

SECTION-B

11. Why are images compressed? Discuss any two techniques of Image Compression.
12. Explain the concept of Region based segmentation in image processing.
13. What is Color image processing? Elaborate conversion of RGB to HSI and vice versa.
14. What is the meaning of noise in an image? Explain Noise models.
15. What is the role of image histogram in digital image processing? Explain with example of Histogram.

SECTION-C

16. What do you mean by Image degradation and restoration process? Explain various Noise filters in detail.
17. What is the use of image representation and description methods? Explain with the help of an example the run length and tree approaches for region representation.
18. What are the various steps in image processing? Explain in detail.