

GOVERNMENT COLLEGE OF ENGINEERING, AMRAVATI

Department Of Physics

Class Test 1 B. Tech. Summer 2018

Subject: Applied Physics (SHU102)

Maximum Marks: 15

Time: 16.30 – 17.30

January 30, 2018

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Q.1. Solve any three of the following. (5 marks each)

- a) What is the difference between pincushion distortion and barrel shaped distortion? How can these defects be removed?
- b) Discuss the Fraunhofer diffraction at a single slit and obtain the relation location of minima.
- c) What is elliptically polarised light? How it is produced?
- d) Tabulate the characteristics of SC, BCC & FCC unit cells.

4/1/13 10/1/13

PTO