PSC Computer Programmer - Final Model Question Paper

Q1. Which sorting algorithm has the best average case performance?

A) Bubble Sort

B) Selection Sort

C) Quick Sort

D) Insertion Sort

Q2. In C, which header file is needed to use malloc()?

A) stdio.h

B) conio.h

C) math.h

D) stdlib.h

Q3. Which of the following is used to avoid data redundancy in DBMS?

A) Indexing

B) Transactions

C) Normalization

D) Triggers

Q4. Which Java keyword is used to inherit a class?

A) extends

B) inherits

C) implements

D) public

Q5. In OSI model, which layer handles error detection?

A) Data Link

B) Network

C) Transport

D) Application

Q6. What does JSON stand for?

A) JavaScript Object Notation

B) Java Standard Output Network

C) Java Syntax Object Name

D) None of these

Q7. What is the default scope of a variable in C?

A) Global

B) External

C) Static

D) Local

Q8. Which gate is known as a universal gate?

A) AND

B) OR

C) NAND

D) NOT

Q9. Which of the following scheduling algorithms is preemptive?

A) FCFS

B) Round Robin

C) SJF (Non-preemptive)

D) None

Q10. Which protocol is used to send emails?

A) FTP

B) HTTP

C) SMTP

D) SNMP