CS451	
Let	Final Exam
	Model (B)
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2. Briefly	19/11/2022 e two main differences between DDA Line Algorithm and
Bressey	e tu
Coenham Line	two main differen
~	algorithm.
	Line Algorithm and
004	
DDA Line :-	[CLO 2.1] (2 Marks)
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Bresenham's algorithm uses addition and subtraction whereas DDA relies on multiplication and division.

Bresenham's algorithm uses integer arithmetic while DDA algorithm uses real arithmetic floating point operations.

3. Briefly illustrate the three measures used to describe colors in HSI model.

[CLO 2.3] (2 Man

•Hue: A colour attribute that describes a pure colour (pure yellow, orange or red).

•Saturation: Gives a measure of how much a pure colour is diluted with white light.

•Intensity: Brightness is nearly impossible to measure because it is so subjective. Instead we use intensity. Intensity is the same achromatic notion that we have seen in grey level images.

