

## **Eligibility Criteria and Sample Entry Test For CS & IT**

### **Eligibility Criteria for MS (CS):**

BS (Computer Science), BS (Electrical Engineering), BS (Computer Engineering) 4years degree programme (min 130 credit hours) or computer science conversion course 2 years degree programme referred to as MCS or M.Sc. (CS)

### **Eligibility Criteria for MS (IT):**

BS(CS) or BS(IT) 4years degree programme (min 130 credit hours) or computer science Conversion course 2 years degree programme referred to as MCS, MIT, M.Sc.(IT) or M.Sc.(CS)

### **General Guidelines:**

1. This test consists of 60 MCQ's.
2. Total time allowed is 60 Minutes.
3. There are four (4) sections in the test each comprising of % as given below:

• <b>Section-I</b> English	<b>20 %</b>
• <b>Section-II</b> Quantitative	<b>20 %</b>
• <b>Section-III</b> Analytical	<b>20 %</b>
• <b>Section-IV</b> Subjective	<b>40 %</b>

The subjective section for MS (CS) comprising of following subjects

- Computer Architecture/ Operating System
- Databases / Data communication & Networking
- Programming/ Data structures & Algorithm

The subjective section for MS (IT) comprising of following subjects

- IT infrastructure / Operating System
- Databases / Data communication & Networking
- Programming

### **Section-I**

1. Make correction of the underlined part of the sentence: The desktop computer has revolutionized office procedures more than any machine of modern times.

A. any machine	<b>C. any other machine</b>
B. has any machine	D. has any other machine
2. What is the Synonym of: COHESION

A. independence	C. shift
<b>B. sticking together</b>	D. climbing

## Section-II

3. If  $m$  is an integer such that  $(2)^{2m} = (2)^{(9-m)}$ , then  $m =$
- A. 1
  - B. 2
  - C. **3**
  - D. 4
4. One hour after Haroon started from X to Y, a distance of 45 kms, Saad started walking along the same road from Y to X. If Haroon's walking rate was 3kms/hour and Saad's was 4kms/hour, how many kms had Saad walked when they met?
- A. **24**
  - B. 42
  - C. 23
  - D. 22

## Section-III

5. Which one of the four choices makes the best comparison? PEACH is to HCAEP as 46251 is to:
- A. 25641
  - B. 26451
  - C. 51462
  - D. **15264**
6. Choose the number that is  $\frac{1}{4}$  of  $\frac{1}{2}$  of  $\frac{1}{5}$  of 200:
- A. 2
  - B. **5**
  - C. 10
  - D. 50

## Section-IV

7. Which one of these translates a high level language to machine code?
- A. Assembler
  - B. **Compiler**
  - C. Modem
  - D. None of the above
8. When a computer is switched on, where is the operating system loaded?
- A. BIOS
  - B. ROM
  - C. POST
  - D. RAM
9. An expression that uses a relational operator is known as:
- A. **Condition**
  - B. Decision
  - C. Series
  - D. Relation
10. The foreign key is found in
- A. Parent table
  - B. **Dependent table**
  - C. Pivot table
  - D. Index table