Total No. of Questions – []   Total No. of Printed Pages:

G.R. No.

OCTOBER 2018 / IN - SEM (T2)

F. Y. M. TECH. (E&TC) (SEMESTER -I)

COURSE NAME: Biomedical Signal Processing

COURSE CODE: ETPA11183C

(PATTERN 2018)

Time: [1/2 Hour]   [Max. Marks: 10]

(*) Instructions to candidates:
1)   **Answer Q.1 OR Q.2**
2)   **Figures to the right indicate full marks.**
3)   **Use of scientific calculator is allowed**
4)   **Use suitable data where ever required**

Q.1) i) Explain STFT. Discuss its short comings   [6 marks]
       ii) Explain Welch Method of Spectral analysis   [4 marks]

OR

Q.2) Explain the various significant signal parameters or feature that can be computed from the ECG signal and can be used in diagnosis of the ECG signal. [10 marks]