Question. Solve-B: Part:

1. https://mathworld.wolfram.com/FourierSeries.html
2. https://dsp.stackexchange.com/questions/69/why-is-the-fourier-transform-so-important
3. https://flylib.com/books/en/2.729.1/dft_leakage.html
4. https://www.sathyabama.ac.in/sites/default/files/course-material/2020-10/UNIT3_1.pdf
5. https://think-engineer.com/blog/dsp/window-functions-and-how-we-use-them-in-dsp#:~:text=A%20window%20function%20is%20a,sample%20in%20a%20finite%20set.
6. https://www.dsprelated.com/freebooks/mdft/Zero_Padding.html
7. https://www.tutorialspoint.com/signals_and_systems/systems_classification.htm
8. https://www.quora.com/Why-do-we-use-Fast-Fourier-Transform
9. https://www.sathyabama.ac.in/sites/default/files/course-material/2020-10/UNIT3_1.pdf
10. https://www.sathyabama.ac.in/sites/default/files/course-material/2020-10/UNIT3_1.pdf
11. https://technobyte.org/infinite-impulse-response-filter-iir/
12. https://www.intechopen.com/chapters/16112
13. https://faculty.ksu.edu.sa/sites/default/files/ch8_0.pdf
14. https://eng.libretexts.org/Bookshelves/Electrical_Engineering/Signal_Processing_and_Modeling/Book%3A_Signals_and_Systems_(Baraniuk_et_al.)/08%3A_Continuous_Time_Fourier_Transform_(CTFT)/8.04%3A_Properties_of_the_CTFT
15. https://s3-ap-southeast-1.amazonaws.com/tv-prod/documents%2Fnull-Proof+of+Convolution+Theorem.pdf