**Section 1**

**The correct option is in bold format.**

**1. What is the purpose of binary chart in computer language?**

a) To represent data using decimal numbers.  
**b) To represent data using a combination of 0s and 1s for machine interpretation.**c) To convert data into hexadecimal format.

**2. What is the purpose of programming language?**

a) To directly execute tasks without any human intervention.  
b) **To communicate instructions to a machine and develop programs that control its operations.**  
c) To create only web-based applications.

**3. Why are binary languages known as low-level languages?**

a) **Because they are directly understood by the computer's hardware and consist of 0s and 1s.**  
b) Because they use complex human-like syntax.  
c) Because they are difficult to read and write but offer higher-level abstractions.

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**4. What is the primary advantage of high-level programming languages?**  
a) They use mnemonic codes that replace binary instructions.  
b) **They are user-friendly and resemble human language, making them easier to write and understand.**  
c) They are specific to a particular type of machine.

**5. Which one is included in procedural programming languages?**

1. **Fortran**
2. Java
3. Python

**6. What is the perk of object-oriented programming languages?**

a) They are only used for small, simple programs. **b) They allow for code reuse and modular design through concepts like classes and objects.**c) They eliminate the need for data structures and algorithms.

**7. Which programming language is used to build operating systems?**

**a)** JavaScript **b) C++**c) Python

**8. What is the primary focus of a software developer?**  
a) Writing and testing code only.  
b) **Understanding customer needs and designing user-friendly applications.**  
c) Creating encryption protocols for secure connections.

**9. What type of skills are essential for a software developer?**  
a) Only strong coding skills and algorithm knowledge.  
b) **Strong communication, teamwork, and a holistic approach to software development.**  
c) Exclusive focus on back-end coding without any interaction with clients or stakeholders.

**10. What kind of individual would best fit the role of a computer programmer?**a) Someone who enjoys collaborating with clients and designing system workflows.  
b) **Someone with a strong aptitude for coding, problem-solving, and technical implementation.**  
c) Someone who prefers a broader scope involving requirements analysis and project management.