

# Prince Salman College of Professional Education

Sultana Foundation, Farash Town, Lehtrar Road, GPO Box#2700, Islamabad, Pakistan

Website: www.sultana-foundation.org. Email: sultana@isb.paknet.com.pk

Tel: (051) 2243501-05 (Ext-140), Fax: 2242922



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## Character/Provisional Certificate

This is to certify that Mr./Miss Ummama Mehtab s/o/d/o  
Mr. Mehtab Ahmed has been a bonafied student of this College  
during academic session 2017-2019 has qualified/been placed in the  
compartment, in the Annual/Supplementary Examination by the Federal Board of Intermediate  
and Secondary Education, Islamabad held Annual 2019 as a regular/former student.

His/her particulars are as under:

1. Registration No: 1911044190
2. College Roll No: 17-579 Class CMP-II
3. Date of Birth, as per our record: (In figures) 06-05-2001  
(In words) Sixth May, Two Thousand and one
4. Examination passed: HSSC-II
5. Marks obtained: 739/1100 Division/Grade: B
6. Subjects of study: General-Science
7. General Remarks: During stay in the College the conduct remained Good
8. Additional remarks: /

Dated: 30.8.19

Principal  
Principal

# ALLAMA IQBAL MODEL SCHOOL

Tarlai Kalan Islamabad



## CHARACTER/PROVISIONAL CERTIFICATE

SECONDARY SCHOOL CERTIFICATE EXAMINATION

SESSION 2015 to 2017

*This is to certify that*

Mr./Ms Ummama Mehtab

Son/D of Mr. Mehtab Ahmed

Roll No. 159447

Appeared in Secondary school Certificate Examination of the  
Federal Board of Intermediate & Secondary Education, Islamabad

held in March/April, 2017 as a bonafide student of this Institution.

According to the result received from the Board, he/she has been declared successful

Securing 712 marks out of 1050 and placed in B grade.

His/Her date of birth as per record is:

in figures 06-05-2001.

in words Sixth May, T.T. and one.

He/She passed the said examination in the following subjects:

- |                            |                                     |                           |
|----------------------------|-------------------------------------|---------------------------|
| 1. Urdu                    | 2. English                          | 3. Islamiyat (Comp)       |
| 4. Pak Studies             | 5. Mathematics                      | 6. Chemistry/H. Economics |
| 7. Physics/Islamic Studies | 8. Comp. Science/Biology/G. Science |                           |

1. General Conduct Good.

2. Co-Curricular Activities She is a player of Badminton.

3. Any Other Remarks She is an obedient student.

He/She bears a good moral character. I wish him/her success in life.

Prepared by

Principal

Principal  
Sobia Mirzaman  
Allama Iqbal Model School  
Tarlai Kalan, Islamabad  
(Affiliated with FBISE)



# QUAID-I-AZAM UNIVERSITY ISLAMABAD

## DETAILED MARKS CERTIFICATE

Name: UMMAMA MEHTAB  
 Reg.No.: 41207193035  
 Session: 2019-23  
 Institute: ISB Model College St 25 F-6/2

Father's Name: MEHTAB AHMED  
 Department: Computer Science  
 Degree: BS Computer Science

| Semester      | Crs. Code | Course Title                                     | T.Marks | Crdt.Hrs. | Obt. Marks. | N.G. | Grade |
|---------------|-----------|--------------------------------------------------|---------|-----------|-------------|------|-------|
| <b>FIRST</b>  | CS-101    | Introduction to Computing                        | 100     | 3         | 70          | 3.00 | B     |
|               | CS-105    | Problem Solving and Programming                  | 100     | 3         | 38          | 0.00 | F     |
|               | ENG-101   | English-I                                        | 100     | 3         | 73          | 3.50 | B+    |
|               | MA-101    | Calculus and Analytical Geometry-I               | 100     | 3         | 62          | 2.50 | C+    |
|               | PH-111    | Introductory Mechanics and Waves                 | 100     | 2         | 58          | 2.00 | C     |
|               | PH-193    | Introductory Mechanics and Waves Lab             | 100     | 1         | 76          | 3.80 | A-    |
|               | PS-101    | Intro to Pak-Studies                             | 100     | 2         | 72          | 3.50 | B+    |
| <b>SECOND</b> | CS-121    | Object Oriented Programming                      | 100     | 4         | 64          | 2.80 | B-    |
|               | ENG-102   | English-II-Composition Writing                   | 100     | 3         | 69          | 3.00 | B     |
|               | IS-101    | Islamic Studies                                  | 100     | 2         | 80          | 4.00 | A     |
|               | MA-102    | Calculus & Analytical Geometry-II                | 100     | 3         | 57          | 2.00 | C     |
|               | MA-203    | Discrete Mathematics                             | 100     | 3         | 54          | 1.00 | D     |
|               | PH-112    | Electricity, Magnetism & Thermal Physics         | 100     | 2         | 77          | 3.80 | A-    |
|               | PH-194    | Electricity, Magnetism & Thermal Physics Lab     | 100     | 1         | 76          | 3.80 | A-    |
| <b>THIRD</b>  | CS-103    | Introduction to Computer Organization            | 100     | 3         | 83          | 4.00 | A     |
|               | CS-211    | Data Structures                                  | 100     | 3         | 77          | 3.80 | A-    |
|               | CS-212    | Human Computer Interaction                       | 100     | 3         | 78          | 3.80 | A-    |
|               | CS-291    | Data Structures Lab                              | 100     | 1         | 75          | 3.50 | B+    |
|               | ENG-201   | English-III Communication and Presentation Skill | 100     | 3         | 73          | 3.50 | B+    |
|               | PY-101    | Introduction to Psychology                       | 100     | 3         | 67          | 2.80 | B-    |
| <b>FOURTH</b> | CH-100    | General chemistry                                | 100     | 2         | 57          | 2.00 | C     |
|               | CH-190    | General Chemistry Lab                            | 100     | 1         | 79          | 3.80 | A-    |
|               | CS-213    | Computer Organization and Assembly Language      | 100     | 3         | 69          | 3.00 | B     |
|               | CS-222    | Analysis and Design for Software System          | 100     | 3         | 76          | 3.80 | A-    |
|               | CS-225    | Database System                                  | 100     | 3         | 64          | 2.80 | B-    |
|               | CS-293    | Computer Organization and Assembly Language Lab  | 100     | 1         | 47          | 0.00 | F     |
|               | MA-205    | Differential Equations and Linear Algebra        | 100     | 3         | 72          | 3.50 | B+    |
| <b>FIFTH</b>  | BY-201    | Introductory Biology                             | 100     | 3         | 70          | 3.00 | B     |
|               | CS-105    | Problem Solving and Programming                  | 100     | 3         | 54          | 1.00 | D     |
|               | CS-223    | Operating Systems                                | 100     | 3         | 63          | 2.50 | C+    |
|               | CS-311    | Analysis & Design of Algorithms                  | 100     | 3         | 49          | 0.00 | F     |
|               | CS-322    | Software Construction                            | 100     | 3         | 68          | 3.00 | B     |
|               | CS-324    | Web Applications Development                     | 100     | 3         | 57          | 2.00 | C     |
|               | ST-101    | Probability & Statistics                         | 100     | 3         | 72          | 3.50 | B+    |



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| Semester       | Crs. Code | Course Title                                    | T.Marks | Crdt.Hrs. | Obt. Marks. | N.G. | Grade |
|----------------|-----------|-------------------------------------------------|---------|-----------|-------------|------|-------|
| <b>SIXTH</b>   | CS-293    | Computer Organization and Assembly Language Lab | 100     | 1         | 63          | 2.50 | C+    |
|                | CS-312    | Computer Communications & Networks              | 100     | 3         | 73          | 3.50 | B+    |
|                | CS-331    | Theory of Automata                              | 100     | 3         | 73          | 3.50 | B+    |
|                | CS-423    | Computer Graphics                               | 100     | 3         | 78          | 3.80 | A-    |
|                | CS-442    | Mobile Applications Development                 | 100     | 3         | 69          | 3.00 | B     |
|                | EC-201    | Principles of Economics                         | 100     | 3         | 79          | 3.80 | A-    |
| <b>SEVENTH</b> | CS-311    | Analysis & Design of Algorithms                 | 100     | 3         | 80          | 4.00 | A     |
|                | CS-332    | Net Centric Programming                         | 100     | 3         | 65          | 2.80 | B-    |
|                | CS-411    | Compiler Construction                           | 100     | 3         | 85          | 4.00 | A     |
|                | CS-414    | Artificial Intelligence                         | 100     | 3         | 92          | 4.00 | A     |
|                | CS-458    | Introduction to Data Mining                     | 100     | 3         | 84          | 4.00 | A     |
|                | CS-489    | Project-I                                       | 100     | 3         | 70          | 3.00 | B     |
| <b>EIGHTH</b>  | CS-413    | Introduction to Information Security            | 100     | 3         | 72          | 3.50 | B+    |
|                | CS-449    | ICT and Society                                 | 100     | 3         | 72          | 3.50 | B+    |
|                | CS-459    | Intro to machine learning                       | 100     | 3         | 48          | 0.00 | F     |
|                | CS-474    | Software Testing Techniques                     | 100     | 3         | 59          | 2.00 | C     |
|                | CS-490    | Project-II                                      | 100     | 3         | 60          | 2.50 | C+    |
| <b>TENTH</b>   | CS-459    | Intro to machine learning                       | 100     | 3         | 70          | 3.00 | B     |

Overall Result

Passed

CGPA: 3.1 out of 4.0  
 Weighted Percentage: 70.3  
 Grade Letter: B

Passed Credit Hours: 130  
 Examination held in: June, 2024  
 Result declaration Date: 10-11-2024  
 DMC Issuance Date: 12-02-2025

*J. Shabir*  
 Assistant Controller  
 for Controller of Examinations

Note: Errors / Omissions excepted