

Question: The temperature above which electromagnetic emission begins is

Answer: Absolute zero

Question: Electromagnetic radiation may be generated into a _____ and

Answer: Electric field and a magnetic field

Answer: Electric and magnetic field

Question: Aerosols are larger in size than the wavelength of _____

Answer: Sunlight

Question: In the effort to collect data hand-held Cameras are used to acquire
_____ images

Answer: Oblique

Question: Photographic cameras use _____ Coated systems to record image

Answer: Film

Question: _____ Remote sensing devices detect reflected EMR

Answer: Passive

Question: An Air Photo Index map is a _____ representation of flight lines
and photo centres

Answer: Graphical

Question: The process of transmission of electromagnetic waves through the
atmosphere and the influence of the atmosphere is called _____

Answer: Radioactive transfer

Question: A photographic camera used with a flash is an example of _____
remote sensing platform

Answer: Active

Question: The ratio of the distance between two points on the map or photo to
the actual distance between the same two points on the ground is called

Answer: Scale

Question: The spectral signature of an object is its pattern of _____ over a
range of wavelengths

Answer: Reflectance

Question: Large-scale photos cover _____ areas in _____ details

Answer: Small, Greater

Question: _____ are small registration marks exposed at the edge of aerial
photographs

Answer: Fiducial marks

Question: _____ is the 3-D view of a photograph which results when two
overlapping photos are viewed using a stereoscope

Answer: Stereoscopic coverage

Question: Shortwave _____ may be used for geological classification of rock
types

Answer: Infrared

Question: The use of images from various regions of EM spectrum is _____
Answer: Multispectral

Question: A _____ is a photographic reproduction of a series of aerial photographs
Answer: Mosaic

Question: _____ requires that the objects be in direct physical contact
Answer: Conduction

Question: The wavelength of emitted energy is a function of _____
Answer: Temperature

Question: Thermal radiation can be expressed in terms of _____
Answer: Black body theory

Question: _____ is the ratio of incident flux on a sample surface to reflected flux from the surface
Answer: Reflectance

Question: The reflectance using the incident light sun from the sun is called _____
Answer: Albedo

Question: The sun is the energy source used to detect reflective energy of ground surfaces in the visible and near _____ regions
Answer: Infrared

Question: Radioactive scattering depends on the _____. and the direction of incident light and scattering
Answer: Size of the particles

Question: Scattering is dominant in the _____ wavelength region
Answer: Shorter

Question: Thermal radiation is dominant in the _____ region
Answer: Thermal infrared

Question: The higher the altitude of the platform used to acquire the remote sensing data the _____ the Imagery
Answer: Smaller

Question: Remote sensing devices that emit signals and detect the intensity of the signals reflected back off an object are said to be _____
Answer: Active

Question: Air photos record all visible features on the Earth's surface from an _____ perspective
Answer: Overhead

Question: The distance between the middle of the camera lens to the focal plane is called _____
Answer: Focal length

Question: The amount by which one photograph includes the area covered by another photograph, expressed in percentage, is known as _____
Answer: Overlap

Question: Air photo _____ is used to relate photos to their geographical locations
Answer: Index map

Question: When prints are laid out such that the prints join together in a best fit scenario, the mosaic is said to be _____

Answer: Uncontrolled

Question: When prints from mosaics are tone-matched but not rectified, the mosaic is said to be _____

Answer: Semi controlled

Question: When prints are tone-matched and rectified to fit the map base, the mosaic is said to be _____

Answer: Controlled

Question: Data collection in remote sensing involves which of the following_____

Answer: All of the options

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Question: _____Remote sensing devices detect reflected EMR
Answer: Passive

Question: A photographic scale of 1 millimeter representing 15 meters means?
Answer: 1:15000

Question: The _____ does generate electromagnetic energy required in sensing
Answer: Sun

Question: Electromagnetic Radiation is_____energy in transit
Answer: Electromagnetic

Question: The technique of information about objects through analysis of data obtained using equipment that are not in physical contact with objects of investigation is called_____
Answer: Remote sensing

Question: The technique of information about objects through analysis of data obtained using equipment that are not in physical contact with objects of investigation is called_____
Answer: Emission

Question: A small amount of electromagnetic energy is produced by internal heat and_____

Answer: Radioactive decay

Question: Electro-magnetic wave can be treated as a photon or a _____

Answer: Light quantum

Question: In radiation, the _____is the magnitude of oscillating electric field

Answer: Amplitude

Question: The energy radiated from an object is called _____energy

Answer: Radiant

Question: A plane including electric field is called a plane of _____

Answer: Polarization

Question: Of the total in-coming solar radiation _____% is reflected by the earth's surface

Answer: 4

Question: Of the incoming solar radiation, _____% is reflected by the atmosphere

Answer: 7

Question: Of the incoming solar radiation, _____% is reflected by the clouds

Answer: 24

Question: _____% of the solar radiation is absorbed by the earth's atmosphere

Answer: 16

Question: _____% of the solar radiations is absorbed by the clouds

Answer: 2

Question: _____% of the solar radiation is absorbed directly by the earth's atmosphere

Answer: 23

Question: _____% of the solar radiation is absorbed indirectly by the earth's surface as a result of diffuse scattering

Answer: 24

Question: _____law is a function of Temperature and wavelength

Answer: Plank's

Question: _____law is obtained by integrating the spectral radiance

Answer: Stefan-Boltzmann's

Question: The atmospheric effects of radioactive transfer may be multiplicative and_____

Answer: Additive

Question: Digital cameras use an array of _____to record images

Answer: EMR Sensors

Question: The type of camera used in taking air photos in mountainous terrains is called_____

Answer: Trimetrigon Cameras

Question: An array of cameras that take simultaneous overlapping images of a terrain is called_____

Answer: Trimetrigon Cameras

Question: The process of gathering and studying information required for the identification of the various natural and cultural features from photos is called_____

Answer: Ground-interpretation

Question: 1mm = 35m is _____form of presentation of scale.

Answer: Unit equivalent

Question: 1:40000 is_____form of presentation of scale

Answer: Ratio

Question: Express the scale 1 mm = 40 m in ratio form_____

Answer: 1:40000

Question: The making of measurements on aerial photography is primarily_____

Answer: Quantitative

Question: Remote sensing images which consist of many themes are _____

Answer: Multi-thematic

Question: Image interpretation is basically a _____process

Answer: Deductive

Question: The image interpreter should always be conscious of all the _____information

Answer: Tilting

Question: Images may be searched using a _____expedition or a logical method

Answer: Fishing

Question: Detection and identification of stimulus on aerial photographs are _____

Answer: Qualitative

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