

**ALIGARH INSTITUTE OF TECHNOLOGY, KARACHI**  
DAE ENTRY TEST PAPER (Sample Questions)

**ENGLISH**

1. We \_\_\_\_\_ to school tomorrow. (Choose the correct form of verb)  
A. went      B. will go      C. goes      D. gone
2. He is \_\_\_\_\_ honest person. (Insert articles (a, an, the) in the following sentences)  
A. an      B. a      C. the      D. none of them
3. He is junior \_\_\_\_\_ me. (Choose the correct Preposition)  
A. for      B. with      C. to      D. by

**CHEMISTRY**

4. ----- is called King of Acid.  
A. HCl      B. H<sub>2</sub>SO<sub>4</sub>      C. HNO<sub>3</sub>      D. none
5. ----- is classified the elements into metals & non-metals.  
A. Al Beruni      B. Al Razi      C. Jabir Bin Hayan      D. none

**MATHEMATICS**

6. The sum of two complementary angles is.  
A. 90°      B. 180°      C. 360°      D. 100°
7. The characteristic of log 0.00226 is:  
A. -3      B. -2      C. 3      D. 2

**PHYSICS**

8. Work is done when a body is moved through a distance by a ----- .  
A. fulcrum      B. inclined plane      C. mechanical advantage      D. force
9. The SI unit of momentum is:  
A. watt      B. newton-second      C. newton      D. joule

**GENERAL KNOWLEDGE**

10. Name of Present Captain of Pakistan Cricket team is:  
A. Sarfraz Ahmed      B. Babar Azam      C. Abdul Hafeez      D. Imtiaz Ahmed