

Code: R7421006a

R7

B.Tech IV Year II Semester (R07) Advanced Supplementary Examinations June 2012

TELEMETRY AND TELECONTROL

(Electronics and Control Engineering)

Time: 3 hours

Max Marks: 80

Answer any FIVE questions

All questions carry equal marks

- 1 (a) Draw the block diagram of telemetry system. Explain each block.
(b) Explain about pneumatic telemetry system.
- 2 Explain about channel coding.
- 3 Explain about frequency division multiplexing.
- 4 Explain about time division multiplexing.
- 5 Give the general considerations about satellite communication.
- 6 Draw and explain about optical telemetry with block diagram.
- 7 Explain about remote adjustment using telecontrol apparatus.
- 8 List and briefly explain the environmental and interface conditions of telecontrol apparatus.
