

Name:
Enrolment No:



UNIVERSITY OF PETROLEUM AND ENERGY STUDIES
End Semester/Supplementary (ODD/EVEN) Examination, July 2020

Course: Telemetry & SCADA

Semester: VI

Course Code: CSOG3006

Time: 2hrs

Programme: B.Tech. CSE (OGI)

Max. Marks: 60

Instructions:

MC	Which of the following represent Telemetry?	communication over telephone	Incorrect	fetching data from accessible location	Incorrect	fetching data from inaccessible location	Correct	all of the above	Incorrect
TF	only	FALSE	TRUE						
MC	Telemetry use data transfer over _____	computer link	Incorrect	optical fiber link	Incorrect	wireless mode	Incorrect	all of the above	Correct
MC	which of the following represent telemeter	analog device	Incorrect	digital device	Incorrect	both analog and digital	Correct	none of the above	Incorrect
MC	Which of the following mode of signal cannot be transmitted in telemetry	Audio	Incorrect	visual	Incorrect	picture	Incorrect	none of the above	Correct
MC	All kind of signal is converted into	optical data	Incorrect	magnetic data	Incorrect	electrical data	Correct	all of the above	Incorrect
MC	Telemetry allows data flow in _____	single direction	Correct	both direction	Incorrect	depends on design	Incorrect	none of the above	Incorrect
MC	which of the following is not true for telemetry	designed for specific range	Incorrect	designed for all variables	Correct	designed for data transmission	Incorrect	wireless data transmission possible	Incorrect
MC	process of utilization of one data link for multiple data transfer is called	multiplexing	Correct	multiprocessing	Incorrect	over the link transfer	Incorrect	none of the above	Incorrect
TF	Telemetry and Telemachanic are related	TRUE	FALSE						
MC	attenuation and phase shift in receiver is due to	length of cable	Incorrect	mode of data transfer	Incorrect	impedence of cable	Correct	all of the above	Incorrect
MC	What is the full form of SCADA?	Supervisory Control and Document Acquisition	Incorrect	Supervisory Control and Data Acquisition	Correct	Supervisory Column and Data Assessment	Incorrect	Supervisory Column and Data Assessment	Incorrect
MC	The control in SCADA is _____	Online control	Incorrect	Direct control	Incorrect	Supervisory control	Correct	Automatic control	Incorrect

MC	The first Network was called _____	CNNET	Incorrect	NSFNET	Incorrect	ASAPNET	Incorrect	ARPANET	Correct
MC	A _____ is the physical path over which a message travels.	Path	Incorrect	Medium	Correct	Protocol	Incorrect	Route	Incorrect
MC	A _____ set of rules that governs data communication.	Protocols	Correct	Standards	Incorrect	RFCs	Incorrect	Servers	Incorrect
MC	Three or more devices share a link in _____ connection.	Unipoint	Incorrect	Multipoint	Correct	Point to point	Incorrect	Simplex	Incorrect
MC	In computer network nodes are _____	the computer that originates the data	Incorrect	the computer that routes the data	Incorrect	the computer that terminates the data	Incorrect	all of the mentioned	Correct
MC	Network congestion occurs _____	in case of traffic overloading	Correct	when a system terminates	Incorrect	when connection between two nodes terminates	Incorrect	in case of transfer failure	Incorrect
MC	The basic requirements of transmitting antennas are:	High efficiency	Correct	Low side lobes	Incorrect	Large signal to noise ratio	Incorrect	None of the mentioned	Incorrect
MC	Which of the following networks extends a private network across public networks?	local area network	Incorrect	virtual private network	Correct	enterprise private network	Incorrect	storage area network	Incorrect
MC	Physical or logical arrangement of network is _____	Topology	Correct	Routing	Incorrect	Networking	Incorrect	Control	Incorrect
MC	_____ topology requires a multipoint connection.	Star	Incorrect	Mesh	Incorrect	Ring	Incorrect	Bus	Correct
MC	In TDM, slots are further divided into _____	Seconds	Incorrect	Frames	Correct	Packets	Incorrect	Bits	Incorrect
MC	_____ is the multiplexing technique that shifts each signal to a different carrier frequency.	FDM	Correct	TDM	Incorrect	Both FDM & TDM	Incorrect	PDM	Incorrect
MC	The sharing of a medium and its link by two or more devices is called _____	Fully duplexing	Incorrect	Multiplexing	Correct	Multiplexing	Incorrect	Duplexing	Incorrect
MC	Multiplexing is used in _____	Packet switching	Incorrect	Circuit switching	Correct	Data switching	Incorrect	Packet & Circuit switching	Incorrect
MC	Multiplexing provides _____	Efficiency	Incorrect	Privacy	Incorrect	Anti jamming	Incorrect	Both Efficiency & Privacy	Correct
MC	Which of the following protocols is used in the internet?	HTTP	Incorrect	DHCP	Incorrect	DNS	Incorrect	DNS, HTTP and DNS	Correct

MC	Internet works on _____	packet switching	Correct	circuit switching	Incorrect	both packet switching and circuit switching	Incorrect	data switching	Incorrect
MC	Which network topology requires a central controller or hub?	Star	Correct	Mesh	Incorrect	Ring	Incorrect	Bus	Incorrect
TF	Signal Transmission can happen without antenna in guided medium	TRUE	FALSE						
TF	Helical antenna is not a type of antenna	FALSE	TRUE						
TF	encoding and encryption are the same thing	FALSE	TRUE						
TF	polarization is must in Antenna communication	TRUE	FALSE						
TF	Directive Gain is equivalent to efficiency	FALSE	TRUE						
TF	ASK is a type of modulation	TRUE	FALSE						
TF	synchronizatio word is present in the footer of a Packet Frame	FALSE	TRUE						
MC	High speed ethernet works on _____	coaxial cable	Incorrect	twisted pair cable	Incorrect	optical fiber	Correct	unshielded twisted pair cable	Incorrect
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