



ELIZADE UNIVERSITY, ILARA-MOKIN, ONDO STATE, NIGERIA

BASIC & APPLIED SCIENCES
BIOLOGICAL SCIENCES
SECOND SEMESTER EXAMINATION
2016/2017 ACADEMIC SESSION

COURSE CODE: BIO 204
COURSE TITLE: PRINCIPLES OF BIOLOGICAL TECHNIQUES
DURATION: 2 HOURS
UNIT: 1

A handwritten signature in black ink, enclosed within a rectangular box. The signature appears to be 'A. S. Santos'.

HOD'S SIGNATURE

NAME:..... MAT. No:.....

INSTRUCTIONS: Answer all the questions

- 1 a). Highlight three (3) factors affecting conductivity of a medium
- b). Describe the working principle of colorimetry
- 2 a). Define chromatography
- b). Explain succinctly any two types of chromatography that you know
- 3 a). State one (1) similarity and two (2) differences between light and electron microscope
- b). Briefly explain: (i) Magnification and (ii) Resolution, in microscopy.