

Institute	THADOMAL SHAHANI ENGINEERING COLLEGE
Branch	COMPUTER ENGINEERING
Sem	IV
Subject Name (with Subject Code)	COMPUTER GRAPHICS (CSC404)
Number of Questions	10

Q No.	Question
1	The full form of DDA method is a. Direct difference analyzer b. Data differential analyzer c. Digital differential analyzer d. Digital data analyzer
2	The equation of slope intercept form of line is a. $Y = m.X + b$ b. $Y = b + m.m$ c. $Y = b.X + m$ d. $Y = x.X + b$
3	What is the 1 st point on the circumference of the circle centered at (10,10) with radius = 10, using midpoint circle method a. (0, 10) b. (1,10) c. (1,9) d. (10,20)
4	Coordinates of window are known as a. Screen coordinate b. World coordinate c. Device coordinate d. Cartesian coordinate
5	The 4-bit code of bottom-right region of the window is _____ a. 1001 b. 0101 c. 1010 d. 0110
6	When X directional scaling is applied on a circle then output object is a. Parabola b. Hyperbola

	<ul style="list-style-type: none"> c. Ellipse d. Circle
7	<p>How many matrices are required to reflect an object about an arbitrary line not passing through origin?</p> <ul style="list-style-type: none"> a. 2 b. 3 c. 4 d. 5
8	<p>Let N be the normal vector of the plane surface with $N=(A,B,C)$. For a plane to be a back face,</p> <ul style="list-style-type: none"> a. $C < 0$ b. $C > 0$ c. $C \leq 0$ d. $C \geq 0$
9	<p>Which of the following input is accepted only by Flood Fill method and not by boundary fill method</p> <ul style="list-style-type: none"> a. Fill color b. Boundary color c. Background color d. Seed pixel
10	<p>Fractal dimension is given by the formula</p> <ul style="list-style-type: none"> a. $\text{Log}(\text{magnification factor})/\text{Log}(\text{number of self similar pieces})$ b. $\text{Log}(\text{number of self similar pieces}) * \text{Log}(\text{magnification factor})$ c. $\text{Log}(\text{number of self similar pieces})/\text{Log}(\text{magnification factor})$ d. $\text{Log}(\text{magnification factor}) * \text{Log}(\text{number of self similar pieces})$