Assessment 5

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

1. Describe Painting Modeled as

(a) a simulation of the P-T-T law
(b) a simulation of the MHH-Law
(c) a model for 3D painting

No, the answer is incorrect. Score: 0
Accepted Answer: (a) a simulation of the P-T-T law

2. Match the following:

- L1G Painting
- A. Volume display
- I1D Painting
- B. Analogous index of difficulty
- I3D Painting
- C. Diffusively Painting Model
- I3A
- D. C-A, I-0, B

No, the answer is incorrect. Score: 0
Accepted Answer: L1G Painting A, I1D Painting B, I3D Painting C

3. For modeling material-based selection process,

(a) FilTR law is sufficient
(b) Sheering law is sufficient
(c) Both the FilTR and Sheering laws are required
(d) Together the FilTR and Sheering laws are not sufficient - a new model is required

No, the answer is incorrect. Score: 0
Accepted Answer: (c) Both the FilTR and Sheering laws are required

4. Following are considered as the fundamental touch gestures for touchscreen devices.

- Tap and scroll
- Tap, scroll, and swipe
- Tap, scroll, multi-touch gesture
- Single tap, double tap, and scroll

No, the answer is incorrect. Score: 0
Accepted Answer: Tap, scroll, multi-touch gesture

5. Consider the following statements and choose the correct options below:

- Vertical movements are FilTR law based
- Horizontal movements are Sheering law based

No, the answer is incorrect. Score: 0
Accepted Answer: Only (a) is true

6. In "Efficient Painting Model", when we try to control only the amplitude error, the task is called _________ painting task.

No, the answer is incorrect. Score: 0
Accepted Answer: (Type of Drawing) amplitude

7. Distribution of touch points on a touch screen device is sum of two independent distributions. These are distributed due to the _______ precision of the finger and distribution due to the absolute precision of the finger.

No, the answer is incorrect. Score: 0
Accepted Answer: (Type of Drawing) precision

8. In large acquisitions with finger touch, surface area of the finger tip may be relatively larger compared to the target size. In that case, target is partially occluded from view. This problem is termed as:

- Occlusion problem
- Fat finger problem
- Target acquisition problem
- Target size problem

No, the answer is incorrect. Score: 0
Accepted Answer: (a) Occlusion problem

9. We should rule out the FilTR law, when the miss rate is likely to be much higher (less the tolerable limit). What is the limit?

No, the answer is incorrect. Score: 0
Accepted Answer: (a) 0