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MGY-002

**POST GRADUATE CERTIFICATE IN
GEOINFORMATICS
(PGCGI)**

Term-End Examination

June, 2026

**MGY-002 : REMOTE SENSING AND IMAGE
INTERPRETATION**

Time : 2 Hours

Maximum Marks : 50

Note : (i) *All questions are compulsory.*

(ii) *The marks of each question are indicated against it.*

(iii) *All questions have internal choices.*

1. Write short notes on any six of the following : 6×5=30

(a) Spectral Signature

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- (b) Wien's and Stefan-Boltzman laws
 - (c) Side looking scanning system
 - (d) RISAT
 - (e) Role of field observation in image interpretation
 - (f) Colour composite
 - (g) Image classification
 - (h) Non-linear contrast stretching
2. Explain energy-earth interaction. Give illustrations to support your answer. 10

Or

Discuss the land use land cover classification system. Also write the steps in producing a land use land cover map.

3. What is resolution in the context of remote sensing image ? Discuss its different types. 10

Or

Give an account of geometric distortions and their correction methods.

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