



**University of Agriculture, Faisalabad**  
**Entry test for Admission to the First Degree Programs**  
\_\_\_\_\_, 201X at \_\_\_\_:00 a.m./p.m.

Time: 90 minutes

Maximum Marks: 100

**IMPORTANT INSTRUCTIONS FOR THE CANDIDATES**

The candidates are given the question paper sheets of their chosen subjects stream along with an answer sheet (bubble sheet) carrying 100 bubbles in four groups i.e., 25 bubbles (squares) for each subject. They are required to **DARK SHADE the correct choice CAREFULLY within the boundary of bubble.** Calculator can be used but **MUST NOT** be shared with others. A candidates can leave the test hall after half time.

**Please DO NOT DETACH the Bubble Sheet from the Question Paper**

**ENGLISH**

- Q. 1. The children with their yellow hair screamed at the deep dome of Martian sky; here SCREAMED means  
(A) Yelled (B) Cried (C) Looked (D) Pointed to
- Q. 2. I had a vexing dream one night; here VEXING means  
(A) Fading (B) Happy (C) Disturbing (D) thrilling
- Q. 3. The first Man reads a discarded newspapers; here DISCARDED means  
(A) Decorated (B) Interesting (C) Old (D) Rejected

**PHYSICS**

- Q. 1. One tera is equal to:  
(A)  $10^{10}$  (B)  $10^9$  (C)  $10^{12}$  (D)  $10^{15}$
- Q. 2. The value of constant 'γ' for diatomic gas is:  
(A) 1.67 (B) 1.29 (C) 1.45 (D) 1.40
- Q. 3. The commercial unit of electric energy is:  
(A) Kilowatt-hour (B) Watt (C) Watt-hour (D) Kilowatt

**CHEMISTRY**

- Q. 1. The number of bonds in nitrogen molecule is  
(A) One sigma and one pi (B) One sigma and two pi (C) Three sigma only (D) Two sigma and one pi
- Q. 2. Orbital's having same energy are called  
(A) Hybrid orbital's (B) Valence orbital's (C) Degenerate orbital's (D) D-orbital's
- Q. 3. Ionic solids are characterized by  
(A) Low melting point (B) Good conductivity in solid state  
(C) High vapour pressure (D) Solubility in polar solvent

**BIOLOGY**

- Q. 1. Desert ecosystem of Bhakkar and Mianwali is called:  
(A) Thar (B) Cholistan (C) Thal (D) Rohi
- Q. 2. Each mesophyll cell of leaf has chloroplasts about  
(A) 10-20 (B) 20-100 (C) 120-150 (D) 250-170
- Q. 3. A rye plant less than one meter tall has branch roots about:  
(A) 12 million (B) 14 million (C) 16 million (D) 18 million

