**Single-Answer Questions**

1. Who coined the term "Computer Graphics"?  
   **Answer**: William Fetter
2. What are the primary processes involved in computer graphics?  
   **Answer**: Modeling, rendering, and image processing
3. What type of computer graphics allows the user to interact with and modify images?  
   **Answer**: Interactive computer graphics
4. What type of computer graphics does not allow user interaction and is also called passive graphics?  
   **Answer**: Non-interactive computer graphics
5. What type of graphics represents images using geometric objects and scales without quality loss?  
   **Answer**: Vector graphics
6. Which software is widely used by engineers and architects for designing objects like furniture or airplanes?  
   **Answer**: CAD (Computer-Aided Design)
7. What is the primary challenge faced in using computer graphics?  
   **Answer**: High memory and resource requirements
8. What does GUI stand for in computer graphics?  
   **Answer**: Graphical User Interface
9. What is the process of creating the illusion of movement by displaying a sequence of frames or pictures?  
   **Answer**: Animation
10. What type of software is used to produce high-quality printed materials, such as newsletters and advertisements?  
    **Answer**: Desktop publishing software
11. What is the process of enhancing and analyzing digital images called?  
    **Answer**: Image processing
12. What are the two main types of computer graphics?  
    **Answer**: Interactive and non-interactive
13. What type of program enables users to draw bitmapped images?  
    **Answer**: Paint programs
14. What type of software is vector-based and designed for creating objects like curved lines?  
    **Answer**: Illustration/design programs
15. Which field uses computer graphics for visualizing scientific data effectively?  
    **Answer**: Scientific visualization

**Multiple-Answer Questions**

1. List three applications of computer graphics.  
   **Answer**: Entertainment and advertising, scientific visualization, industrial design
2. Name two types of programs used for creating animations.  
   **Answer**: Animation software, CAD software
3. Identify three challenges faced in computer graphics systems.  
   **Answer**: High memory requirements, complexity in design, difficulty in working with improperly built systems
4. List three examples of industries where computer graphics are used.  
   **Answer**: Entertainment, advertising, architecture
5. Identify two software categories for creating vector and raster graphics.  
   **Answer**: Paint programs (raster), illustration/design programs (vector)
6. Name three key features of interactive computer graphics.  
   **Answer**: User input, real-time modifications, dynamic updates
7. List two ways computer graphics improve scientific visualization.  
   **Answer**: Better data interpretation, enhanced visual representation
8. Identify three components of a CAD system.  
   **Answer**: Hardware, software, user interface
9. Name three tasks supported by desktop publishing software.  
   **Answer**: Creating newsletters, designing advertisements, publishing books
10. List two advantages of using vector-based graphics.  
    **Answer**: Scalability without quality loss, smaller file size for complex designs
11. Identify three popular software tools for computer graphics.  
    **Answer**: AutoCAD, Photoshop, Blender
12. Name three characteristics of non-interactive computer graphics.  
    **Answer**: No user control, pre-defined visuals, passive interaction
13. List two output devices commonly used in computer graphics.  
    **Answer**: Monitors, printers
14. Identify three differences between vector graphics and bitmapped graphics.  
    **Answer**: Scalability, file size, resolution dependency
15. Name two types of images created by modeling in computer graphics.  
    **Answer**: 2D images, 3D models