University of Management and Technology

School of Systems and Technology

Department of Software Engineering

UGAT Pattern for MS (SE) Admission Test

Multiple choice questions (40 in all, overall marks of test 40) with 4 answer choices are given in Test. There is no negative marking in the test. Subjects included cover the core computing skills of students as well as their mathematical skills and communication skills.

Computing core areas covered primarily in the test are Programming and algorithms, Object Oriented programming, Software Engineering, and Database systems. Basic English, Mathematical and Analytical questions are also included in the test.

Sample questions are as follows:

1) Object is an instance of a
   A. class
   B. Array
   C. Paradigm
   D. Design Pattern

2) Which of the following is not the phase of classical waterfall model?
   A. Design
   B. Building Prototype
   C. Requirement Analysis
   D. Testing

3) Which of the following is not modification of the database?

   A. DELETION
   B. INSERTION
   C. SORTING
   D. UPDATING

4) _____ many times, every winter in Frankfurt.

   A. It snows

B. It snowed

C. It is snowing

D. It is snow

5) In a class of 40 students 20% are girls. How many boys are there in the class?

    A. 26

    B. 28

    C. 30

    D. 32

6) The statement i++; is equivalent to

    A. i = i + i;

    B. i = i + 1;

    C. i = i - 1;

    D. i --;

7) A, P, R, X, S and Z are sitting in a row. S and Z are in the center. A and P are at the ends. R is sitting to the left of A. Who is to the right of P?

    A. A

    B. X

    C. S

    D. Z

ANSWER KEY SAMPLE

Valid answer choice is **A, B, C or D only**. No other choice would be considered as a valid answer.

Question Number	Answer Choice	Question Number	Answer Choice	Question Number	Answer Choice
1		4		7	
2		5			
3		6			