



03063548328 Sonu Ilyas Mughal

CS602 - Computer Graphics



Grand Quiz 2020 (Covid-19)

100% Correct Solve (Alhamdulillah)

BY Virtual Assistance Sonu Ilyas Mughal



Sindh, Pakistan



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CS602:Grand Quiz

Question # 1 of 30 (**Start time: 05:32:15 AM, 29 December 2020**)

----- is a point which makes the code simpler and all other points are taken from this point.

Select the correct option

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<input type="radio"/>	Angle
<input type="radio"/>	Line
<input checked="" type="radio"/>	Pivot
<input type="radio"/>	Pixel



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Quiz Start Time

Question # 2 of 30 (Start time: 05:32:47 AM, 29 December 2020)

Computer graphics applications can be found in almost all areas except -----.

Select the correct option

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<input type="radio"/>	Medicine and Virtual Surgery
<input type="radio"/>	Games
<input checked="" type="radio"/>	Multi-threading
<input type="radio"/>	Simulations



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Question # 3 of 30 (Start time: 05:33:11 AM, 29 December 2020)

Twice the radius of circle is called as _____.

Select the correct option

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<input type="radio"/>	Area
<input checked="" type="radio"/>	Diameter
<input type="radio"/>	$2 \times \text{Pi}$ Radian
<input type="radio"/>	Circumference



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Question # 4 of 30 (Start time: 05:33:53 AM, 29 December 2020)

_____ are the fundamental geometric entities within a given data structure.

Select the correct option

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<input type="radio"/>	Pixels
<input type="radio"/>	Points
<input type="radio"/>	Vectors
<input checked="" type="radio"/>	Primitives

Click to Save Answer &



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Quiz Start Time

Question # 5 of 30 (Start time: 05:34:18 AM, 29 December 2020)

Plasma-panel Displays use a gas mixture and phosphorus coating for showing display.

Select the correct option

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True



False





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Quiz Start Time: 05:32 AM, 29

Question # 6 of 30 (Start time: 05:34:40 AM, 29 December 2020)

In _____ polygon filling technique, the filling is done from interior point towards boundary.

Select the correct option

<input type="radio"/>	Scan-line
<input checked="" type="radio"/>	Boundary
<input type="radio"/>	Edge
<input type="radio"/>	Simple

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Click to Save Answer & Move to Ne



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Question # 7 of 30 (Start time: 05:35:02 AM, 29 December 2020)

1

In right hand rule, Z is _____ beyond the origin and _____ behind it.

Select the correct option

<input type="radio"/>	Positive, positive
<input checked="" type="radio"/>	Negative, positive
<input type="radio"/>	Positive, negative
<input type="radio"/>	Negative, negative

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Click to Save Answer & Move to Next



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Quiz Start Time: 05:

Question # 8 of 30 (Start time: 05:35:24 AM, 29 December 2020)

Matrix addition can be done if two matrices have the same number of ____ and ____.

Select the correct option

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<input type="radio"/>	Columns, Transpose
<input type="radio"/>	Vectors, Rows
<input type="radio"/>	Dimension, Vectors
<input checked="" type="radio"/>	Rows, Columns

Click to Save Answer & M



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Quiz Start Time: 05:32 AM, 29

Question # 9 of 30 (Start time: 05:35:48 AM, 29 December 2020)

_____ of a matrix is a new matrix whose rows are the columns of the original.

Select the correct option

<input type="radio"/>	Inverse
<input type="radio"/>	Zero
<input type="radio"/>	Vector
<input checked="" type="radio"/>	Transpose

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Quiz Start Time: 05

Question # 10 of 30 (Start time: 05:36:15 AM, 29 December 2020)

The angle a circle subtends from its center is equal to _____.

Select the correct option

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- | | |
|----------------------------------|------|
| <input type="radio"/> | 180° |
| <input type="radio"/> | 270° |
| <input checked="" type="radio"/> | 360° |
| <input type="radio"/> | 90° |

Click to Save Answer &



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Quiz Start Time: 05:

Question # 11 of 30 (Start time: 05:36:39 AM, 29 December 2020)

In perspective projection, for correct view, _____ should pass through the middle of the screen.

Select the correct option

<input type="radio"/>	X-axis	Sonu Ilyas Mughal
<input type="radio"/>	Y-axis	
<input checked="" type="radio"/>	Z-axis	
<input type="radio"/>	X-axis and Y-axis	

Click to Save Answer & M



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Quiz Start Time: 05:32 AM, 2

Question # 12 of 30 (Start time: 05:37:00 AM, 29 December 2020)

The width of the screen can be calculated as:

Select the correct option

- | | | |
|----------------------------------|---|-------------------|
| <input type="radio"/> | $w = \text{aspect} \sin(\text{fov}) / \cos(\text{fov})$ | Sonu Ilyas Mughal |
| <input checked="" type="radio"/> | $w = \text{aspect} \cos(\text{fov}) / \sin(\text{fov})$ | |
| <input type="radio"/> | $w = \text{height} * \text{aspect} \cos(\text{fov})$ | |
| <input type="radio"/> | $w = \text{height} / \sin(\text{fov})$ | |

Click to Save Answer & Move to



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Quiz Start Time: 05:32

Question # 13 of 30 (Start time: 05:37:53 AM, 29 December 2020)

In translation every point on the object is translated by the _____.

Select the correct option

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<input checked="" type="radio"/>	Same amount
<input type="radio"/>	Force
<input type="radio"/>	90 degrees
<input type="radio"/>	Right angle

Click to Save Answer & Mo



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Quiz Start Time: 05:32 AM

Question # 14 of 30 (Start time: 05:38:19 AM, 29 December 2020)

_____ algorithm make calculations for an octant of a circle area and draw the whole circle.

Select the correct option

<input type="radio"/>	Cartesian Coordinates
<input type="radio"/>	SlopeCircle
<input type="radio"/>	ASCII Values
<input checked="" type="radio"/>	Polar Coordinates

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Click to Save Answer & Move t



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Quiz Start Time: 05:32 AM, 29 December 2020

Question # 15 of 30 (Start time: 05:38:44 AM, 29 December 2020)

Total Marks: 1

This projection technique has the direction of projection perpendicular to the viewing plane, and the viewing direction is perpendicular to one of the principle faces.

Select the correct option

<input type="radio"/>	Axonometric Parallel Projection	//
<input type="radio"/>	Oblique Parallel Projection	//
<input checked="" type="radio"/>	Orthographic Parallel Projection	//
<input type="radio"/>	Oblique Projection	//

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Click to Save Answer & Move to Next Question



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Question # 16 of 30 (Start time: 05:39:09 AM, 29 December 2020)

Total M

The mirror image for a 2D reflection is generated by rotating the object _____ about the reflection axis.

Select the correct option

<input type="radio"/>	360°
<input checked="" type="radio"/>	180°
<input type="radio"/>	190°
<input type="radio"/>	120°

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Quiz Start Time: 05:32

Question # 17 of 30 (Start time: 05:39:29 AM, 29 December 2020)

The ordering of vertices goes _____ in a triangle.

Select the correct option

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Top to bottom



Bottom to top



Clockwise



Counter-clockwise

Click to Save Answer & Mo



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Question # 18 of 30 (Start time: 05:39:51 AM, 29 December 2020)

In mode 3, each pixel occupies _____ bit/bits in VDU memory.

Select the correct option

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- | | |
|----------------------------------|---------|
| <input type="radio"/> | 3 bytes |
| <input type="radio"/> | 4 bytes |
| <input checked="" type="radio"/> | 2 bytes |
| <input type="radio"/> | 6 bytes |



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Question # 19 of 30 (**Start time: 05:40:14 AM, 29 December 2020**)

Translation moves objects without _____.

Select the correct option

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- | | |
|----------------------------------|----------------------|
| <input type="radio"/> | Scaling |
| <input type="radio"/> | Rotation |
| <input checked="" type="radio"/> | Deformation |
| <input type="radio"/> | Scaling and Rotation |



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Quiz Start Time: 05:32

Question # 20 of 30 (Start time: 05:40:36 AM, 29 December 2020)

_____ projections are orthographic projections in which the direction of projection is not parallel to any of the three principal axes.

Select the correct option

<input checked="" type="radio"/>	Axonometric
<input type="radio"/>	Perspective
<input type="radio"/>	Oblique
<input type="radio"/>	Multiview

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Quiz Start Time: |

Question # 21 of 30 (**Start time: 05:41:00 AM, 29 December 2020**)

Drawing a _____ triangle, we add only two parts to the flat triangle routine.

Select the correct option

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<input type="radio"/>	Flat
<input type="radio"/>	Textured
<input checked="" type="radio"/>	Gouraud
<input type="radio"/>	Environmental



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Quiz Start Time: 05:32 AM

Question # 22 of 30 (Start time: 05:41:23 AM, 29 December 2020)

_____ was first person who studied the ellipse.

Select the correct option

<input checked="" type="radio"/>	Menaechmus	Sonu Ilyas Mughal
<input type="radio"/>	Apollonius	
<input type="radio"/>	Einstein	
<input type="radio"/>	Archimedes	

Click to Save Answer & Move



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Quiz Start Time: 05:32

Question # 23 of 30 (Start time: 05:41:48 AM, 29 December 2020)

_____ is the set of points that are equidistant from its origin.

Select the correct option

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- | | |
|----------------------------------|----------|
| <input type="radio"/> | Line |
| <input type="radio"/> | Parabola |
| <input checked="" type="radio"/> | Circle |
| <input type="radio"/> | Ellipse |

Click to Save Answer & Mo



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Quiz Start Time

Question # 24 of 30 (Start time: 05:42:14 AM, 29 December 2020)

Three or more points that lie on the same line are called _____.

Select the correct option

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- | | |
|----------------------------------|------------------------|
| <input type="radio"/> | Singular |
| <input checked="" type="radio"/> | Collinear |
| <input type="radio"/> | Line slop |
| <input type="radio"/> | Line slop and Singular |



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Quiz Start Time: 05:32

Question # 25 of 30 (Start time: 05:42:35 AM, 29 December 2020)

Monochrome adapter can display _____.

Select the correct option

- | | |
|----------------------------------|-------------------|
| <input type="radio"/> | Only Games |
| <input type="radio"/> | Text and Graphics |
| <input type="radio"/> | Only Graphics |
| <input checked="" type="radio"/> | Only Text |

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Click to Save Answer & Mo



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Quiz Start Time: 0

Question # 26 of 30 (Start time: 05:42:58 AM, 29 December 2020)

The process of moving the points so that the POV is at the origin looking down the +Y axis is called normalization.

Select the correct option

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True



False



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Quiz Start Time: 05:32 AM, 29 Dec

Question # 27 of 30 (Start time: 05:43:23 AM, 29 December 2020)

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Both Boundary Filling and Flood filling algorithms are non-recursive techniques.

Select the correct option

<input type="radio"/>	True
<input checked="" type="radio"/>	False

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Click to Save Answer & Move to Next



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Quiz Start Time: 05:32 AM, 2

Question # 28 of 30 (Start time: 05:43:45 AM, 29 December 2020)

In Sutherland and Hodgman's polygon clipping algorithm, what will be saved for wholly inside visible region.

Select the correct option

<input type="radio"/>	Intersection
<input checked="" type="radio"/>	Endpoint
<input type="radio"/>	Intersection and endpoint
<input type="radio"/>	Nothing will be saved

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Click to Save Answer & Move to



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Quiz Start Time: 05:32 AM, 29 Dec

Question # 29 of 30 (Start time: 05:44:09 AM, 29 December 2020)

To

In Raster-Scan System, electron beam draws a line from left to right and then back to left end to draw next line, this effect is known as _____.

Select the correct option

- | | |
|----------------------------------|--------------------|
| <input type="radio"/> | Vertical Retrace |
| <input checked="" type="radio"/> | Horizontal Retrace |
| <input type="radio"/> | Interlaced |
| <input type="radio"/> | Non-Interlaced |

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Click to Save Answer & Move to Next Q



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Quiz Start Time: 05:32 AM,

Question # 30 of 30 (Start time: 05:44:37 AM, 29 December 2020)

In _____ projection, the direction of projection makes equal angles with all the three principal axis.

Select the correct option

<input checked="" type="radio"/>	Isometric	Sonu Ilyas Mughal
<input type="radio"/>	Diametric	
<input type="radio"/>	Trimetric	
<input type="radio"/>	Tetrametric	



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- 2) Written Lectures (pdf)
- 3) Recorded Videos
- 4) Topic wise Notes
- 5) Short QA Solved
- 6) MCQs Solved
- 7) Solved Past and Current paper
- 8) Solved Graded Activities (Assignment Quiz GDB)

Activity
Detailed
Information

Project Enrolment Complete training with Live classes on Zoom

- 1) SRS (Software Requirements Specification)
- 2) DD (Design Document)
- 3) Test phase
 - a) Test phase viva (Live Classes for viva preparation)
- 4) Final Deliverable
 - a) Final coding
 - b) Final presentation
 - c) Final report
 - d) Pre final viva (Coding Viva)
 - e) Final viva (Overall Presentation)

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Subjects Enrolment

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