

Model Paper

Program: MS Software Engineering

Time Allowed: 3 hours (180 Mins)

Paper Type:

1) Objective (MCQs based)

Sections:

a) Verbal

b) Quantitative

c) Analytical Reasoning

2) Subjective

Theoretical Questions

Total Questions: 100 Objective 03 Subjective

Passing Marks: Objective (60 out of 100), Subjective (10 out of 25)

Detail of Sections:

Verbal: 30 questions

Quantitative: 40 questions

Analytical Reasoning: 30 questions

Subjective: 03 questions will be related to the core subjects of Software Engineering.

Important Instructions:

- A candidate must score a minimum 60% marks in aggregate to pass the test.
- Answers are to be attempted on the answer sheet, which is being provided separately with the question paper.
- Encircle the most appropriate choice. Multiple selection will be considered an incorrect answer.
- Calculators & Mathematical tables are not allowed.
- Keep your mobile phone turned off. Any mobile phone found active / on will be confiscated and the candidate will be disqualified for the test.

Model Paper

Section I - Verbal

1) We need more men and women of culture and enlightenment in our society; we have too many ____ among us.

- A) Pedants
B) Philistines
C) Ascetics
D) Paragons

2) Many educators argue that a _____ grouping of students would improve instruction because it would limit the range of student abilities in the classroom.

- A) heterogeneous
B) Systematic
C) homogeneous
D) Sporadic

Analogies

3) AQUEDUCT : WATER

- A) Capillary : saliva
B) Esophagus : breath
C) Tanker : fluids
D) Artery : blood

4) ENZYME : CATALYST

- A) Vaccine : allergy
B) Gland : muscle
C) Neuron : corpuscle
D) Bacterium : microbe

Section II – Analytical

Direction: Each question or group of questions is based on a passage or set of conditions. In answering some of the question. It may be useful to draw a rough diagram. For each question, select the best answer choice given.

Question 1-2

In an office each of the nine employees – P, Q, S, T, U, V, W, and X – is to be assigned his or her own mailbox. The boxes, which are all the same size, are arranged in three rows of three boxes each with each box directly above and /or below another box. The boxes are numbered from left to right – 1 to 3 in the top row, 4 to 6 in the middle row, and 7 to 9 in the bottom row. The assignments are subject to the following restrictions.

P is to be assigned box 5.

Q is to be assigned box directly above T's box

R is to be assigned box in the bottom row.

Section IV – Subjective (Software Engineering)

Q#1: Briefly write about major software testing techniques.

Q#2: What is the concept of software configuration management?

Q#3: Differentiate between functional and nonfunctional requirements.