VET BVL POLYTECHNIC

Department of Electronics & Communication

Date: 28/12/2020 Sub: Analog Electronic Circuits Time: 10-11am
Class: III sem Marks: 20

Answer the following each carries 5 Marks

1. (a) Explain the role of different sub circuits of DC regulated Power supply & explain the working of Pi filter along with wave form.
   (b) Show mathematically ripple factor & efficiency of full wave rectifier.
2. Define clipper and clamper circuits. Explain (a) Positive Clipper (b)Negative Clamper circuit.
3. (a) Explain the operation of differentiator and integrator with wave forms.
   (b) Explain the working of half wave rectifier, full wave rectifier.
4. Explain the working of online and offline UPS

   OR

   Explain the working of SMPS.

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DEPARTMENT OF EC

Date: 28/12/2020 **Sub:OME** **Time:10.00-11.00am**
Class: 5th sem **FIRST INTERNALS**

Answer the following each carries 5 Marks

1) a) Define management
   b) List the function of management &explain them.

   OR

   a) Compare team & group
   b) Explain about SWOT analysis
2) Explain henry fayol's principle of management
3) a) Define MRP & ERP
   b) Illustrate the various inventory control techniques

   OR

   Define purchasing .Explain the methods of purchasing
4) Explain stores management system