

SECTION-B

Note: Short answer type questions. Attempt any six questions out of eight questions. (6x5=30)

- Q.11 Explain the types of measurements.
- Q.12 Differentiate between mechanical and Pneumatic Comparator.
- Q.13 Write short note on limit gauges.
- Q.14 Explain various methods of measuring surface roughness.
- Q.15 What are the various factors affecting surface finish?
- Q.16 Explain the working of thermocouple.
- Q.17 Describe the construction of auto collimeter.
- Q.18 Write a short note on maintenance of measuring instruments.

SECTION-C

Note: Long answer questions. Attempt any one questions out of two questions. (1x10=10)

- Q.19 Explain in detail the different sources of errors in the Measuring instruments.
- Q.20 Describe pyrometer. Explain construction and working of a pyrometer.

No. of Printed Pages : 2

Roll No.

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DVOC (Level 5)

1st Sem. / Trade: DVOC (Production Tech.)

Subject : (5.GV.04) Metrology and Measuring Instruments

Time : 2 Hrs.

M.M. : 50

SECTION-A

Note: Very short questions. Attempt all ten questions. (10x1=10)

- Q.1 Define metrology.
- Q.2 Define interchangeability.
- Q.3 Describe graduation of measuring instruments.
- Q.4 Write use of dial indicator.
- Q.5 Write full form of CLS.
- Q.6 Define surface finish.
- Q.7 Write use of dynamometers.
- Q.8 Define thermo couple .
- Q.9 Define parallelism.
- Q.10 Write use of telerod.

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