \( 2\sqrt{6} \)

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**LOGICAL & ANALYTICAL ABILITIES**

**Instructions**

1) Indicate your choice by encircling the corresponding choice on the answer sheet.

2) You can solve each problem while deciding the best of the choices given, using any available space on the question booklet.

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1) At an art auction each painting cost the same price and each customer only bought one painting. There were more than 3 buyers but less than 100, and the auctioneers took Rs. 1698. Can you tell us how many customers there were and the price of each painting?

A. 6 customers and each painting cost Rs. 283/-  
B. 4 customers and each painting cost Rs. 183/-  
C. 6 customers and each painting cost Rs. 134/-
D. 5 customers and each painting cost Rs. 323/-

2) Your clock is out of order. At 2:41 am it read 6:17am, at 6:17am it read 9:53am, whilst at 9:53am it read 1:29pm. What time will it read at 1:29pm?

3)
A. 5:05 pm
B. 2:41 pm
C. 6:00 pm
D. 7:13 pm

4) Ahmed, Bilal, Farhan, Danish and Ehsan are sitting in the following manner. Farhan is sitting to the left of Ahmed and right of Bilal. Two persons are sitting between Ahmed and Bilal. Bilal and Danish are adjacent to each other. What is the sitting arrangement of Ahmed, Bilal, Farhan, Danish and Ehsan?

A. Ahmed, Bilal, Farhan, Danish, Ehsan
B. Ehsan, Bilal, Danish, Farhan, Ahmed
C. Bilal, Danish, Farhan, Ahmed, Ehsan
D. Ahmed, Farhan, Danish, Bilal, Ehsan

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<tr>
<th>Section 4 Undergraduate</th>
<th>Time: 20 Minutes</th>
<th>Questions: 25</th>
<th>Choose the correct answer for each question and encircle the corresponding choice on answer sheet.</th>
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COMPUTER FUNDAMENTALS

Instructions

1) Indicate your choice by encircling the corresponding choice on the answer sheet.

2) You can solve each problem while deciding the best of the choices given, using any available space on the question booklet.

1) The processor must be able to communicate with all devices. They are connected together by a communications channel called a _________________.

A. Memory
B. Processor
C. Bus
D. All of the above
2) RAM is a form of short term or __________

   A. Non-volatile
   B. Volatile
   C. Permanent
   D. A & B

Instructions for Applicants:

1. The applicants are encouraged to read the following information before filling up the Admission Form carefully and avoid overwriting.

2. The applicant either male or female, who fulfills the requirements prescribed by the University and conditions mentioned in the prospectus, is eligible to apply for admission.

3. The selection of applicant shall be on merit, determined on the basis of marks obtained in the last examination, entry test and such other criteria as University may determine.

4. Application for admission must be made on the prescribed form annexed to the Prospectus which may be obtained from Admission Office on payment of Rs.1500/- during office hours. An applicant can also download the Admission Form from the University website and send it through courier. In such cases, he or she will send a bank draft of Rs. 1700/- in favour of “The University of Lahore”. The foreign applicants will send a bank draft of US$ 25/-.

5. An applicant can apply in four degree programs at a time. However, he or she will be charged Rs. 300/- per choice excluding the first one.

6. Certified photocopies of the following documents are required to be attached with the Admission Form:
   a) 02 colored passport size photographs
   b) Matric, Inter, Bachelor and Master degrees
   c) CNIC card of the applicant of Form B of the father

7. Don’t attach Domicile, Character and Hope Certificate with Admission Form.

8. In case, an applicant does not have certified copies of the required documents, the same may be attested by University Admission Officer on submission of the original documents.

9. The Admission Form must be filled and signed by the applicant.
10. Applicants awaiting final exam result or those who have appeared in supplementary exam are eligible to apply for admission. However, in such cases, they will be deprived of qualification weightage and will be purely evaluated on the basis of their test score.

11. The applicants bearing O-Level, A-Level qualification or equivalent are required to submit their IBCC Equivalence Certificate in order to determine their eligibility. If an applicant fails to produce the same, he or she will not be given qualification weightage.

12. The foreign applicants are required to attach the following additional documents with the Admission Form:

   a) Proof of Citizenship
   b) Copy of Passport
   c) Copy of Visa
   d) Visa issuance and expiry proof
   e) Copy of ID card

13. Please mention your mailing address clearly.

14. In order to get admission in MS/M.Phil. Programs, the applicants are required to qualify UOL Entrance Test, Interview or both. The successful applicants will have to qualify NTS test after admission as per policy of HEC. If they fail to do the needful, they will not be issued degree and final transcript. For admission in Ph.D., GRE (subject) test is mandatory.

15. The UOL offers female hostel. The rent per room is Rs. 10,000-12,000/- per month. The University transport is available throughout the Lahore City.

16. All admissions are granted on “Provisional” basis. It is the sole responsibility of the selected applicants to provide proof of their eligibility within 3 weeks of the declaration of the result failing which their admission will be cancelled.

17. The applicants are strongly encouraged to take special care of the fee deadlines otherwise he or she will be deprived of admission.

18. In order to avoid any inconvenience, please submit your Admission Form before the admission closing date.

19. The University is authorized to amend its rules including fee any time without prior intimation.

20. The University has not authorized any publisher or person for preparation of its Entrance Tests. So please beware of such elements.

21. Incomplete Admission Forms will be rejected. Documents once submitted are non-returnable.