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COMPUTER SCIENCE

HSSC-1

AUTHENTIC GUESS PAPER 2026

FBISE FEDERAL BOARD OF INTERMEDIATE & SECONDARY EDUCATION

FEDERAL BOARD OF INTERMEDIATE AND SECONDARY EDUCATION
PAKISTAN

- 100% BOARD ORIENTED
- IMPORTANT SHORT QUESTIONS
- EXAM FOCUSED PREPARATION
- HIGH PROBABILITY QUESTIONS
- PREPARE SMART SCORE HIGH

SMART PREPARATION TODAY, SUCCESS TOMORROW!

BE PREPARED. BE THE BEST!

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COMPUTER SCIENCE

HSSC – 1 | FBISE 2026

AUTHENTIC GUESS PAPER

FINAL STRATEGY TO SCORE 70+ MARKS

■ 1. PAPER ANALYSIS — VERY IMPORTANT

Section	Type	Marks
Section A	MCQs	17
Section B	Short Questions	39
Section C	Long Questions	24

■ TO GET 70+: MCQs 15–17 Correct | Section B: 30+ | Section C: 20+

■ 2. MOST IMPORTANT DOMAINS — PRIORITY ORDER

1. PROGRAMMING FUNDAMENTALS

THIS IS YOUR GAME CHANGER (30–35 Marks)

- Variables, Input/Output
- Loops (For, While)
- Conditionals (If-Else)
- Lists & Functions
- Debugging Errors
- Dry Run / Tracing

■ Model Focus: Code Correction | Output Prediction | Writing Programs

2. ALGORITHMS & COMPUTATIONAL THINKING

Very Important for Logic + MCQs

- Linear vs Binary Search
- Bubble Sort
- Pseudocode
- Flowcharts
- Efficiency of Algorithms

■ Model Focus: Sorting Q (6 Marks) | Algorithm Comparison | MCQs

3. DATA & ANALYSIS

Easy + Conceptual = High Marks

- Mean, Histogram, Graphs
- Correlation vs Causation
- Linear Regression (Y = MX + C)
- Data Visualization
- Population vs Sample

■ Model Focus: MCQs | Short Qs | Long Q (Comparison)

4. LOGIC GATES & BOOLEAN ALGEBRA

Guaranteed Long + Short Questions

- AND, OR, NOT, NAND, XOR
- Truth Tables
- Boolean Expressions
- Karnaugh Map (VERY IMPORTANT)

■ Model Focus: K-Map (6 Marks ■) | Logic Circuit | Truth Tables

5. SDLC

Repeated in MCQs + Short

- Phases (Analysis, Design, Coding, Testing)
- Agile vs Waterfall
- Black Box vs White Box Testing

■ **Model Focus: MCQs | Short Questions**

6. CYBER SECURITY & ENCRYPTION

Easy Theory = Scoring

- Encryption Types
- Firewall, Malware, Phishing
- Authentication, 2FA

■ **Model Focus: MCQs | Long Q (Encryption Comparison)**

7. NETWORKING

Moderate Priority

- Topologies (Star, Ring, Bus)
- Advantages/Disadvantages
- Reliability & Scalability

■ **Model Focus: Short Questions | MCQs**

8. AI, IoT & BLOCKCHAIN

Short + Long Theory

- AI Basics
- Stakeholders
- Blockchain Working
- Cloud Computing Models

■ **Model Focus: Short Questions | Theory MCQs**

■ 3. MOST REPEATED QUESTION TYPES

■ FROM SECTION A (MCQs)	■ FROM SECTION B (3 Marks Each)	■ FROM SECTION C (6 Marks Each)
• Python Basics • Algorithms (Binary Search) • Cybersecurity • Data Visualization • AI Basics	• Code Correction • Pseudocode • SDLC Case Study • Search/Sort Comparison • Logic Gates / Boolean • Python Output	■ **VERY IMPORTANT: • Karnaugh Map + Logic Circuit • Python Program (Functions/Loops) • Sorting (Bubble Sort) • Data / Encryption Theory • Blockchain / Digital Impact**

■ 4. SMART PREPARATION PLAN — IF TIME IS SHORT

■ FIRST PRIORITY (Do 100%)	■ SECOND PRIORITY	■ THIRD PRIORITY
• Python (Complete) • Logic Gates + K-Map • Sorting + Searching • Data Analysis Basics	• SDLC • Cyber Security • Networking	• AI, Blockchain • Digital Literacy

■ GOLDEN TIPS TO GET 70+

✓ Practice past paper coding questions ✓ Memorize definitions + differences ✓ Focus on concepts, not ratta ✓ Practice K-Map & Bubble Sort daily ✓ Attempt either option wisely in Section B

9. DIGITAL LITERACY & ETHICS

Easy Marks — Don't Skip!

- Digital Responsibility
- Reliable Sources
- Bias
- Digital Divide

■ **Model Focus: MCQs | Short Theory Questions**