

**M.Sc. CREATIVE DESIGN CAD-CAM (MSCCAD)**

**Term-End Examination**

00761

**December, 2017**

**MFR-035 : BASIC OF CAD**

*Time : 3 hours*

*Maximum Marks : 70*

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**Note :** *Question no. 1 is compulsory. Attempt six more questions from the remaining.*

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1. Choose the correct answer from the given alternatives. 10
- (a) You want to align objects that are on different layers. What should you do before selecting the desired alignment method ?
- (i) Group the layers
  - (ii) Link the layers
  - (iii) Select the layers
  - (iv) Merge the layers
- (b) What must you do before you can begin painting with the clone stamp tool ?
- (i) Make a selection
  - (ii) Define a source point
  - (iii) Set the opacity
  - (iv) Set the brush size

- (c) You want to embed a colour profile in a document that you created in Photoshop. You want to export the document with the ICC profile. Which two formats should you use to save your document ? (Choose *two*)
- (i) BMP
  - (ii) PDF
  - (iii) JPEG
  - (iv) GIF
  - (v) PNG
- (d) Which rendering intent clips the out-of-gamut colours ?
- (i) Perceptual
  - (ii) Saturation
  - (iii) Absolute Colorimetric
  - (iv) Relative Colorimetric
- (e) Which option of the magic wand tool creates a smoother-edged selection ?
- (i) Tolerance
  - (ii) Contiguous
  - (iii) Anti-alias
  - (iv) Auto-enhance

2. What is the purpose of the Usage functions ? Explain in detail with examples, drawing an eyelet-facing pattern.

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3. Explain Automatic Cutting System. 10
  4. Explain the process of 2D digitization with a graphic illustration. 10
  5. Explain five basic primitive tools of CorelDraw and Photoshop. Describe basic primitive tools. 10
  6. Write short notes on any *two* of the following :  $2 \times 5 = 10$ 
    - (a) Measure Function
    - (b) Shell Grade Rules
    - (c) Step Continuity
  7. What is Group Grading ? Explain with example. 10
  8. What is the difference between Artistic text and Paragraph text in CorelDraw ? 10
  9. What is Pattern Grading ? Explain the process of grading in the form of a flow chart with a size range from 6 to 12, taking the model size 8. 10
  10. What is the use of Spring Function ? Explain the process of Spring Function. 10
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