

Extra

V. P. & R. P. T. P. Science College
First Internal Exam
US050CELE-04

09/03/17
11:00 to 12:30 pm
Total Marks 25

Q. 1 Multiple Choice Questions

03

1. A source follower circuit following the emitter follower circuit increases input impedance by
 - (i) 100 fold
 - (ii) 1000 fold
 - (iii) 10 fold
2. A circuit that compares two input signals is called
 - (i) rectifier
 - (ii) attenuator
 - (iii) comparator
3. In optical writing, special photo sensitive chart paper sensitive to -----is used
 - (i) visible light
 - (ii) ultraviolet light
 - (iii) infrared light



Q.2 Answer any two questions in brief.

04

1. Draw circuit diagram of True RMS responding voltmeter.
2. What is principle of Ramp type DVM?
3. What do you mean by recorders? How many types of recorders you know?

Q.3 Describe in detail amplified DC meter.

06

OR

Q.3 Explain in detail working of True RMS responding voltmeter.

06

Q.4 Describe working of successive approximation DVM

06

OR

Q.4 Obtain expression for various components using series connection method of Q meter.

06

Q.5 Explain with neat diagram Magnetic recorder.

06

OR

Q.5 Explain with neat diagram XY recorder.

06

*****BEST OF LUCK *****