



**SAMPLE TEST PAPER**

**General Instructions**

The test is divided into following four parts and sub-parts:

<b>Part I:</b>	<b>English</b>	<b>25 Questions</b>
<ul style="list-style-type: none"><li>• Vocabulary</li><li>• Grammar</li><li>• Comprehension</li><li>• Sentence correction</li></ul>		
<b>Part II:</b>	<b>General Mathematics</b>	<b>30 Questions</b>
<b>Part III:</b>	<b>General Science</b>	<b>25 Questions</b>
<ul style="list-style-type: none"><li>• Physics</li><li>• Chemistry</li><li>• Biology</li><li>• Computer Science</li></ul>		
<b>Part IV:</b>	<b>Intelligence Quotient</b>	<b>20 Questions</b>

**Part I**  
**ENGLISH**

**Vocabulary**

1. A week before the MUET exam, Ahmad started to \_\_\_\_\_ vocabulary, which he had not studied yet.
- a) Underscore
  - b) Betroth
  - c) Inundate
  - d) Martinet
2. Extreme degree or size
- a) Magnanimous
  - b) Rambunctious
  - c) Ebullient
  - d) Linger

**Grammar**

3. I \_\_\_\_\_ tennis every Sunday morning
- a) playing
  - b) play
  - c) am playing
  - d) am play
4. Don't make so much noise. Ahmad \_\_\_\_\_ to study for his MUET test!
- a) try
  - b) tries
  - c) tried
  - d) is trying

**Comprehension**

A man is known by the book he reads as well as by the company he keeps; for there is a companionship of books as well as of men and one should always live in the best company, whether it be of books or of men.

A good book may be among the best of friends. It is the same today that it always was, and it will never change. It is the most patient and cheerful of companions. It does not turn its back upon in times of adversity or distress. It always receives us with the same kindness; amusing and interesting us in youth, comforting and consoling us in age.

5. Which of the following would be the most appropriate title for the given passage?
- a) Books show the reader's character
  - b) Books as man's abiding friends
  - c) Books are useful in the youth
  - d) The importance of books in old age
6. The statement, "a good book may be among best of friends," in the passage means that
- a) there cannot be a better friend than a good book
  - b) books may be good friends, but not better than good men
  - c) a good book can be included among the best of friends of mankind
  - d) our best friends read the same good books

### Sentence Correction

7. Jeans was not permitted in out college.
- a) were
  - b) had
  - c) will
  - d) have
8. The furniture in this room are made of teak
- a) have
  - b) had
  - c) is
  - d) none of above

### Part II

### GENERAL MATHEMATICS

1. What will be 60% of a number whose 80% is 320?
- a) 240
  - b) 450
  - c) 500
  - d) 600
2. If the ratio of two numbers is 8:3 and their difference is 25, then what are the two numbers?
- a) 15 and 40
  - b) 17 and 42
  - c) 20 and 45
  - d) 22 and 47
3. If  $A = \{1,2,3,\dots,100\}$  and  $B = \{y \mid y \in \mathbb{N}, y < 100\}$ , then:
- a)  $A \subset B$
  - b)  $B \subset A$
  - c)  $A = B$
  - d)  $A = B'$
4. If  $f(x) = \sqrt{x^2 + 7}$  is a real-valued function, then  $f(3) = \underline{\hspace{2cm}}$ ?
- a) 4
  - b) -4
  - c)  $\pm 4$
  - d) None of these
5. Ali has two times the number of pencils as Aslam has. If 10 more pencils are added to the total pencils they already had, then it makes total 100 pencils. How many pencils did Ali have?
- a) 30
  - b) 60
  - c) 90
  - d) 45
6. For what value of  $x$  the matrix  $A = \begin{bmatrix} 1 & 7 \\ 7 & -x \end{bmatrix}$  is singular?

- a)  $x = 1$
- b)  $x = 7$
- c)  $x = -1$
- d)  $x = -7$

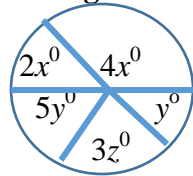
7. What is the standard deviation of 14, 14, 14, 14, 14?

- a) 70
- b) 35
- c) 0
- d) 14

8.  $\cos^2 45^\circ - \sin^2 45^\circ = \underline{\hspace{2cm}}?$

- a)  $\frac{2}{\sqrt{2}}$
- b) 0
- c) 1
- d) None of these

9. What is the average value of all five angles in the following?



- a)  $60^\circ$
- b)  $3^\circ$
- c)  $45^\circ$
- d) None of these

10. If the angles of a five-sided polygon are in the ratio 2:3:3:5:5, what is the measure of the smallest angle?

- a) 20
- b) 40
- c) 60
- d) 80

### Part III

#### GENERAL SCIENCE

#### Physics

1. The lens used in a simple microscope is

- a) Concave
- b) Convex
- c) Cylindrical
- d) Cone

2. The liquid metal is

- a) Bismuth
- b) Magnesium
- c) Mercury
- d) Sodium

## Chemistry

**3. Natural Radio-activity was first discovered by:**

- a) Rutherford
- b) Madam Curie
- c) Einstein
- d) Becquerel

**4. Covalent bonds are formed by the:**

- a) transference of electrons
- b) sharing of electrons
- c) doubling of electrons
- d) decrease of electrons

## Biology

**5. Which blood cells are called 'Soldiers' of the body**

- a) WBC
- b) Platelets
- c) RBC
- d) All of the above

**6. Deficiency of Vitamin-A results in**

- a) night blindness
- b) rickets
- c) scurvy
- d) hair fall

## Computer Science

**7. The “CPU” is also called \_\_\_\_\_ .**

- a) the backbone of computer
- b) the brain of computer
- c) the right-arm of computer
- d) the left-arm of computer

**8. One gega byte consist of \_\_\_\_\_ .**

- a) 1024 mega bytes
- b) 1130 mega bytes
- c) 1521 kilo bytes
- d) 1024 kilo bytes

## Part IV

### INTELLIGENCE QUOTIENT (IQ)

**1. Which one of the four is least like the other three?**

- a) Copper
- b) Brass
- c) Tin
- d) Lead

**2. Salam is 11 years old. Wahid is twice as old as Salam. When Wahid is 50 years old, how old will Salam be?**

- a) 49
- b) 43
- c) 41
- d) 38

3. If TLPNOECAIH is labeled as 6103589247, then 6818026749 which represents which of the following?

- a) TELEPHONIC
- b) PANASONIC
- c) TELESCOPIC
- d) TELEPATHIC

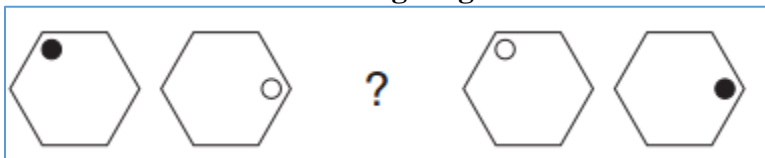
4. Hand is to ring as ear is to:

- a) Earmuff
- b) Scarf
- c) Earing
- d) Sound

5. Which comes next in 20, 25, 29, 32, 34?

- a) 45
- b) 25
- c) 34
- d) 35

6. Consider the following diagram.



Which figure should replace the question mark?



A B C D

7. Consider the following pattern.



Which of the following should come next?



A B C D

-----GOOD LUCK-----