



NATIONAL OPEN UNIVERSITY OF NIGERIA
14/16, Ahmadu Bello Way, Victoria Island

SCHOOL OF SCIENCE AND TECHNOLOGY
October, 2013 Examination

Course Code: CIT 735
3hrs

Time Allowed:

Course Title: Application Software Design and Multimedia
Unit: 3

Course Credit

Instruction: Answer any **five (5)** questions

QUESTIONS

1a. What is the main significance of 'firewire' within the context of application software design? (4 marks)

1b. Name at least 5 tools used for making sound recording.
(10 marks)

**[Total = 14
marks]**

2a. Give the full meaning of the following abbreviations, indicating their specific roles:

i. MPEG

) 4 marks

ii. FLV

) 4 marks

iii. WMV

) 4 marks

(12 marks)
(2 marks)

2b. List any 2 components of a basic layout.

**[Total = 14
marks]**

3a. Give a concise description of the term 'CODEC'. (6 marks)

3a. List and give a detailed explanation of any 3 formats for saving images. (9 marks)

**[Total = 14
marks]**

4a. Explain by means of examples, any two facts to be deduced from the notion of Multimedia notion.
(10 marks)

4b. List any two (2) components of **deliverables**. (4 marks)

**[Total = 14
marks]**

5a. Write on five (5) work models in the user-centred design process. (10 marks)

5b. State any 2 standards used in video capturing and display. (4 marks)

**[Total = 14
marks]**

6a. Give a concise explanation of the following within the context of Application Software Design and Multimedia:

i. Audacity)

- ii. Podcast) 4marks each = (12marks)
 - iii. Plug-in)
 - iv. Leading
- 6b. Give any 2 aspects of the 'loop of interaction' (2 marks)

**[Total = 14
marks]**

- 7a. List and describe 3 common sources of digital images. (12 marks)
- 7b. What are the possible combinations of zeros and ones in eight bits? (2 marks)

**[Total = 14
marks]**