

## **I. BASIC CONCEPTS**

- 1. UNIVARIATE UNCERTAINTY, H; DIVERSITY, INFORMATION**
- 2. MEASURES & MODELS**
- 3. BIVARIATE & CONDITIONAL UNCERTAINTIES**
- 4. TRANSMISSION, T (MUTUAL INFORMATION, CONSTRAINT)**
- 5. COMPUTATIONS ON CONTINGENCY TABLES**
- 6. A STATE DECOMPOSITION OF UNIVARIATE UNCERTAINTY**
- 7. T IN 'TRANSMISSION' & 'SEQUENTIAL' SITUATIONS**
- 8. T AS LIKELIHOOD RATIO; RELATION TO UNCERTAINTY**
- 9. T, H FOR TRIVARIATE (& HIGHER) RELATIONS**
- 10. A VARIABLE DECOMPOSITION OF TRANSMISSION**
- 11. OTHER INFORMATION THEORETIC FUNCTIONS**

### Exercises

Midterm 2016: 1, except (e)

Midterm 2018: 1, except (d)

Midterm 2019: 1-4

Final 2016: 1abdf, 4

Final 2018: 1abd

Final 2019: 1, 2bd, 3c