

ENTRY TEST SAMPLE PAPER

Pre-Engineering Test

Part-I

(Weightage-75%, Time Allowed 100 Minutes)

A Sample Question for each Subject is given below:

ENGLISH

(Verbal Reasoning-Weightage-20%)

Thread is related to a needle as butter is related to:

- A. Knife
- B. Car
- C. Door
- D. Shop

Which word is a synonym for "fast"?

- A. Quick
- B. Slow
- C. Gradual
- D. Snail-like

_____ the weather good when you were on holidays?

- A. Was
- B. Is
- C. How
- D. Did

MATHEMATICS

(Quantitative Reasoning-Weightage-25%)

The average of first 10 even numbers is:

- A. 18
- B. 22
- C. 9
- D. 11

β has to be a whole number such that $b \leq 10$, the solution for $b < 4$ and $b > 6$ is:

- A. No Solution
- B. 5
- C. 3
- D. 7

All equilateral triangles are:

- A. Equal
- B. Not Equal
- C. Some time equal some time not
- D. None of these

The solution of $2y + 9 = 4$ is:

- A. $9/2$
- B. $4/9$
- C. $-2/5$
- D. $-5/2$

PHYSICS (Weightage-10%)

When a net force is applied on the body, what is produced in the body?

- A. Weight
- B. Energy
- C. Acceleration
- D. B and C

CHEMISTRY (Weightage-10%)

Which compound found in every living cell, serves as the information and control center?

- A. Protein
- B. Lipid
- C. Amino acid
- D. DNA

MATHEMATICS (Weightage-10%)

Sliding friction is commonly converted into rolling friction by the use of:

- A. Ball bearing
- B. Grease
- C. Oil
- D. Polish

Part-II

(Weightage-25%, Time Allowed 40 Minutes)

A: Argument Based Essay Writing Skills

(01 out of 03) Either in English or Urdu

B: Narrative Based Essay Writing Skills

(01 out of 03) Either in English or Urdu

Note: The Candidates may visit UOL website to see USAT guidelines developed by HEC/UOL.