BS Criminology Entry Test Preparation Guidelines

1. Test Format

- **Type of Questions:** Multiple Choice Questions (40), Essay Writing (200-250 Words)
- **Total Marks:** 50
- **Subjects Covered:**
    - Computer Science & IT Basics
    - Mathematics & Basic Arithmetic
    - General IQ & Logical Reasoning
    - General Knowledge (Technology Focus)
    - Basic Cyber Security Awareness

2. Study Resources

We recommend revising the following topics from **Matriculation and Intermediate textbooks**, especially from **Computer Science, Mathematics, and General Knowledge**:

A. Computer Science & IT

- Generations of computers (Vacuum tubes, Transistors, Microprocessors, etc.)
- Computer components (Hardware vs Software)
- Input/Output devices
- Types of software (System vs Application)
- Memory types (RAM, ROM, Cache, etc.)
- Storage devices (HDD, SSD, CD-ROM, USB)
- Basic networking terms (LAN, Router, Protocols)
- Common internet tools and browsers
- Email structure and security basics
- Cyber threats (viruses, phishing, ransomware) and prevention

Suggested Books & Sources:

- Punjab Textbook Board: Computer Science (9th, 10th, 1st Year, 2nd Year)
- Beginner's Guide to Computer Fundamentals (pakmcqs.com)

B. Mathematics

- Algebra basics (solving equations, factorization)
- Geometry (angles, perimeter, area, volume formulas)
- Trigonometry basics (sin, cos, tan values for standard angles)
- Ratios, proportions, and percentages
- Averages, mean, median, mode, range
- Probability basics (coin toss, dice)
- Number sequences and patterns

Suggested Books & Sources:

- Punjab Textbook Board: Mathematics (9th, 10th, 1st Year)
- Practice MCQs from past entry test guides (for FSC students)

C. Logical Reasoning & IQ

- Pattern recognition in numbers and shapes
- Analogy questions (A is to B as C is to?)
- Direction sense problems (turns, distances)
- Odd-one-out identification
- Basic code language puzzles

Suggested Books & Sources:

- "Dogar's Unique Entry Test Guide" – Logical Reasoning Section
- Online IQ practice MCQs (pakmcqs.com)