



SOUTH EASTERN KENYA UNIVERSITY

UNIVERSITY EXAMINATIONS 2016/2017

SECOND SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE IN DRYLAND ANIMAL SCIENCE

ANS 207: HIDES AND SKINS

DATE: 11TH APRIL 2017

TIME: 8.00 -10.00 AM

Answer all questions in SECTION A and any two (2) in SECTION B.

SECTION A

- Q1 Distinguish between hides and skins (6 Marks)
- Q2. How an animal skin is dried (6 Marks)
- Q3. (i)What were the major defects of skin used by early man? (3 Marks)
(ii) What is leather? (3 Marks)
- Q4. (i) List Beamhouse operations (3 marks)
(ii) What are the effects of tannins on proteins? (3 Marks)
- Q5. Briefly explain the fate of the layers of the skin during tanning (6 Marks)

SECTION B

- Q6. Discuss the environmental impacts of the leather industry and how the impacts could be mitigated (20 Marks)
- Q7. Compare vegetable and chemical tanning (20 Marks)
- Q8. Write short notes on the following:
- (a) Post tanning (5 Marks)
 - (b) Finishing (5 Marks)
 - (c) Buffing (5 Marks)
 - (d) Embossing (5 Marks)