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Q.P. Code: 31422

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В		(2½ Hours) [Total Marks	80
9			L
: 1	N.B. :	28 [[[하다]] - 마이트	
<u>s</u>		(2) Solve any three questions out of the remaining five questions	
ď			
27	. A)	Consider a cellular network with 64 cells. Each hexagonal cell has an	10
<u>e</u>		appropriate area of 10 km ² . The total number of radio channels allotted for	
www.a2zgubjects.com		the network is 336. Find the total number of channels of the network, if	
E		a) N = 4	
		a) N = 4 b) N = 7 c) N = 12. Where N denotes cell reuse.	
		c). N = 12. Where N denotes cell reuse.	
Ξ			
3	B)	Illustrate FHSS and DSSS with suitable examples.	10
cts			
<u>9</u>	. A)	Explain in detail functional architecture of a GSM system.	10
www.g2zsubjects.com	B)	Explain in detail MMDS and LMDS working in WLL based technology.	10
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₽ 3.	. A)	Explain in detail IEEE 802.11 WLANArchitecture.	10
3	B)	Explain in detail Hidden Terminal and Exposed terminal problem with	10
\$		respect to WLAN.	
l har			
Table 2	. A)	Explain in wireless security offered by IEEE 802.11 in detail with neat	10
		diagram.	
ojects.com	B)	Explain in detail Bluetooth Protocol architecture with neat diagram.	10
S.C			
<u>ত্</u> ব.	(A)	Explain Bluetooth security aspect.	, 10
<u>.</u>	B)	Explain WEP protocol in detail.	10
ISZ			
æ.	Writ	e short note:	20
www.agz		a. OFDM	
3		b. WIL Architecture	
4		c. Satellite Systems	
		d- MACA	

FW-Con.11668-16.