



**Code No: A107411808**

**:2:**

**Set No. 1**

**II Fill in the blanks**

11. \_\_\_\_command makes multiple copies of selected objects in a rectangular or circular polar pattern.
12. The vectors in the drawings are to be converted into its equivalent pixel points. This process is termed as \_\_\_\_\_
13. Integration of CAD and CAM is called \_\_\_\_\_
14. For combining the primitives to form the complex solid, the basic set operators also called \_\_\_\_\_
15. Two end points and two tangents are required to define\_\_\_\_\_
16. The data model that represents the data as a tree like structure is known as \_\_\_\_\_
17. Individual transformations are combined in order to achieve the required results is called \_\_\_\_\_
18. The technique of selecting and enlarging portions of a drawing is called\_\_\_\_\_
19. Programming automation is suitable for\_\_\_\_\_type of production.
20. Light pen works on the principle of \_\_\_\_\_ rather than ink.

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**Code No: A107411808**

**Set No. 2**

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

**IV B.Tech. I Sem., I Mid-Term Examinations, September – 2011**

**CAD/CAM**

**Objective Exam**

**Name:** \_\_\_\_\_ **Hall Ticket No.**

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**Answer All Questions. All Questions Carry Equal Marks. Time: 20 Min. Marks: 20.**

**I Choose the correct alternative:**

1. Bresenham's algorithm seeks to select the optimum raster locations that represent a [      ]  
a) Arc   b) straight line   c) circle   d) ellipse
2. The degree of Bezier curve with 'n' control points is [      ]  
a) n-1      b) n+1      c) n      d) 2n
3. Coons surface or patch is obtained by blending \_\_\_\_\_ boundary curves. [      ]  
a) 2   b) 5      c) 4      d) All of the above
4. CSG and B- REP are [      ]  
a) Two methods of modeling      b) utilities software  
c) Applications of software      d) two methods of computer aided analysis
5. Partial erasing of the image is not possible in [      ]  
a) Direct beam refresh      b) raster scan      c) DVST      d) all of the above
6. Ambiguous representation of real objects is seen in [      ]  
a) Surface model      b) wire frame model  
c) Solid model      d) product model
7. The lowest form of computer language is called [      ]  
a) BASIC      b) FORTRAN      c) Machine language      d) COBOL
8. Which of the following is not considered as a method of input control in a CAD system [      ]  
a) Programmable function box      b) joystick.  
c) Touch terminal      d) plotter
9. Air crafts are manufactured by [      ]  
a) Mass production      b) batch production  
c) job shop production      d) continuous flow production
10. The software that is used to provide the users with various functions to perform Geometric modeling and construction is known as [      ]  
a) Operating software      b) graphics software  
c) Application software      d) programming software.

**Cont....2**

**Code No: A107411808**

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**Set No. 2**

**II Fill in the blanks**

11. For combining the primitives to form the complex solid, the basic set operators also called \_\_\_\_\_
12. Two end points and two tangents are required to define \_\_\_\_\_
13. The data model that represents the data as a tree like structure is known as \_\_\_\_\_
14. Individual transformations are combined in order to achieve the required results is called \_\_\_\_\_
15. The technique of selecting and enlarging portions of a drawing is called \_\_\_\_\_
16. Programming automation is suitable for \_\_\_\_\_ type of production.
17. Light pen works on the principle of \_\_\_\_\_ rather than ink.
18. \_\_\_\_\_ command makes multiple copies of selected objects in a rectangular or circular polar pattern.
19. The vectors in the drawings are to be converted into its equivalent pixel points. This process is termed as \_\_\_\_\_
20. Integration of CAD and CAM is called \_\_\_\_\_

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**Code No: A107411808**

**Set No. 3**

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

**IV B.Tech. I Sem., I Mid-Term Examinations, September – 2011**

**CAD/CAM**

**Objective Exam**

**Name:** \_\_\_\_\_ **Hall Ticket No.**

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**Answer All Questions. All Questions Carry Equal Marks. Time: 20 Min. Marks: 20.**

**I Choose the correct alternative:**

1. Coons surface or patch is obtained by blending \_\_\_\_\_ boundary curves. [      ]  
a) 2    b) 5                      c) 4                      d) All of the above
2. CSG and B- REP are [      ]  
a) Two methods of modeling                      b) utilities software  
c) Applications of software                      d) two methods of computer aided analysis
3. Partial erasing of the image is not possible in [      ]  
a) Direct beam refresh                      b) raster scan                      c) DVST                      d) all of the above
4. Ambiguous representation of real objects is seen in [      ]  
a) Surface model                      b) wire frame model  
c) Solid model                      d) product model
5. The lowest form of computer language is called [      ]  
a) BASIC                      b) FORTRAN                      c) Machine language                      d) COBOL
6. Which of the following is not considered as a method of input control in a CAD system [      ]  
a) Programmable function box                      b) joystick.  
c) Touch terminal                      d) plotter
7. Air crafts are manufactured by [      ]  
a) Mass production                      b) batch production  
c) job shop production                      d) continuous flow production
8. The software that is used to provide the users with various functions to perform Geometric modeling and construction is known as [      ]  
a) Operating software                      b) graphics software  
c) Application software                      d) programming software.
9. Bresenham's algorithm seeks to select the optimum raster locations that represent a [      ]  
a) Arc    b) straight line    c) circle                      d) ellipse
10. The degree of Bezier curve with 'n' control points is [      ]  
a) n-1                      b) n+1                      c) n                      d) 2n

**Cont....2**

**Code No: A107411808**

**:2:**

**Set No. 3**

**II Fill in the blanks**

11. The data model that represents the data as a tree like structure is known as \_\_\_\_\_
12. Individual transformations are combined in order to achieve the required results is called \_\_\_\_\_
13. The technique of selecting and enlarging portions of a drawing is called \_\_\_\_\_
14. Programming automation is suitable for \_\_\_\_\_ type of production.
15. Light pen works on the principle of \_\_\_\_\_ rather than ink.
16. \_\_\_\_\_ command makes multiple copies of selected objects in a rectangular or circular polar pattern.
17. The vectors in the drawings are to be converted into its equivalent pixel points. This process is termed as \_\_\_\_\_
18. Integration of CAD and CAM is called \_\_\_\_\_
19. For combining the primitives to form the complex solid, the basic set operators also called \_\_\_\_\_
20. Two end points and two tangents are required to define \_\_\_\_\_

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**Code No: A107411808**

**Set No. 4**

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

**IV B.Tech. I Sem., I Mid-Term Examinations, September – 2011**

**CAD/CAM**

**Objective Exam**

**Name:** \_\_\_\_\_ **Hall Ticket No.**

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**Answer All Questions. All Questions Carry Equal Marks. Time: 20 Min. Marks: 20.**

**I Choose the correct alternative:**

1. Partial erasing of the image is not possible in [      ]  
a) Direct beam refresh      b) raster scan      c) DVST      d) all of the above
2. Ambiguous representation of real objects is seen in [      ]  
a) Surface model      b) wire frame model  
c) Solid model      d) product model
3. The lowest form of computer language is called [      ]  
a) BASIC      b) FORTRAN      c) Machine language      d) COBOL
4. Which of the following is not considered as a method of input control in a CAD system [      ]  
a) Programmable function box      b) joystick.  
c) Touch terminal      d) plotter
5. Air crafts are manufactured by [      ]  
a) Mass production      b) batch production  
c) job shop production      d) continuous flow production
6. The software that is used to provide the users with various functions to perform Geometric modeling and construction is known as [      ]  
a) Operating software      b) graphics software  
c) Application software      d) programming software.
7. Bresenham's algorithm seeks to select the optimum raster locations that represent a [      ]  
a) Arc      b) straight line      c) circle      d) ellipse
8. The degree of Bezier curve with 'n' control points is [      ]  
a) n-1      b) n+1      c) n      d) 2n
9. Coons surface or patch is obtained by blending \_\_\_\_\_ boundary curves. [      ]  
a) 2      b) 5      c) 4      d) All of the above
10. CSG and B- REP are [      ]  
a) Two methods of modeling      b) utilities software  
c) Applications of software      d) two methods of computer aided analysis

**Cont....2**

**Code No: A107411808**

**:2:**

**Set No. 4**

**II Fill in the blanks**

11. The technique of selecting and enlarging portions of a drawing is called\_\_\_\_\_
12. Programming automation is suitable for\_\_\_\_\_type of production.
13. Light pen works on the principle of \_\_\_\_\_ rather than ink.
14. \_\_\_\_\_command makes multiple copies of selected objects in a rectangular or circular polar pattern.
15. The vectors in the drawings are to be converted into its equivalent pixel points. This process is termed as \_\_\_\_\_
16. Integration of CAD and CAM is called \_\_\_\_\_
17. For combining the primitives to form the complex solid, the basic set operators also called \_\_\_\_\_
18. Two end points and two tangents are required to define\_\_\_\_\_
19. The data model that represents the data as a tree like structure is known as \_\_\_\_\_
20. Individual transformations are combined in order to achieve the required results is called \_\_\_\_\_

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