



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY
SCHOOL OF EDUCATION
UNIVERSITY EXAMINATION FOR THE DEGREE OF BACHELOR OF
SPECIAL NEEDS EDUCATION.
2ND YEAR 1ST SEMESTER 2018/2019 ACADEMIC YEAR
MAIN CAMPUS REGULAR

COURSE CODE: ESE 202

COURSE TITLE: INTRODUCTION TO BRAILLE

EXAM VENUE: SNE SKILS LAB

STREAM: DEGREE (SNE)

DATE: 21/08/2019

EXAM SESSION: 12:00-2:00PM

TIME: 2 HOURS

Instructions:

- 1. Answer Question ONE (COMPULSORY) and ANY other 2 questions**
- 2. Candidates are advised not to write on the question paper.**
- 3. Candidates must hand in their answer booklets to the invigilator while in the examination room.**

QUESTION 1

a. (i) Debraille the following words

(20marks)

- i. ⠠⠠⠠⠠⠠⠠⠠⠠
- ii. ⠠⠠⠠⠠⠠⠠⠠⠠
- iii. ⠠⠠⠠⠠⠠⠠⠠⠠
- iv. ⠠⠠⠠⠠⠠⠠⠠⠠
- v. ⠠⠠⠠⠠⠠⠠⠠⠠
- vi. ⠠⠠⠠⠠⠠⠠⠠⠠
- vii. ⠠⠠⠠⠠⠠⠠⠠⠠

- viii. ⠠⠠⠠⠠⠠⠠⠠⠠
- ix. ⠠⠠⠠⠠⠠⠠⠠⠠
- x. ⠠⠠⠠⠠⠠⠠⠠⠠

(ii) Braille the passage bellow (10 Mks)

For ages now, nomadic pastoralists have roamed the vast expanses of semi-arid lands of north eastern region. They subsist on animal products. Arable land is limited and this causes regular skirmishes as pastoralist tribe's clamor for water resources and pasture. Hunger is not an unusual thing with pastoralists. How can we support them and reduce the number of school dropouts? Suppose boreholes are sank, more mobile and boarding schools built?

b. Debraille the following sentences

(10marks)

$\frac{1}{2} + \frac{1}{3} = \frac{3}{6} + \frac{2}{6} = \frac{5}{6}$
 $\frac{1}{4} - \frac{1}{8} = \frac{2}{8} - \frac{1}{8} = \frac{1}{8}$
 $\frac{1}{5} \times \frac{2}{3} = \frac{1 \times 2}{5 \times 3} = \frac{2}{15}$
 $\frac{1}{6} \div \frac{1}{3} = \frac{1}{6} \times \frac{3}{1} = \frac{3}{6} = \frac{1}{2}$
 $\frac{1}{2} \div \frac{1}{4} = \frac{1}{2} \times \frac{4}{1} = \frac{4}{2} = 2$
 $\frac{1}{3} + \frac{1}{4} = \frac{4}{12} + \frac{3}{12} = \frac{7}{12}$
 $\frac{1}{5} - \frac{1}{10} = \frac{2}{10} - \frac{1}{10} = \frac{1}{10}$
 $\frac{1}{6} \times \frac{3}{4} = \frac{1 \times 3}{6 \times 4} = \frac{3}{24} = \frac{1}{8}$
 $\frac{1}{8} \div \frac{1}{4} = \frac{1}{8} \times \frac{4}{1} = \frac{4}{8} = \frac{1}{2}$
 $\frac{1}{9} + \frac{1}{10} = \frac{10}{90} + \frac{9}{90} = \frac{19}{90}$
 $\frac{1}{12} - \frac{1}{15} = \frac{5}{60} - \frac{4}{60} = \frac{1}{60}$
 $\frac{1}{15} \times \frac{2}{3} = \frac{1 \times 2}{15 \times 3} = \frac{2}{45}$
 $\frac{1}{18} \div \frac{1}{6} = \frac{1}{18} \times \frac{6}{1} = \frac{6}{18} = \frac{1}{3}$

QUESTION 3

Debraile the following mathematical notations

(20 marks)

- $\frac{1}{2} + \frac{1}{3} = \frac{3}{6} + \frac{2}{6} = \frac{5}{6}$
- $\frac{1}{4} - \frac{1}{8} = \frac{2}{8} - \frac{1}{8} = \frac{1}{8}$
- $\frac{1}{5} \times \frac{2}{3} = \frac{1 \times 2}{5 \times 3} = \frac{2}{15}$
- $\frac{1}{6} \div \frac{1}{3} = \frac{1}{6} \times \frac{3}{1} = \frac{3}{6} = \frac{1}{2}$
- $\frac{1}{2} \div \frac{1}{4} = \frac{1}{2} \times \frac{4}{1} = \frac{4}{2} = 2$
- $\frac{1}{3} + \frac{1}{4} = \frac{4}{12} + \frac{3}{12} = \frac{7}{12}$
- $\frac{1}{5} - \frac{1}{10} = \frac{2}{10} - \frac{1}{10} = \frac{1}{10}$
- $\frac{1}{6} \times \frac{3}{4} = \frac{1 \times 3}{6 \times 4} = \frac{3}{24} = \frac{1}{8}$
- $\frac{1}{8} \div \frac{1}{4} = \frac{1}{8} \times \frac{4}{1} = \frac{4}{8} = \frac{1}{2}$
- $\frac{1}{9} + \frac{1}{10} = \frac{10}{90} + \frac{9}{90} = \frac{19}{90}$
- $\frac{1}{12} - \frac{1}{15} = \frac{5}{60} - \frac{4}{60} = \frac{1}{60}$
- $\frac{1}{15} \times \frac{2}{3} = \frac{1 \times 2}{15 \times 3} = \frac{2}{45}$
- $\frac{1}{18} \div \frac{1}{6} = \frac{1}{18} \times \frac{6}{1} = \frac{6}{18} = \frac{1}{3}$

j. ⠵⠢⠠⠨ ⠵⠢⠠⠨ ⠵⠢⠠⠨ ⠵⠢⠠⠨ ⠵⠢⠠⠨ ⠵⠢⠠⠨ ⠵⠢⠠⠨

QUESTION 4

Name the parts of Braille and explain the care and maintenance of the equipment.

(20mks)

QUESTION 5

Transcribe the following passage to print. (20 marks)

Don't fear flu shots. The virus in the flu vaccine is dead, so it is not likely to cause flu. I hear they are at loggerheads over the affairs. They accuse the beggar of robbing them and bagging all the staff concealed beneath a muddled heap of rubbish. If you wish to climb the success ladder, hard work is a must. A very serious breach of peace occurred as he slept huddled up all of a heap, with muffled up ears. Rabbits can have a devastating effect on a vegetable patch. For all its benefits , being a stay-at-home parent means no salary. Is certainly not a simple job being on duty or at least on call twenty-four hours a day can really wear you down at times.

JOOUST Observe zero tolerance for cheating