MAASAI MARA UNIVERSITY

REGULAR UNIVERSITY EXAMINATION 2018/2019

THIRD YEAR SECOND SEMESTER

SCHOOL OF EDUCATION

DEGREE OF BACHELOR OF EDUCATION SPECIAL NEEDS

(REGULAR)

COURSE CODE: SNE 3213E

COURSE TITLE: KISWAHILI AND MATHEMATICS BRAILLE

Date: 18/4/2019 **Time: 8:30 AM – 10:30 AM**

INSTRUCTIONS

*Answer **ALL** questions in **Section A** and **ANY Three** in section B*

SECTION A (25 MARKS)

1. a) Write the following in braille mathematics notation

(i) 64 x 5 = 320
(ii) 4(3k + 2m)
(iii) 27t – 3t =9
(iv) 159 – 90 = 69
(v) 2/7 x3/4 = 6/28

(10 mks)

b) Andika sentensi zifuatazo kwa braili ukitumia mikato uliyojifunza.

i. Mtu yeyote aweza kunyoa nywele.
ii. Heri kujikwaa guu kuliko kujikwa ulimi.
iii. Mtalii amepanda ndege na kwenda.
iv. Sisi tulisafiri mwendo mrefu hadi shule.
v. Yeye ni tajiri , ingawa hasaidii watu maskini.

(10 marks)

(c) State dots that represents the following

i. Power Sign
ii. Square Roots
iii. Decimal Point
iv. Square Opening Bracket
v. Numeral Sign

(5mks)

SECTION B (45 MARKS)

2. Andika taarifa ifuatayo kwa braili.

Hapo zamani wanyama walipokuwa wakizungumza na watu kabla watu hawajitenga na viumbe wengine paliondoka panya aliyekuwa rafiki mkubwa wa mtoto mmoja mvulana. Wakakaa kwa siku nyingi hadi ikafikia wakati wa yule mvulana kutafuta ili apose. Katika nchi ile alikuwako mfalme aliyekuwako na binti yake mzuri sana.

Mfalme hakutaka kumwoza bintiye kwa mtu yeyote ila kwa mtu aliyekuwa na nguvu kupita watu wote. Basi habari hii ikatangazwa mpaka yule kijana akaipata, naya akakata neno ajaribu kumwoa binti mfalme.

(15 marks)

3. Write the following mathematical problems into print. (Work on a separate sheet**.**

   (15 marks)

4. Write the following in braille

   i. 1/4+1/4 + 2/4
   ii. 20% of 100=
   iii. 21/2 + 31/2 =
   iv. 31/3 + 51/4 =
   v. 13.65 -6.35=
   vi. 51/2m x 5m =
   vii. $6Nm^{-3}$
   viii. (3a + 10b)(6a- 5b)
   ix. 4(s + t) =
   x. $131/2Nm^{2}$ **(15mks)**

5. Badilisha sentensi zifuatazo kutoka kwa braili hadi kwa printi

(15mks)