



GRAPHIC USER INTERFACE DESING ---- END OF TERM 1 EXAM

COURSE: GUI

EXAM: TERM 1

PERIOD: 2HOURS

MARKS: 90

INSTRUCTOR: Stanley Mwizerwa



GRAPHIC USER INTERFACE DESIGN ---- END OF TERM 1 EXAM

- 1) Differentiate UX from UI **(4marks)**
- 2) Give 5 benefits of graphic design **(10marks)**
- 3) Explain at least five tools used in graphic design **(10marks)**
- 4) List at least 5 software applications used in graphic design **(10marks)**
- 5) Differentiate Pagination element from image carousel elements **(2marks)**
- 6) Give definitions of the following terms in digital images: **(20marks)**
 - i) Pixel
 - ii) Pixel density
 - iii) Resolution
 - iv) Bits depth
 - v) Image compression
- 7) Explain the two factors that affect digital image quality **(2marks)**
- 8) Give two differences between vector and raster images **(2marks)**
- 9) In data compression we have lossy and lossless methods. **(20 marks)**
 - i) Explain four differences between lossy and lossless data compression methods **(8 Marks)**
 - ii) List three Lossy image formats **(6 Marks)**
 - iii) List three lossless images formats **(6Marks)**