DEPARTMENT OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY
THE UNIVERISTY OF AZAD JAMMU & KASHMIR
KING ABDULLAH CAMPUS MUZAFFARABAD 13100 PAKISTAN

SAMPLE ENTRY TEST FOR BSCS/BSAI/BSCySec ADMISSIONS Fall- 2025

Time: 100 Mins.   **Total Marks: 100**

Name:	Signature:	Roll No.

- Do not write anything on the question paper except your Name, Roll No. and signature
- HSSC with at least 50% Marks with Maths or Pre-medical are eligible
- Maximum age limit for BS programs is 23 year

(ENGLISH) [25%]

Sentence completion with suitable words

1. They went _____ the rain.

   (a) despite   (b) and enjoy   (c) under   (d) avoiding

2. They _____ dinner when the phone rang.

   (a) have   (b) are having   (c) had   (d) were having

SYNONYMS

3. PROPEL

   (a) Drive   (b) Burst   (c) Acclimatize   (d) Modify

4. FRAGILE

   (a) sturdy   (b) delicate   (c) strong   (d) tough

ANTONYMS

5. FOREMOST

   (a) Hindmost   (b) Unimportant   (c) Disposed   (d) Mature

6. PROTECTS

   (a) Defends   (b) Deprives   (c) Deserts   (d) Devises

(MATHEMATICS) [25%]

7. If x is an even number and y is an odd number, then $x + y =$_____

   (a) Even   (b) Odd   (c) Neither even nor odd   (d) Both (a) & (b)

8. d/dx [cos h(3x)] is _____

   (a) sinh3x   (b) 3 sinh3x   (c) 3 sinh2x   (d) 2 sinh3x

9. The sum of the interior angles of a triangle is:

   (a) 360°   (b) 180°   (c) 90°   (d) 270°

(PHYSICS) [17%]

10. Which of the following is a scalar?

    (a) Velocity   (b) Acceleration   (c) Force   (d) Time

11. A body in equilibrium.

    (a) always at rest   (b) always in uniform motion   (c) may be at rest or in uniform motion

12.   If a body is moving with a constant velocity of 10m/sec towards north, then its acceleration is.

   (a) 0   (b)10m/sec2   (c)20m/sec2   (d) 5m/sec2

(COMPUTER) [17%]

13. The earliest and the simplest computing device was:

   (a) Slide rule   (b) Calculating machine   (c) ABACUS   (d) Calculator

14. Binary number 1011 is equivalent in decimal form.

   (a) 7   (b) 9   (c) 11   (d) 13

15. What does "LAN" stand for?

(a) Large Area Network (b) Local Area Network   (c) Long Access Network   (d) Linked Area Nodes

(INTELLIGENCE) [16%]

16. The population of a town increases at the rate of 5% every year. The population is 8000. In how many years it becomes 9261.

   (a) 2   (b) 3   (c) 4   (d) 5

17. Which number should come next in the series? 25, 24, 22, 19, 15

   (a) 5   (b) 15   (c) 10   (d)None

18. A person walks 5 km south, 5 km east, and then 5 km north. How far is he from his starting point?

   (a) 5 km   (b) 10 km   (c) 7.07 km   (d) 0 km

The End.