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Roll No

AU/IP/IEM/PR/ME-302 (GS)
B.E. III Semester Examination, June 2020
Grading System (GS)
Production Process

Time : Three Hours

Maximum Marks : 70

Note: i) Attempt any five questions.
ii) All questions carry equal marks.

1. a) Explain Taylor's principle of gauge design with examples.
b) Define Rolling. Briefly explain the principle of rolling with a neat sketch.
2. Sketch and describe the board drop hammer used in drop forging.
3. Explain seam resistance welding with suitable sketch.
4. Explain hot and cold rolling process with their advantages and disadvantages.
5. Draw and explain merchant circle diagram.
6. What main consideration will you make in designing a forging?
OR
Explain compound and combination press working dies with suitable sketches.
7. How is acetylene stored for use in welding process.
OR
Classify different welding positions in gas welding.
8. Write down short notes on any two of the following :
 - a) Cupola furnace
 - b) TIG welding
 - c) Spinning

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