

## QUIZ 1-B

Time: 15 minutes

1. How much memory in Megabytes is occupied by a video with spatial resolution of  $1024 \times 1024$  and gray level resolution of 24 bits? Video was captured at 30 frame rate and recording time is two hours. (5)

2. Differentiate clearly between Radiance and Irradiance by giving their mathematical relationship if any. (5)