



ELIZADE UNIVERSITY,
ILARA-MOKIN,
ONDO STATE.

FACULTY: BASIC & APPLIED SCIENCES
DEPARTMENT: BIOLOGICAL SCIENCES
SECOND SEMESTER EXAMINATION
2015/2016 ACADEMIC SESSION

COURSE CODE: BTH414
COURSE TITLE: Animal Cell Culture

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HOD's SIGNATURE

DURATION: 2 hours

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

INSTRUCTIONS:
Attempt Three Question

1. (a) Growth factors promote proliferation in animal cell culture, list five commonly used growth factors and their respective sources.
(b) Discuss the two commonly used cryopreservation methods for animal cell culture.
2. List and explain the possible challenges that are encountered in animal cell culture using a bioreactor.
3. (a) List the commonly known contaminations during animal cell culture.
(b) Provide the ways in which the above listed contaminations can be prevented.
4. (a) State the conditions necessary for culturing of animal cells
(b) List the important nutrient sources in a culture media.