

**B.Tech 2<sup>nd</sup> Semester Examination 2021**  
**Subject : Engineering Drawing [Paper Code: ME 208]**

[Full Marks: 40]

Answer all Questions

**Instructions**

1. You need to mail your answer script before schedule time (within 3 Pm) (on 4-8-2021) to following mail ID dmmechanical2021@gmail.com
  2. Answer script will be Plain A4 sheet (white) only.
  3. Must be submitted in single pdf format only.
  4. Answer script must contain your department, exam roll no., date of exam and your signature in ink.
  5. You have to answer all questions, there will not be any choice.
  6. Subject line of the mail will be "2<sup>nd</sup> Semester Engineering Drawing Examination"
  7. Your answer script must be send from your registered mail ID only.
  8. Use suitable Scale and mentioned same in the answer sheet (IF required your drawing in A4 size paper).
  9. Requesting for extension of time of exam will not be considered. You Have to follow the instructions, guide line and schedule strictly.
  10. There will be 2 nos of questions each carrying 20 marks.
  11. 10 marks will be from internal assessments/assignment/attendance.
  12. Attached File name must contain your department and Exam roll no.(last 6 digit)[ For example JFT\_204211].
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1. A pentagonal pyramid of 30 mm base edges and axis 60 mm long lying on it's base on HP such that  
**Case -1**  
One of it's base edges is perpendicular to VP.  
**Case-2**  
One of it's base edges is makes an angle 15 degree to VP.  
Draw First Angle projections in both the cases(Case-1 & Case-2) separately. [20]
  2. Draw the involutes curve of a circle of diameter 60mm.  
[20]