Name .... Adm No............ Class .... No ..... Sign.......

NYABURURU GIRLS' NATIONAL SCHOOL

OUR LADY OF LOURDES

FORM 4 AGRICULTURE 443/2

TRIP ASSIGNMENT 2016

PAPER 2

TIME: 2 HOURS

Date done	
Invigilator	
Date returned	
Date revised	

Instructions

- Write your name. class and class number in the spaces provided above.
- Write the date and sign in the space provided.
- This paper consists of three sections A, B and C.
- Answer all the questions in section A and B in the spaces provided.
- Answer only two questions section C in the spaces provided.
- Candidates should check the question paper to ascertain that all pages are printed as indicated.

FOR EXAMINER'S USE ONLY

Section	Questions	Max. Score	Candidate's Score
A	1 – 15	30	
B	16 – 19	20	
C	20	20	
	21	20	
	22	20	
	TOTAL	80	

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SECTION A (30 MARKS)

Answer all the questions in this section in the spaces provided

1. State four factors to consider when sorting and grading eggs for marketing.   (2mks)

   (i)

   (ii)

   (iii)

   (iv)

2. State four reasons for feeding calves with colostrum.   (2mks)

   (i)

   (ii)

   (iii)

   (iv)

3. List four reasons for maintaining a wheelbarrow.   (2mks)

   (i)

   (ii)

   (iii)

   (iv)

4. Name four dairy breeds of goats.   (2mks)

   (i)

   (ii)

   (iii)

(iv)

5. State four factors that determine power output in draught animal.   (2mks)

(i)

(ii)

(iii)

(iv)

6. Distinguish between flushing and steaming up.   (2mks)

7. State four uses of solar power in the farm.   (2mks)

(i)

(ii)

(iii)

(iv)

8. A farmer wanted to prepare a feed ration of 18% DCP weighing 220Kg. The feedstuffs available were sorghum 8% DCP and soya beans 29% DCP. Determine the quantity of each feedstuff used using Pearson's square method.   (2mks)

9. State four differences between disc plough and mould board plough. (2mks)

   (i)

   (ii)

   (iii)

   (iv)

10. Name four requirements of calf pens. (2mks)

   (i)

   (ii)

   (iii)

   (iv)

11. (a) State two reason for using warm water before milking the cow. (1mk)

   (i)

   (ii)

   (b) State two importance of using saw dust in deep litter system. (1mk)

   (i)

   (ii)

12. Name four routes through which disease causing micro-organisms enter the animal's body. (2mks)

   (i)

   (ii)

   (iii)

(iv)

13. State four characteristics of dairy cattle. (2mks)

(i)

(ii)

(iii)

(iv)

14. State the role of each of the following digestive parts in farm animals. (2mks)

(i) Gizzard

(ii) Crop

(iii) Rumen

(iv) Omasum

15. State four reasons for lubricating a tractor system. (2mks)

(i)

(ii)

(iii)

(iv)