

IMPORTANT 2 MARS QUESTIONS FOR MID EXAMINATION

- 1 Define scientific visualization?
- 2 What are the main stages in the visualization pipeline?
- 3 Differentiate pre attentive and attentive processing with example?
- 4 What is Perception?
- 5 Differentiate between static and interactive visualization?
- 6 What is the purpose of visual encodings?
- 7 Give two examples of visual variables used in mapping?
- 8 Define visual analytics?
- 9 Define semiology of graphics?
- 10 Differentiate between computer graphics and data visualization?
- 11 Describe the role of data visualization.
- 12 Identify situations where data visualizations are most effective.
- 13 Distinguish between information that can be visualized and information that cannot be visualized.
- 14 Identify different ways of representing the same data and their suitable use cases.
- 15 Define data transformation in the context of visualization.
- 16 Define visual representation of data.
- 17 List any two principles of effective data visualization.
- 18 Identify any two visual encoding techniques used in data representation.
- 19 State the purpose of using color and size in visual representations.
- 20 Define the visualization reference model.