Admission Kit
Institute of Molecular Biology & Biotechnology
Under-graduate, Program
Admission Office

1-Km Raiwind Road Lahore.
1-Km Defense Road, Off Raiwind Road, Near BhohtianChowk Lahore.
Contact No.: 042 111-865-865
Web: www.uol.edu.pk  Email: admissions@uol.edu.pk
Brief Programs Information

Program Name:  
- BSBiochemistry & Biotechnology
- BS Microbiology & Biotechnology
- BS Biotechnology
- BS Molecular Biology & Biotechnology
- BS Environmental Sciences

Entry Requirements:  Minimum 45% 12 years of education/HSSC/Intermediate
Program Duration:  4 Years (08 semesters) 131 Credit Hours
Program Recognition:  HEC
Program Location:  Defense Road Campus

SAMPLE TEST BS Level

Section 1  Time Allowed: 1 Hour
Undergraduate  Questions: 30

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

PART 1 (LANGUAGE)

Instructions

A. In each of the following questions, pick the one most nearly opposite in meaning.

1) Vicious
   A. depraved
   B. moral
   C. profligate
   D. iniquitous
   E. ferocious

2) Heterogeneous
   A. uniform
   B. dispersed
   C. abridged
   D. mixture
   E. simple

3) Redundant
   A. insufficient
   B. expanded
   C. profound
   D. numerous
   E. verbose

4) Sedulity
   A. silent
B. justify
C. futility
D. carelessness
E. verbosity
B. For each blank, pick the word or set or a word that best reflects the sentence’s meaning.

5) A judgment made before all the facts are known must be called_____________
   A. harsh
   B. deliberated
   C. sensible
   D. premature
   E. fair

6) The Supreme Court reversal of its previous ruling on the issue of provincial rights
   __________ its reputation for ________________.
   A. Sustained……………..inconsistency
   B. Compromised………………….consistency
   C. Maintain………………fallacy
   D. Spoiled………………flexibility
   E. Dispelled………………vacillation

7) The study on Pseudomonas is so _________________ that it leaves no part of life cycle of this
   notorious pathogen.
   A. comprehensive
   B. haphazard
   C. sporadic
   D. prolific
   E. clean

8) As the French archaeologist expected, living condition in Gandhara civilization were
   _________________ worse than those of days
   A. broadly
   B. astonishing
   C. significantly
   D. begrudgingly
   E. awful

PART II: (SCIENTIFIC)

1) When two amino acids joined, the alpha-amino group of one amino acid acts as nucleophile to
   displace the hydroxyl group of another amino acid which leads to formation of a peptide bond. This
   joining is achieved by a reaction mechanism called
   A. electrophilic
   B. neutrophilic
   C. condensation
   D. amino acid substitution
   E. hydrolysis
2) The peptide bond in proteins is considered to be
   A. no planar
   B. linear
   C. planar
   D. non rigid
   E. hydrophobic

3) Alpha helices are found in proteins
   A. right handed form
   B. left handed form
   C. right and left handed form
   D. in parallel form
   E. in antiparallel form

4) Secondary structure in proteins are predominantly stabilized by
   A. Covalent interaction
   B. hydrophobic interactions
   C. hydrogen bonding
   D. Vander wall forces
   E. dipole interactions

5) Which of the following residues usually occur in beta turns?
   A. proline and glycine
   B. alanine lysine
   C. valine and cysteine
   D. threonine and serine
   E. glutamate and asparate

**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 Exam, 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.
### BS Biochemistry & Biotechnology

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**131**  
Total Semesters Fee: **456,800**

Registration fee (Payable Once): **20,000**

Total Fees: **476,800**

### BS Molecular Biology & Biotechnology

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**130**  
Total Semesters Fee: **454,000**

Registration fee (Payable Once): **20,000**

Total Fees: **474,000**

### BS Biotechnology

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**131**  
Total Semesters Fee: **456,800**

Registration fee (Payable Once): **20,000**

Total Fees: **476,800**

7
## BS Micro Biology & Biotechnology

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Total Semesters Fee: 459,600
Registration fee (Payable Once): 20,000
Total Fees: 479,600

## BS Environmental Sciences

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Total Semesters Fee: 462,600
Registration fee (Payable Once): 20,000
Total Fees: 482,600