

Reg. No. ....

Name .....

**FOURTH SEMESTER B.A. DEGREE EXAMINATION, APRIL/MAY 2005**

(Vocational Course)

Branch : Mass Communication and Video Production

**SOUND RECORDING AND EDITING**

Time : Three Hours

Maximum : 60 Marks

1. Write short notes on any *ten* of the following :—

- 1 The properties of sound.
- 2 Synchronous and non-synchronous recording.
- 3 Intensity of sound.
- 4 Resonance.
- 5 Acoustics.
- 6 Single system and Double system sound.
- 7 Nagra recorder.
- 8 Directivity of a microphone.
- 9 Gun microphones.
- 10 Loud speakers.
- 11 Condenser microphones.
- 12 Frequency and pitch.
- 13 Headphones.
- 14 Speed of sound.

(10 × 2 = 20 marks)

II. 1 Briefly describe the role of a Sound Recordist in the different stages of a film/video production *viz* pre-shooting, shooting and post-shooting.

Or

Represent by means of a block diagram the machines used in a recording studio clearly indicating the signal path from the source to the destination.

2 Briefly describe the differences between Analogue Sound Recording and Digital Sound Recording. What are the technical aspects which give digital sound recording an advantage over analogue sound recording ?

Or

Write short notes on the following :—

- (i) Sensitivity of a microphone.
- (ii) Signal to noise ratio.
- (iii) Dynamic range.
- (iv) Magnetic Sound Recording and Optical Sound Recording.

(20 + 20 = 40 marks)