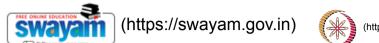
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NPTEL (https://swayam.gov.in/explorer?ncCode=NPTEL) » Remote Sensing and Digital Image Processing of

Satellite Data (course)

Announcements (announcements) About the Course (https://swayam.gov.in/nd1_noc19_ce38/preview)

Ask a Question (forum) Progress (student/home) Mentor (student/mentor)

Unit 6 - WEEK-4

Course outline How to access the portal	Assignment 4 The due date for submitting this assignment has passed. Due on 2019-09-25, 23:5 As per our records you have not submitted this assignment.	9 IST.
Model Assignment WEEK-1	The interaction of the electromagnetic radiation produced with a specific wave length to illuminate a target on the terrain for studying its scattered radiance, is called:	1 point
WEEK-2	 passive remote sensing active remote sensing neutral remote sensing None of these 	
WEEK-4 Image classification techniques (unit? unit=24&lesson=25)	No, the answer is incorrect. Score: 0 Accepted Answers: active remote sensing 2) The normal altitude of near polar orbiting remote sensing satellite is about:	1 point
InSAR Technique and its applications (unit? unit=24&lesson=26) Hyperspectral Remote Sensing (unit? unit=24&lesson=27)	20, 200 km 850 km 1050 km 2050 km No, the answer is incorrect. Score: 0 Accepted Answers: 850 km	

	2) Denetitive chargetions of the same area at equal interval of time are useful to manitar the	1 naint
O Integrated	3) Repetitive observations of the same area at equal interval of time are useful to monitor the dynamic phenomena:	1 point
applications of RS and GIS in	dynamic prienomena.	
groundwater	Lithology	
studies (unit?	Vegetative cover	
unit=24&lesson=28)	Buildings	
 Limitations of 		
Remote Sensing	Groundwater	
Techniques	No, the answer is incorrect.	
(unit?	Score: 0	
unit=24&lesson=29)	Accepted Answers: Vegetative cover	
O Quiz :	vegetative cover	
Assignment 4	4) Passive sensors can only be used to detect energy when the naturally occurring energy is	1 point
(assessment?	available	
name=64)		
WEEK-5	True	
WELKS	False	
WEEK-6	No, the answer is incorrect. Score: 0	
	Accepted Answers:	
WEEK -7	True	
WEEK-8	5) Which type of orbit is used by near-polar orbiting remote sensing satellites?	1 point
	Circular orbit	
FEEDBACK FORM	Sun-synchronous orbit	
1 OKW	Geo-synchronous	
	Geostationary	
	No, the answer is incorrect. Score: 0	
	Accepted Answers:	
	Sun-synchronous orbit	
	6) The altitudinal distance of a geostationary satellite from the earth is about:	1 point
	26, 000 km	
	30, 000 km	
	○ 36, 000 km	
	44, 000 km	
	No, the answer is incorrect.	
	Score: 0	
	Accepted Answers:	
	36, 000 km	
	7) A passive sensor uses:	1 point
		•
	Sun as the source of energy	
	Flash light as a source of energy	
	Its own source of energy	
	None of these	
	No, the answer is incorrect.	
	Score: 0	
	Accepted Answers:	
	Sun as the source of energy	
	8) Who coined the term, 'Remote sensing'	1 point
	, ,	,

 Evelyn L. Pruitt, a geographer Gaspard Felix Tournachon, a French scientist Wilbur Wright, an Italian scientist None of these No, the answer is incorrect. Score: 0 Accepted Answers: Evelyn L. Pruitt, a geographer 	
9) The optical property of a water body depends on:	1 point
 Absorption by the dissolved material Absorption by the suspended particulate matter Scattering by the suspended particulate matter All of these 	
No, the answer is incorrect. Score: 0 Accepted Answers: All of these	
10)Which one of the following geometric errors of satellite sensors is random?	1 point
Scan skew Panoramic distortion Earth rotation Altitude variation No, the answer is incorrect. Score: 0	
Accepted Answers: Altitude variation	