

(040830412)

M.Sc. DEGREE EXAMINATION, NOVEMBER 2017

THIRD SEMESTER

Branch - Computer Science

Paper V — MULTIMEDIA

Time : 3 Hours

Max. Marks : 70

SECTION - A

Answer any FIVE of the following.

(Marks : 5 × 4 marks = 20 marks)

1. Define a multimedia. And explain the characteristics of multimedia.
2. Explain the types of video signals.
3. Describe the action script features.
4. Write a short note on inter facer in Actionscrip II.
5. Explain about OOP application frame work.
6. Write about wave-let based coding.
7. Explain about video compression based on motion compensation.
8. Explain the applications of multimedia networks.

SECTION - B

Answer ONE question from each Unit.

(Marks : 4 × 12.5 marks = 50 marks)

UNIT - I

9. (a) List out the multimedia software tools.

Or

- (b) Explain about MIDI (Musical Instrument Digital Script).

UNIT - II

10. (a) Write a short note on object – oriented action script.
- (b) Explain about object – oriented action script classes.

Or

- (c) What is meant by inheritence in action script and explain the action script 2.0 subclasses?

[P.T.O.]

UNIT - III

11. (a) Explain about different components of action script movie clip subclasses.

Or

- (b) Explain about lossy compression algorithms.

UNIT - IV

12. (a) Explain about MPEG.

- (b) Describe the basic audio compression techniques.

Or

- (c) Explain about multimedia over ATM networks.

- (d) Write a short note on Media-On-Demand (MOD).
-