



Sukkur IBA University

Merit-Quality-Excellence

Foundation Semester 2025-26

Sample Test Paper (Main Campus and Sub Campuses)

Part-I (English)	40 Questions
Part-II (Mathematics)	40 Questions
Part-III (IQ)	20 Questions

SYLLABUS OF ENGLISH (PART-I)

- Reading Comprehension
- Vocabulary Synonym
- Vocabulary Antonym
- Use of Preposition
- Error Detection
- Use of Verbs
- Use of Tenses

READING COMPREHENSION

Read the following passage carefully and answer the questions set below it.

Can we see that the earth is a globe? Yes, we can, when we watch a ship that sails out to sea. If we watch closely, we see the ship begin to disappear. The bottom of the ship disappears first, and then the ship seems to sink lower and lower, until we can only see the top of the ship, and then we see nothing at all. What is hiding the ship from us? It is the earth. Stick a pin most of the way into an orange, and slowly turn the orange away from you. You will see the pin disappear, just as a ship does on the earth.

1. This story is mainly about.....

- | | |
|-----------------------------------|---|
| a. the shape of the earth. | b. traveling to the New World. |
| c. sailing ships in the old days. | d. the shapes of fruits, such as oranges. |

2. The ship in this story -

- | | |
|--|--|
| a. probably sank to the bottom of the ocean. | b. was going farther and farther away. |
| c. was actually a toy. | d. was a sailing ship. |

VOCABULARY: SYNONYMS

1. Their diet is often grossly unbalanced.

- | | | | |
|---------------|-----------|----------|---------------|
| a. Completely | b. nearly | c. often | d. frequently |
|---------------|-----------|----------|---------------|

2. The whole thing is a vicious circle.

- | | | | |
|-----------|-------------|--------------|-------------|
| a. severe | b. very bad | c. dangerous | d. critical |
|-----------|-------------|--------------|-------------|

VOCABULARY: ANTONYMS

1. The people must then go hungry.

- | | | | |
|--------------|-------------------|----------------------|-------------|
| a. well-kept | b. well cared for | c. well looked after | d. well fed |
|--------------|-------------------|----------------------|-------------|

2. A particular country might be generous.

- | | | | |
|------------|-------------|----------------|-----------|
| a. miserly | b. moderate | c. extravagant | d. frugal |
|------------|-------------|----------------|-----------|

USE OF PREPOSITION

1. The committee regrets that it cannot accede _____ your request for a month's paid leave.
 a. for b. to c. in d. with
2. Our college is affiliated _____ the University of Sindh.
 a. with b. to c. for d. in

ERROR DETECTION

1. George has not completed the assignment yet and Maria hasn't neither.
 a b c d
2. The sun rose before I got up.
 a b c d

USE OF VERBS

1. Lucy is a good girl and for a brother.
 a. long b. longs c. is longing d. longed
2. Mango is fruit that I
 a. am always liking b. have been always liking
 c. have always liked d. have been always liked

USE OF TENSES

1. I wish I were young forever.
 a. PRESENT indefinite tense b. Present perfect tense
 c. Past indefinite tense d. Past perfect tense
2. Death toll of the earthquake victims is feared to have increased.
 a. Past indefinite tense b. Past perfect tense
 c. Present indefinite tense d. Present perfect tense

SYLLABUS OF MATHEMATICS (PART-II)

- Introduction to sets
- Number System
- Algebra
- Geometry
- Information Handling

INTRODUCTION TO SETS

1. The cardinality of the power set of $\{x: x \in \mathbb{N}, x \leq 10\}$ is _____.
 a. 1024 b. 1023 c. 2048 d. 2043
2. Write $X = \{1, 4, 9, 16, 25, \dots\}$ in set builder form.
 a. $X = \{x: x \text{ is a set of prime numbers}\}$ b. $X = \{x: x \text{ is a set of whole numbers}\}$
 c. $X = \{x: x \text{ is a set of natural numbers}\}$ d. $X = \{x: x \text{ is a set of square numbers}\}$

NUMBER SYSTEM

1. A number when divided by 11, gives 3 as quotient and 0 as remainder. What will be the remainder when dividing the same number by 15?
 a. 1 b. 2 c. 3 d. 5

2. The LCM of two numbers is 280 and their ratio is 7:8. The two numbers are:

- a. 70, 80 b. 35,40 c. 42, 48 d. 28, 32

ALGEBRA

1. If $(x - 3y)(x + 3y) = 9$ then $x^2 - 9y^2$ is

- a. 3 b. 81 c. 27 d. 9

2. If $x * y = x + y \times x \div y - 1$, then the value of $8 * 4$ is:

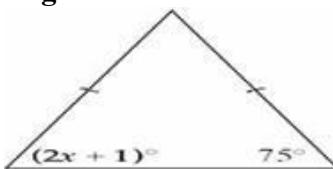
- a. 15 b. 16 c. 23 d. 24

GEOOMETRY

1. What is the slope of the line “x-axis”?

- a. 1 b. -1 c. 0 d. undefined

2. An isosceles triangle is drawn with angle as shown. Find the value of x.



- a. 37 b. 38 c. 74 d. 75

INFORMATION HANDLING

1. The average of 0, x, 6 and 9 is same as the average of 0, 6 and 9, thus the value of x is:

- a. 0 b. 1 c. 13 d. 15

2. In the grouped data, each of the group is called:

- a. Class interval b. Collection of data c. Frequency d. Grouped frequency distribution

SYLLABUS OF IQ (PART-III)

1. 8 7 10 5 4 7.....

- a. 6 b. 4 c. 3 d. 2

2. Select the pair which has same relationship as Float is to Sink:

- a. Fish: Water b. Ship: Sea c. Boat: Submarine d. War: Army
b.

3. Arrange the following words in a meaningful order: 1. Judge, 2. Police, 3. Crime, 4. Punishment, 5. Judgment.

- a. 1,2,4,3,5 b. 2,1,3,5,4 c. 4,5,2,3,1 d. 3,2,1,5,4

4. Introducing a man, a women said, “His wife is the only daughter of my father.” What is she to that man?

- a. Sister b. Maternal Auntie c. Wife d. None of these