



KENYATTA UNIVERSITY
UNIVERSITY EXAMINATIONS 2010/2011
INSTITUTE OF OPEN LEARNING
EXAMINATION FOR THE DEGREE OF BACHELOR OF EDUCATION
PSE 311: COMMUNICATION SKILLS FOR THE VISUALLY IMPAIRED II

DATE: Thursday 3rd February, 2011

TIME: 2.00 p.m. – 4.00 p.m.

INSTRUCTIONS

Answer all questions in section I and only two questions in section II

Section I: Compulsory (30 marks)

1. Andika maneno yafuatayo kwa breli ya Kiswahili daraja ya pili. (alama 15)
 - a. Mwanzilishi
 - b. Kinyonga
 - c. Chombo
 - d. Taadhima
 - e. Twende
 - f. Chai
 - g. Amepamba
 - h. Alisimama
 - i. Desturi
 - j. Usitegemee
 - k. Alibobokwa
 - l. Thuluthi
 - m. Amenaswa
 - n. Watalii
 - o. Waziri
2. Transcribe the following mathematical terms in to mathematics braille notation (15 marks)
 - a. 2,346,018
 - b. 59y
 - c. 79.385555
 - d. 64%
 - e. $\frac{10a}{c}$
 - f. 3:5
 - g. $\sqrt[3]{729}$
 - h. 80km/hr
 - i. 10 years
 - j. $12m^2$

Section II: Answer either question three or four and either question five or six (40 marks)

3. Andika aya zilizo kwenye ukurasa wa breli kwa maandishi ya kawaida. (alama 20)
4. Kwa breli ya Kiswahili daraja ya pili, andika juu ya faida za kujifunza somo hili la breli ya Kiswahili na hesabu. Hakikisha maelezo yako hayapunguwi ukurasa mmoja wa breli. (alama 20)
5. Using mathematics braille notation, solve the following problems showing all the steps involved.
 - a. $2x + 4y - z$ where $x = 8$, $y = 6$ and $z = 10$. (5 marks)
 - b.
$$\frac{1\frac{3}{5} \times 4\frac{7}{8}}{2}$$
 (5 marks)
 - c. $\frac{3^6}{3^2}$ (3 marks)
 - d. Convert 253,000 meters (m) into kilometers (km). (3marks)
 - e. A car is travelling from Nairobi to Mombasa at a speed of 80km/hr. The car begun its journey at 6.30am and must travel 500km. At what time will it get to Mombasa? (4 marks)
6. Transcribe the mathematical expressions on the attached braille page in to print. (20 marks).