

LAGOS CITY POLYTECHNIC, IKEJA
SCHOOL OF MANAGEMENT AND BUSINESS STUDIES
DEPARTMENT OF GENERAL STUDIES
2015/2016 SEMESTER EXAMINATION

COURSE TITLE: GENERAL BIOLOGY
COURSE CODE: GNS 230

NO OF QUESTION: 3
TIME: ALLOWED:

1½ HRS

FOR WHOM: ND YR I AC, ND YR IIBS PT INSTRUCTIONS:

Answer

all

1. (a) ~~With the aid of a diagram differentiate between plant and animal cells.~~
 (b) (i) List 3 characteristics difference between fungi and algae.
 (ii) State the difference between hetrotropic types of feed and autotrophic of feeding.
 (iii) Explain the various stages in feeding as pertain to animals.
- (c) (i) List the various branches of biology
 (ii) How can you differentiate between living and non living things.
2. (a) Differentiate in details the differences between Excreations and Respiration
 (b) Draw a well labelled human heart.
 (c) Mention 4 advantages of respiration and excretion.
 (d) Explain the functions of the blood and how the white blood cells helps in defeating diseases.
3. (a) Explain the following terms
 (i) Sextual reproduction
 (ii) Asexual reproduction
 (iii) Genotype
 (iv) Gene
 (v) Ecology
 (vi) Community
 (vii) Osmosis
 (viii) Diffusion
 (ix) Pollution
- (b) Explain in details environmental pollution, enumerating the sources, and control measures Hint (your write up must have introduction Body, future prospect and conclusion).