

00973

M.Sc. CAD
Term-End Examination
December, 2016

MFR-035 : BASIC OF CAD

Time : 3 hours

Maximum Marks : 70

Note : (i) *Attempt any seven questions.*
(ii) *All questions carry equal marks.*

-
1. What is fitting ? What can affect the fit ? 10
 2. Define the term shell in 2D CAD ? Explain what are the limitations of shell in 2D CAD ? 10
 3. Write down 5 quality benefit of using CAD in detail with example. 10
 4. What is pattern grading ? Explain the process grading in form of flow chart with size range from 6 to 12 taking model size 8. 10
 5. What is the use of Spring Function ? Explain the process. 10
 6. Write short note on any two : 5+5=10
 - (a) Measure function
 - (b) Shell grade rules
 - (c) Step continuity

7. What is the purpose of usage functions ? Explain in detail with example drawing a eyelet-facing pattern. 10
8. Give reason : - 5+5=10
(a) Why we need to take two initial points to start 2D digitization ?
(b) Why we need to scale "original" before generating "cut" file ?
9. What is the difference between artistic text and paragraph text in Corel Draw ? 10
10. What is the difference between vector graphics and bit map images ? 10
-