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| Example question | Score |
| Fourier series   * trigonometric form (sin, cos) * absolute value + phase * complex form   Fourier integral  Sampling theorem | Level: Entry  Score: 10  Number of questions: 1 |
| Expressions of analog modulations (AM, FM PM)  Spectra of AM/DSB, AM/DSB/SC, AM/SSB  Nonuniform quantization  Simple properties of Fourier transform  Digital modulation (ASK, FSK, PSK) | Level: Light  Score: 1  Number of questions: 3 |
| Parseval’s theorem  Autocorrelation function and its properties  Stereo baseband signal  Pre-emphasis, de-emphasis  Other properties of Fourier transform  QAM, QPSK | Level: Medium  Score: 2  Number of questions: 2 |
| Deriving of   * Discrete Fourier transform * Fast Fourier transform * Viterbi algorithm * Intersymbol interference * OFDM | Level: Hard  Score: 4  Number of questions: 2 |

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| Mark: | Scores: |
| 2 | 13-14 |
| 3 | 15-16 |
| 4 | 17-18 |
| 5 | 19-20 |