

Id	1
Question	The GPS space segment consists of Navigation Satellite Timing and Ranging whose number is:
A	8
B	12
C	16
D	24
Answer	D

Id	2
Question	Who coined the term, 'Remote sensing'.
A	Evelyn L. Pruitt
B	Wilbur Wright
C	Gaspard Felix Tournachon
D	None of these
Answer	A

Id	3
Question	The visible spectrum ranges between
A	0.4-0.7
B	0.7-0.8
C	1.55-1.75
D	None of these
Answer	A

Id	4
Question	In which spectral region a typical soil reflectance curve displays an increase in reflectance with the increase in wavelength.
A	Visible and Infrared
B	Reflected - infrared
C	Thermal-infrared
D	None of these
Answer	A

Id	5
Question	In which year Radar remote sensing from space started with the launch of Seasat.
A	1975
B	1976
C	1978
D	1980
Answer	C

Id	6
Question	One of the following is not a type of aerial photograph used in mapping and interpretation.
A	Horizontal
B	Oblique
C	Convergent
D	Trimetragon
Answer	A

Id	7
Question	The altitudinal distance of a geostationary satellite from the earth is about:
A	26,000 km
B	32,000 km
C	36, 000 km
D	43, 000 km
Answer	C

Id	8
Question	Downward movement of soil, regolith upto bed rock under the influence of gravity is called:
A	Disintegration
B	Mass wasting
C	Physical weathering
D	Exfoliation
Answer	C

Id	9
Question	The zoom stereoscope is having a very lens resolution and a magnification varying from:
A	*0.5 to *2
B	*1.5 to *5
C	*2.5 to *10
D	*3.5 to *15
Answer	C

Id	10
Question	The organizations/ agencies in India authorized to carry put aerial photography on various scale are:
A	Indian Air Force
B	Air Survey Co. Of India Ltd
C	National Remote Sensing Agency (NRSA)
D	All the above
Answer	D

Id	11
Question	At what varying altitude the sun-synchronous satellite is generally placed in an orbit.
A	400 to 600 Km
B	500 to 800 Km
C	600 to 1000 Km
D	9000 to 10000 Km
Answer	C

Id	12
Question	Pick up the incorrect statement from the following:
A	Landsat Programme has started in 1972
B	Landsat -1 also called Earth Resources Technology Satellite -1 (ERTS-1)
C	Landsat-4 and Landsat-5 carried a higher resolution sensor known as the Thematic mapper (TM)
D	Landsat-6 mission was successful
Answer	D

Id	13
Question	Pick up the correct statement from the following:
A	Earth Observation Satellite SPOT was launched by French
B	SPOT has better resolution than Landsat (max. 10 mt)
C	The sensor system in the SPOT satellite consists of two identical high resolution visible (HRV) imaging systems
D	All the above
Answer	D

Id	14
Question	Which one of following in remote sensing satellite offer a stereoscopic cover for the first time
A	Landsat
B	Landsat-4
C	Landsat-6
D	SPOT
Answer	D

Id	15
Question	The TV cameras of Bhaskara -1 was intended for use in study of
A	Geologyand Hydrology
B	Forestry
C	Snow and coastal Phenomena
D	All the above
Answer	D

Id	16
Question	Pick up the correct statement from the following about Bhaskara-1:
A	Construction of satellite began in 1973 by ISRO
B	Put into a near-circular orbit from USSR in June-1079
C	The satellite weighing about 440 kg was polyhedral in shape with 26 flat faces
D	All the above
Answer	A

Id	17
Question	When the European Remote Sensing Satellite (ERS-1) was launched
A	June, 1989
B	June, 1990
C	July, 1991
D	January, 1992
Answer	C

Id	18
Question	The reflectance from a surface is called specular reflection if it follows:
A	Planktan's law
B	Lambert's cosine law
C	Snell's law
D	All of these
Answer	C

Id	19
Question	Which one of the following statements regarding remote sensing is correct?
A	The interaction of the electromagnetic radiation with the target
B	The emission of electromagnetic radiation from the target
C	Only (a) not (b)
D	Both (a) and (b)
Answer	D

Id	20
Question	Which one of the following statements is incorrect?
A	During the day, earth reflects, solar radiation
B	During the day, earth reflects both solar radiations the emission from its surface
C	During the night, earth emits radiation from its surface
D	During the night, earth not emits radiation from its surface
Answer	D

Id	21
Question	The infrared portion of EMR lies between
A	$0.4\mu m - 0.7\mu m$
B	$0.5mm - 1\mu m$
C	$0.7\mu m - 1.3\mu m$
D	$0.7\mu m - 14\mu m$
Answer	D

Id	22
Question	The process of using data points with known values to estimate values at unknown points i.e. in same region or nearby region is called as:
A	Spatial Prediction
B	Spatial Interpolation
C	Spatial Adjustment
D	Spatial Reflection
Answer	B

Id	23
Question	Which two wavelength bands of the following are used in combination to calculate the Normalized Difference Vegetation Index (NDVI)?
A	Near-Infrared and thermal infrared
B	Visible infrared and thermal infrared
C	Visible red and near-infrared
D	Visible green and visible red
Answer	C

Id	24
Question	A file with .dbf extension, what does the .dbf stand for?
A	database format
B	dBASE file
C	database file
D	dbase format
Answer	C

Id	25
Question	The climate of India is mainly tropical because:
A	Of the location of the Himalayas in its North
B	Major part of the India lies within the tropics
C	Of the overpowering influence of Indian Ocean
D	Of the seasonal influence of jet streams
Answer	A

Id	26
Question	Which is nota commonly used coding scheme for images?
A	JPEG
B	GIF
C	TIFF
D	MP 3
Answer	D

Id	27	
Question	Match the following	
	Earth Surface Feature	Colour signature on False Colour Composite (FCC)
	1) Broad leaf type vegetation	a) Yellow/ white
	2) Needle leaf type vegetation	b) Reddish brown to purple
	3) Water	c) Red to magenta
	4) Sand dunes	d) Dark blue/black
A	1-b;2-a;3-d;4-c	
B	1-c;2-b;3-d;4-a	
C	1-c;2-a;3-b;4-d	
D	1-a;2-b;3-c;4-d	
Answer	B	

Id	28
Question	In GIS raster and vector data format representing:
A	Grid cell and polygon respectively
B	Both grid cell and polygon respectively
C	Polygon and grid cell respectively
D	None of these
Answer	A

Id	29
Question	Which of the following river is showing antecedent drainage
A	Ganga
B	Yamuna
C	Indus
D	None of these
Answer	C

Id	30
Question	The roof of the world is called to:
A	Himalayas
B	Meghalaya
C	Switzerland
D	Pamir (Tibet)
Answer	D

Id	31
Question	The highest mountain peak in India:
A	Mt. Everest
B	Kanchenjunga
C	K-2
D	Nanga Parbat
Answer	C

Id	32
Question	Silver, an economic mineral found in the mines of which state:
A	Rajasthan
B	Karnataka
C	Andhra Pradesh
D	Tamilnadu
Answer	A

Id	33
Question	Pench National Park is located in which state of India.
A	Rajasthan
B	Maharashtra
C	Madhya Pradesh
D	Gujarat
Answer	B

Id	34
Question	The whole Earth is divided into who many major tectonic plates
A	6
B	7
C	8
D	9
Answer	A

Id	35
Question	In which Ocean is the Mindanao Deep is located
A	Indian
B	Pacific
C	Arctic
D	Atlantic
Answer	B

Id	36
Question	Which River is called the 'Sorrow of the Bengal'
A	Hooghly
B	Kosi
C	Son
D	Damodar
Answer	D

Id	37
Question	By using which one of the following we can measure of the accuracy of an entire geospatial dataset.
A	Root mean square error
B	Statistical Significance
C	P-Value
D	None of these
Answer	A

Id	38
Question	Pick up the incorrect statement about European Remote Sensing Satellite-1 from the following:
A	Launched in April, 1995
B	Orbit is sun-synchronous
C	Located at an altitude of 785 Km with repeat cycle of 3 days or 35 days
D	All of these
Answer	A

Id	39
Question	Pick up the incorrect statement about Japan's Earth Observation Satellite-1 (JERS-1) from the following:
A	Launched in February, 1992
B	Orbit is sun-synchronous with a repeat cycle of 44 days
C	Acquired multispectral data with spatial resolution of 18m* 24 m
D	None of these
Answer	D

Id	40
Question	Pick up the incorrect statement about Radarsat-1 from the following:
A	Launched by United State of America (USA)
B	Orbit is sun-synchronous
C	Located at altitude of 798 Km with a repeat cycle of 24 days
D	None of these
Answer	A

Id	41
Question	Pick up the correct statement about IKONOS Satellite from the following:
A	Developed by Space Imaging, USA
B	Orbit is sun-synchronous at 682 Km
C	Swath width of 11 km at nadir and each image is 11 km*11Km in size
D	All the above
Answer	D

Id	42
Question	Polar seas having denser water because of:
A	High salinity
B	Low salinity
C	Low temperature
D	Addition of more fresh water due to ice melting
Answer	C

Id	43
Question	The biggest area of artesian wells in found in the great artesian basin of:
A	South America
B	Western Africa
C	Australia
D	Europe
Answer	C

Id	44
Question	The decreasing in temperature with increasing in height in the atmosphere is called:
A	Lapse rate
B	Thermal Loss
C	Adiabatic rate
D	Thermal rate
Answer	A

Id	45
Question	Which European country having more than 200 volcanoes
A	Norway
B	Italy
C	Switzerland
D	Iceland
Answer	A

Id	46
Question	In aerial photography lateral overlap and forward overlap are usually:
A	20% and 40%
B	30% and 60%
C	50% and 50%
D	None of these
Answer	B

Id	47
Question	Study of terrain landscapes which provides attributes like shape, size and texture of objects, is called as:
A	Temporal variation
B	Spectral variation
C	Spatial variation
D	None of the above
Answer	C

Id	48
Question	The term “bergschrund” is associated with which processes.
A	Coastal
B	Aeolian
C	Fluvial
D	Glacial
Answer	C

Id	49
Question	Kimberlite and lamproite pipes are mainly explored for:
A	Diamond
B	Beryl
C	Corundum
D	Quartz
Answer	A

Id	50
Question	In which rock type areas, petroleum reserves are found?
A	Sedimentary
B	Metamorphic
C	Igneous
D	None of these
Answer	A