

Roll No. ....

**3013**

**B. Tech. 2nd Semester (Common for all  
Branches) (G Scheme) (Re-Appeal)  
Examination – October, 2020**

**WORKSHOP TECHNOLOGY**

Paper : ESC-ME-102-G

*Time : 1.45 hours ]*

*[ Maximum Marks : 75*

*Before answering the questions, candidates should ensure that they have been supplied the correct and complete question paper. No complaint in this regard, will be entertained after examination.*

**Note :** Attempt any *three* questions. All questions carry equal marks.

1. (a) Name *two* primary process.
- (b) Name the *two* joining process.
- (c) Sources of accidents in a workshop.
- (d) Define hot working.
- (e) What is blanking ?
- (f) Draw any *two* piece pattern.
- (g) Name the parts of lathe machine.
- (h) Name the gas used in gas welding.
- (i) What is pin hole ?
- (j) What is taper turning ?

2. What is accident ? Explain the various methods of preventing the accidents.
3. What is Plant Layout and also discuss the various types of plant layout with its relative merits and demerits.
4. Differentiate Hot & Cold Working Processes and also explain forging.
5. Discuss the making of metal tank for storing water using Sheet Metal Operations.
6. What is casting and discuss the various steps in casting process in details.
7. Discuss the construction of lathe and also write down the lathe operations.
8. Explain the welding process and classify the various types Welding Processes.
9. Discuss the reasons of various Welding Defects and also discuss the Remedies of same.

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