Assignment 5

The due date for submitting this assignment has passed.
As per our records you have not submitted this assignment.

Due on 2020-10-21, 23:59 IST

1) Stimulation of all the three cone types gives us the color perception - this is known as the tristimulus theory of vision.
   a. True
   b. False
   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   a. True

2) The fourth stage of 3D graphics pipeline essentially simulates the process of taking a photograph.
   a. True
   b. False
   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   a. True

3) Vision accomplished with cone is called ________ vision (Fill in the blank)

4) In the fourth stage of graphics pipeline, we transfer the 3D view coordinate scene to the 2D view plane using ________ transformation. (Fill in the blank)

5) Which of the following is not a color model?
   a. RGB
   b. XYZ
   c. CMY
   d. ABC
   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   d. ABC

6) In order to simulate viewing transformation, first we need to define the view coordinate system, and then we perform the actual transformation.
   a. True
   b. False
   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   a. True

7) The different spectra of light that result in sensation of the same color are known as
   a. monomers
   b. polymers
   c. allomers
   d. metamers
   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   d. metamers

8) Transformations required to align View Coordinate with World Coordinate are translation and __________
   a. scaling
   b. shearing
   c. rotation
   d. skilling
   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   c. rotation

9) In ________ projection, the projectors converge to a center of projection at finite distance.
   a. parallel
   b. perspective
   c. distant
   d. finit
   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   b. perspective

10) Which of the following is not a perspective projection anomaly?
    a. Perspective foreshortening
    b. Vanishing points
    c. Clipping window
    d. View confusion
    No, the answer is incorrect.
    Score: 0
    Accepted Answers:
    c. Clipping window