



UNIVERSITI TUN HUSSEIN ONN MALAYSIA

**FINAL EXAMINATION
SEMESTER II
SESSION 2012/2013**

COURSE NAME : AUDIO VIDEO PRODUCTION
COURSE CODE : BIT 32303
PROGRAMME : 3 BIT
EXAMINATION DATE : JUNE 2013
DURATION : 2 HOURS AND 30 MINUTES
INSTRUCTION : ANSWER ALL QUESTIONS

THIS QUESTIONS PAPER CONSISTS OF **THREE (3)** PAGES

Q1 Based on the following **FIGURE Q1**:

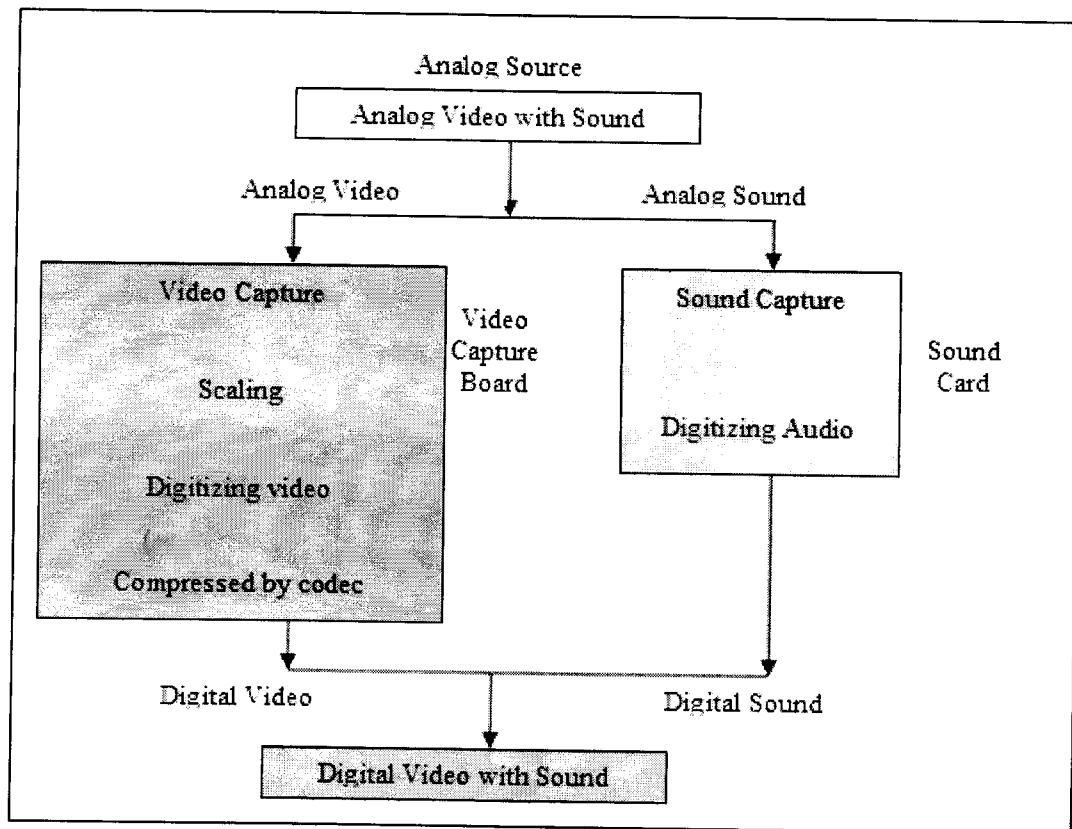


FIGURE Q1

- (a) Name **THREE (3)** digital video file formats. (3 marks)
- (b) Explain **TWO (2)** processes in digitizing video phase as depicted in **FIGURE Q1**. (10 marks)
- (c) Discuss **THREE (3)** types of analog video signals involved in video capturing. (12 marks)

- Q2**
- (a) List **THREE (3)** examples of Sound Foley. (3 marks)
 - (b) Explain all steps involved in digital audio recording. (10 marks)
 - (c) Calculate the file size (in MB) for three minutes of audio file recorded with stereo channel and single quantization resolution using CD Quality sampling rate. (12 marks)

- Q3** (a) Using lossless compression method, calculate the video file size of a two minutes video that use 16 bit color, 800 x 640 resolutions, 15 fps with 22.05kHz, stereo and 8-bit audio.
- (13 marks)

- (b) Compare **THREE (3)** advantages and **THREE (3)** disadvantages of Linear Editing and Non-Linear Editing techniques for video production.
- (12 marks)

Q4 Given the following scenario:

Your production studio has been assigned to produce a corporate video for Faculty of Computer Science and Information Technology, University Tun Hussein Onn Malaysia (UTHM). The video will need to include academic programs, facilities, staff, student's reflection and other interesting things that can help to promote both the faculty and UTHM to public.

- (a) Design **FIVE (5)** storyboards to illustrate the main content of the video based on the above scenario.
- (10 marks)
- (b) Propose audio scripts for every scene in the storyboard.
- (10 marks)
- (c) Justify which video editing software that you think is suitable to produce the video.
- (5 marks)

-END OF QUESTION-