18EC36

(10 Marks)

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Describe with block diagram the operation of digital frequency meter.

Explain the followings:

Wein bridge.

Wheat stone bridge

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With neat diagram, explain the operation of LVDT. (10 Marks) 9

Describe the followings:

Electrical transducer parameters

(10 Marks) Resistive position transducer. ii)

## OR

With neat structure explain the operation of PLC. (10 Marks) 10 a.

Explain operation of instrumentation amplifier using transducer bridge.

(10 Marks)