

## GENERAL INSTRUCTIONS FOR PRE-ADMISSION TEST

1. The candidate will be required to write his/her name, father's name and seat number on the top of the answer sheet and rough work sheet.
2. All rough work must be done on the rough work sheet.
3. In order to ensure a fair chance to every candidate and to conduct the test efficiently, the candidate must carefully follow the instructions given in this booklet and by the instructor.
4. The test is divided into five parts. Each part is composed of many short items. You will be given separate instructions for each part.
5. The instructor will inform the candidate when to start work on any of the test and when to stop. It is of utmost important that the work is performed only on that portion which the test is in progress.
6. During the test, do not talk, whisper, or turn your eyes or head away from your own papers.
7. Any evidence of cheating or non-compliance of instructions will disqualify the candidate from the test, and his name will be removed from the list of the candidate for admission.
8. The candidates should carefully think about their answer before writing it on the answer sheet. Once an answer has been written on the answer sheet, the candidate will not be permitted to change any

of his/her answers in any way. You cannot erase or overwrite your previous answer. All such answers will be treated as wrong.

9. Un-attempted question/s (blank) must be marked with a cross on the answer sheet.
10. There will be no negative marking in all parts of the test.
11. When the Instructor says, stop, the candidates are required to stop writing and cover your test booklet with the large size card specially provided for this purpose.

Note: The candidates should not mark answers on the question paper. All answers must be written only on the answer sheet with black ballpoint pen that has been provided to you

## SAMPLE PAPER FOR PRE-ADMISSION TEST

### English

I do not have \_\_\_\_\_ much time for studying \_\_\_\_\_ I would like to.

- a) as/as
- b) more/that
- c) so/that
- d) too/that

The table was \_\_\_\_ big to fit through the door, so we had to take it apart first.

- a) more
- b) so
- c) too
- d) enough

English is today the third \_\_\_\_\_ native language worldwide after Chinese and Hindi.

- a) much spoken
- b) most spoken
- c) the most spoken
- d) the more spoken

### Chemistry

Of the following name/symbol combinations of elements, which one is wrong?

- a) sulfur/S
- b) nitrogen/N
- c) potassium/K
- d) iron/I

Which atomic orbital is spherical in shape?

- a) 4f
- b) 2s
- c) 3d
- d) 3p

In the Bronsted-Lowry system, a base is defined as:

- a) a proton donor
- b) a hydroxide donor
- c) an electron-pair acceptor
- d) a proton acceptor

### Biology

Plants receive their nutrients mainly from \_\_\_\_\_.

- a) light
- b) atmosphere
- c) soil
- d) chlorophyll

Most cell membranes are composed principally of \_\_\_\_\_.

- a) nucleotides and amino acids
- b) proteins and lipids
- c) DNA and ATP
- d) chitin and starch

which part of a flower do both meiosis and fertilization occur?

- a) ovule
- b) stigma
- c) petal
- d) anther

### Physics

The fundamental unit of length in SI unit of measurement is \_\_\_\_\_.

- a) meter
- b) yard
- c) foot
- d) kilometer

The force with which earth attracts a body towards its center is called \_\_\_\_ of the body.

- a) gravity
- b) weight
- c) momentum
- d) velocity

If the speed of the body is doubled, its kinetic energy becomes \_\_\_\_\_.

- a) Half
- b) twice
- c) three times
- d) four times

### Mathematics

What is the size of the angle (in degrees) between the hands of a clock at half past eight?

- a) 60
- b) 65
- c) 75
- d) 80

Which of the following gives the highest annual income (dollars)?

- a) 652 per week
- b) 1300 per fortnight
- c) 2850 per month
- d) 33500 per year

If you roll a dice twice, what is the probability that you would get 6 both the times?

- a) 1/3
- b) 1/6
- c) 1/12
- d) 1/36