



SLIATE

SRI LANKA INSTITUTE OF ADVANCED TECHNOLOGICAL EDUCATION

(Established in the Ministry of Higher Education, vide in Act No. 29 of 1995)

**Higher National Diploma in Information Technology
First Year, Second Semester Examination – 2021
HNDIT 1211 - User Interface Design - Model Paper**

Instructions for Candidates:

Answer all questions

Non programmable calculators are allowed

No. of questions : 04

No. of pages : 02

Time : Two (02) hours

Question 01

- i. What are the Components of the HCI Model?
- ii. What are the two types of interaction design?
- iii. What are the Goals of Interaction Design?
- iv. Mention two each Past and Present Main characteristics of HCI
- v. Briefly explain about PACT Framework

Question 02

- i. What is color theory?
- ii. What are the main integral parts of color?
- iii. Briefly explain about Chroma of colors
- iv. Write the five (05) different types of color palettes
- v. What are the two types of color models and briefly explain

Question 03

- i. What is UCD Mean and briefly explain UCD?
- ii. What is Typography and write two important typography?
- iii. What are the 3 font file formats? Explain it.
- iv. Write two measurements and briefly explain and write the Typography basics?

Question 04

- i. Explain the usability and Accessibility
- ii. What are the 5-quality component of usability and briefly explain
- iii. What are the 3 accessibility fails and explain it.
- iv. Write how to improve the usability?