

## Sample question for written MPH admission & Selection steps

### Part I

#### Logical Reasoning

1. What is the sixth element in the set XYZ, XZY, YXZ, YXZ, YZX, ZXY,...

- (A) YZZ      (B) XZZ      (C) YXZ      (D) ZYX      (E) ZYY

2. A man walks 4 miles east, 2 miles north, 8 miles west, 5 miles south and then 5 miles east. What is the shortest distance (in miles) he would have to walk in order to get back to his starting point?

- (A)  $2\sqrt{2}$       (B)  $\sqrt{10}$       (C) 3      (D)  $\sqrt{2}$       (E)  $6\sqrt{3}$

### Part II

#### Basic Arithmetic

1. The average of three numbers is 24. If two of the numbers are 21 and 23, the 3<sup>rd</sup> number is

- (A) 20      (B) 24      (C) 26      (D) 28      (E) 30

2. If the diameter of a circle doubles, circumference of the new circle is how many times the circumference of the original circle?

- (A)  $\pi$       (B)  $2\pi$       (C) 1      (D) 2      (E) 4

### Part III

#### English comprehension

*Text will be given to read and the questions will be answered from the text in MCQ form.*

### Part IV

#### English Essay

*Write a short essay on a given topic (Approx. 300 words)*

#### Group Interview

Selected candidates from written test will be called for group interview. A group of 15 – 18 candidates will be evaluated in a one hour-long group discussion.

#### Individual interview

Selected candidates from Group discussion will be called for individual interview for assessing capacity of articulation, motivation for public health & relevant experience.