MIDTERM EXAM

EE568
KUMAR
Sp ’02
Mar. 4

- CLOSED BOOK exam (this means that students cannot bring in any books into the exam room, nor their class notes, nor any form of handwritten note, i.e., crib sheets are not permitted)
- No calculators are allowed.
- 75 min. exam
- All codes in the exam are binary codes
- An $[n, k, d_{\text{min}}]$ code means a code of length $n$, dimension $k$ and minimum distance $d_{\text{min}}$
- An $[n, k]$ code means a code of length $n$ and dimension $k$
- Answer all questions
- Show all your working and all of your intermediate steps clearly
- Where appropriate, please place a box around your final answer
- 6 questions, 10 pages, maximum score = 36 points.
- Good luck!