

SANT GADGE BABA AMRAVATI UNIVERSITY
BACHELOR OF ENGINEERING SEMESTER V(CG)S EXAMINATION OF S-2020(Backlog)

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H.V.P.Mandal's College of Engineering & Technology, Amravati
Department of Mechanical Engineering

Academic Session: 2019-20

Semesters: Vth

Unit- I,II ,III, IV ,V,VI

Date: 23/12/2020

Subject Name: Production Technology.

Subject Code: 5ME01

Max Marks: 20

Note: Solve any 2 Questions out of 4 Question.
All question Carry equal marks

Ques 01

- a. Explain hole basis system and shaft basis system (03M)
- b. Explain the spiral progress in quality with neat sketch. (03M)
- c. State the principles of motion economy (01M)
- d. What are therbligs. (01M)
- e. Sketch the Solex type pneumatic comparator. (01M)
- f. Differentiate between cost of quality and value of quality (01M)

Ques 02

- a. Sketch and explain GO and NO GO plug gauge. (03M)
- b. What is meant by process capability? (03M)
- c. What is P - chart? (01M)
- d. What is 'allowance'? Sates its types (01M)
- e. Explain Working of optical bevel protractor. (01M)
- f. What is precision and accuracy (01M)

Ques 03

- a. Distinguish between line standard and end standard (03M)
- b. Sketch and explain O.C. curve (03M)
- c. State various recording techniques used in method study. (01M)
- d. What is time study (01M)
- e. What is sine bar? (01M)
- f. State the objectives of Quality control. (01M)

Ques 04

- a. Sketch and explain the basic types of fits. (03M)
- b. Sketch various flow process chart symbol. (03M)
- c. What are assignable causes of variation? (01M)
- d. What is gauge makers tolerance? (01M)
- e. What are comparators? (01M)
- f. State the concept of variation (01M)