

Q=QUESTION A=ANSWER	question_description answer_description	question_explanation answer_explanation	question_type answer_isright	question_difficulty answer_position
Q	Single and double conversion are types of _____		M	1
A	Transmitters		0	1
A	Receivers		0	2
A	Transponders		1	3
A	Amplifiers		0	4
Q	A bent-pipe transponder :		M	1
A	Amplifies the received signal on the uplink and retransmit on downlink		0	1
A	Amplifies and upconvert the received signal on uplink and retransmits on downlink		0	2
A	Amplifies downconvert and transmits the signal on uplink		0	3
A	Amplifies down convert the signal received on uplink and retransmits on downlink		1	4
Q	An onboard processing satellite has the following functional units:		M	1
A	Demodulator,demultiplexer,FEC decoder/coder,baseband switch,and remodulator		1	1
A	Demultiplexer, demodulator channel switch		0	2
A	Demodulator,FEC decoder,and remodulator		0	3
A	Demultiplexer and FEC decoder		0	4
Q	A thermal sub-system :		M	1
A	Cools the interior of satellite		0	1
A	Control the temperature of subsystem within permitted limit		1	2
A	Heats the interior of satellite		0	3
A	Transfer heat from sunside to space side		0	4
Q	A corrugated horn antenna has:		M	1
A	Improved radiation pattern and poor cross polarization performance		0	1
A	Poor radiation pattern and better cross polarization performance		0	2
A	Poor radiation pattern and poor cross polarization performance		0	3
A	Improved radiation pattern and better cross polarization performance		1	4
Q	In a PN ranging system to measure long range with better resolution:		M	1
A	The length of the PN sequence should be long and chip rate should be high		1	1
A	The length of the PN sequence should be long and chip rate should be low		0	2

A	The length of the PN sequence should be short and chip rate should be high		0	3
A	The length of the PN sequence should be short and chip rate should be low		0	4
Q	A satellite operate in Ku-band.The specification for the frequency band for the LNA and HPA in satellite are	M		1
A	LNA:10.7 to 13.25GHz HPA:10.7 to 13.25GHz		0	1
A	LNA:12.75 to 14.25GHz HPA:12.75 to 14.25GHz		0	2
A	LNA:12.75 to 14.25GHz HPA:10.7 to 13.25GHz		1	3
A	LNA:10.7 to 13.25GHz HPA:12.75 to 14.25GHz		0	4
Q	The uplink and downlink frequencies for C-band transponder are:	M		1
A	Downlink:5925-6425MHz, Uplink:3700-4200MHz		0	1
A	Downlink:3700-4200MHz, Uplink:5925-6425MHz,		1	2
A	Downlink:3700-4200MHz, Down link:2655-2690MHz,		0	3
A	Uplink:3700-4200MHz		0	4
Q	A Satellite antenna has diameter of 3m and transmission frequency of 6Ghz. The 3-dB beamwidth is	M		1
A	0.625 degree		0	1
A	2.5 degree		0	2
A	1.25 degree		1	3
A	5 degree		0	4
Q	A satellite generates 2400W at BOL. The power output at EOL is:	M		1
A	2400W		0	1
A	2160W		1	2
A	2640W		0	3
A	2500W		0	4

