Capital University of Science and Technology
Islamabad

Sample Admission Test for MS Engineering Management

Verbal Section: Sentence Completions

Each sentence given below has one or may be two blanks; each blank points out that there is something that has been erased. Beneath the sentences are set of words or five options given. Select the particular word or set of words for each blank that perfectly fits the meaning of the sentence as a whole.

1. Hoping to -- -- -- the clash, negotiators suggest a solution that they felt would be -- -- -- to both policy makers and legislators.

   a. Manage - Resolving
   b. Solve - Divisive
   c. Extend - Detrimental
   d. Resolve - Acceptable
   e. End - Likely

Verbal Section: Analogy

Select a pair of words which is the best analogy for the relationship depicted in the given pair of words.

1. Tooth: Gum

   a. Chest: Ribs
   b. Bone: Joint
   c. Heart: Aorta
   d. Eye: Socket

Quantitative Section: Quantitative Ability

Directions:

In this section you will be given two quantities, one in column A and one in column B. You are to determine a relationship between the two quantities and mark.

1. $x > 0$

   Column 1: 10x
   Column 2: 10/x

a. The quantity in column 1 is greater

b. The quantity in column 2 is greater

c. The two quantities are equal

d. The relationship cannot be determined from the information given below

2. **Column 1: The time that it takes to type 7 pages at a rate of 6 pages per hour**
   Column 2: The time that is takes to type 6 pages at a rate of 7 pages per hour

   a. The quantity in column 1 is greater

   b. The quantity in column 2 is greater

   c. The two quantities are equal

   d. The relationship cannot be determined from the information given below

Analytical Section: Analytical Reasoning

In these particular questions some statements are given, followed by conclusions. Please choose whichever conclusion appeals you to be the most correct.

1. Nitrogen gas is lighter than oxygen. Nitrogen gas is lighter than Helium. Therefore, oxygen is the heaviest of the three gases.

   a. Can't say

   b. True

   c. False

   d. Probably true

2. **The presence of** calcium **in milk makes it white. Rice too is white in color. Therefore, rice also contains calcium.**

   a. Can't say

   b. True

   c. False

   d. Probably true

Engineering Section: General Engineering

1. Is it true that binary signals are the most common form of digital signals?

   a. True

   b. False

2. What function describes the operation of computer memory?

      a. Processing

      b. Utilisation

      c. Storage

      d. Communication