

VIVEK COLLEGE OF COMMERCE

M.Sc.IT- IV, Sample Paper 2019-2020

Subject : Advanced Image Processing

Sr.No	Question	A	B	C	D
1	_____ is the foundation of filtering in frequency domain	Correlation	<u>Convolution</u>	Sampling	Quantization
2	_____ masquerade as low frequency components in the sampled function is	<u>aliasing</u>	oversampling	undersampling	critical sampling
3	Smoothing is achieved by _____ filtering	highpass	reconstruction	<u>lowpass</u>	noise filters
4	Remote sensing comprises of _____ electromagnetic energy	<u>recording</u>	digitizing	discretizing	Sampling
5	SAR acronym means	Synthetic Audio Radar	Synthetic Aperture Radio	Synthetic Audio Radio	<u>Synthetic Aperture Radar</u>
6	The electromagnetic radiation of wavelength between 1mm and 1 m is called	visible band	<u>microwave band</u>	ultraviolet band	infrared band
7	Surface roughness is a function of	<u>incident angle and wavelength</u>	reflected angle and intensity	incident angle and intensity	reflected angle and wavelength
8	The principle used in SAR mechanism is	SONAR	IMAGE	NADIR	<u>RADAR</u>
9	The principle viewing parameters in remote sensing systems are	instrument design	orbital parameters	<u>instrument design and orbital parameters</u>	frequency and wavelength
10	The capability to differentiate the spectral reflectance /emittance between various targets is known as	<u>Radiometric Resolution</u>	Non-Radiometric Resolution	Spectral Resolution	Non-Spectral Resolution