

Government of Jammu and Kashmir
DEPARTMENT OF ECOLOGY, ENVIRONMENT AND REMOTE SENSING
 S.D.A. COLONY BEMINA SRINAGAR-190018

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Syllabus for Multiple Choice written test to be conducted on 22-05-2017, for Empanelment of Remote Sensing and GIS Experts in the Department of Ecology, Environment & Remote Sensing

POSITION	SYLLABUS
Geospatial Analyst Image Analyst	<ol style="list-style-type: none"> 1. Basic Principles of Remote Sensing 2. Digital Image Processing and Satellite Image Interpretation 3. Satellites and Sensors 4. Geographical Information Systems 5. Basics of Environment/Forestry/Geography
Digitizing cum Field Assistant	<ol style="list-style-type: none"> 1. Basic Principles of Remote Sensing 2. Geographical Information Systems 3. Basics of Environment/Forestry/Geography 4. Current Affairs/General Knowledge
Remote Sensing Lab attendant	<ol style="list-style-type: none"> 1. Current Affairs/General Knowledge
System/Network/Database Administrator	<ol style="list-style-type: none"> 1. Computer Organisation & Architecture 2. Business Systems and Applications 3. Data Communication & Computer Networks 4. Information Systems Analysis & Design 5. Programming Languages 6. Data Base Management System 7. Operating Systems and Systems Software 8. Intelligent Systems, Oracle, Geoportal, Open Source GIS Platforms, WebGIS 9. Geographical Information System 10. Environment, Ecology & Geography
Geospatial Engineer/ Software programmer	<ol style="list-style-type: none"> 1. Computer Organisation & Architecture 2. Information Systems Analysis & Design 3. Data Base Management System (RDBMS) 4. Operating Systems and Systems Software 5. Digital Image Processing 6. C++, Java, Python, Oracle, Geoportal, Open Source GIS Platforms, WebGIS 7. Geographical Information System

Note: In all the papers, there will be a total of 50 questions carrying 50 marks (one mark per question) for each category. There will be no negative marking.

Sd/=
 (Majid Farooq)
 Member Secretary Selection Committee