Assignment 5

Due on 2019-09-24, 23:59 IST.

1. The data for the filter in the problem is given. Give one more example you have not studied this assignment.

2. Answer the following questions:
   a. The filter has three sections. Each section has a capacitance of 10 pF. Calculate the total capacitance of the filter.
   b. If the frequency of operation is 10 MHz, calculate the inductance required in each section.
   c. Draw a Circuit Diagram of the filter.

3. The filter has three sections. Each section has a capacitance of 10 pF. Calculate the total capacitance of the filter.

4. The filter has three sections. Each section has a capacitance of 10 pF. Calculate the total capacitance of the filter.

5. The filter has three sections. Each section has a capacitance of 10 pF. Calculate the total capacitance of the filter.

6. The filter has three sections. Each section has a capacitance of 10 pF. Calculate the total capacitance of the filter.

7. The filter has three sections. Each section has a capacitance of 10 pF. Calculate the total capacitance of the filter.

8. The filter has three sections. Each section has a capacitance of 10 pF. Calculate the total capacitance of the filter.

9. The filter has three sections. Each section has a capacitance of 10 pF. Calculate the total capacitance of the filter.

10. The filter has three sections. Each section has a capacitance of 10 pF. Calculate the total capacitance of the filter.

Please provide your answers in the space provided.