



**DEPARTMENT OF POPULATION SCIENCES  
UNIVERSITY OF DHAKA  
MASTER OF POPULATION SCIENCES (MPS)  
PROFESSIONAL DEGREE PROGRAM, 2018-2019**

**Guidelines for Admission Test**

1. The admission test will comprise of the following three parts:

**English Language:** Questions in the MCQ part of this section will test the candidate's knowledge and understanding of English grammar, syntax, comprehension, etc. The written part of this section will test the candidate's writing skills. Structural writing, short essay, comprehension, precis, sentence correction, etc., may be used for this purpose.

**Quantitative Aptitude:** The quantitative aptitude part is designed to test your mathematical ability on arithmetic, algebra and geometry in the form of comparison, problems, etc. The questions may include the followings:

*Arithmetic:* Percentages, proportions, ratios, fractions, interests, simplifications, etc.;

*Algebra:* Factors, series, functions, linear equations, graphs, etc.;

*Geometry:* Coordinate geometry, loci, straight lines, angles, triangles, parallelograms, circles, areas, volumes, planes, etc.

**General Knowledge:** This Part consists of general knowledge on population and development issues, Bangladesh issues, international affairs, etc.

2. Marks distribution of written test:
- |                       |    |
|-----------------------|----|
| English Language      | 25 |
| Quantitative Aptitude | 25 |
| General Knowledge     | 25 |

3. The duration of the test will be 75 (seventy five) minutes.
4. For multiple choice questions (MCQs), 25% marks will be deducted for each incorrect answer. Each unanswered question will earn '0' marks.
5. Candidates will not be considered to be eligible for admission if she/he does not obtain minimum qualifying marks in each of the three parts of the test.
6. For MCQ sections, all answers must be given in the ANSWER SHEET provided. Each question in the Test Booklet will be followed by four or five answer choices. Select only one answer for each question. In the ANSWER SHEET, completely darken the letter in the box corresponding to your selected answer with 2B pencil/ballpoint pen so that the letter cannot be seen. If you want to change your answer in the ANSWER SHEET, completely erase your earlier answer. But you must use ball-point pen to write your name, admit number and test booklet number. All rough works should be done in the Test Booklet only. **Do not bring calculator and mobile phone.**

**A Sample Question:**

If 144 pencils cost Tk.  $d$ , how many pencils can be purchased for Tk. 0.50?

- (A)  $72d$       (B)  $288d$       (C)  $\frac{72}{d}$       (D)  $\frac{d}{72}$       (E)  $\frac{720}{d}$

The correct answer is (C). So, you should darken the appropriate circle in the Answer Sheet as shown below:



7. For written questions on English language, answers must be given in the test booklet.
8. You should find out the seat plan for the Admission Test from the Department Office one day prior to the Test day.