				Roll No									
PRESIDENCY UNIVERSITY													
			BENGA	LURU									
		GAIN MORE KNOWLEDGE REACH GREATER HEIGHTS	SCHOOL OF E		ING								
MAKE UP EXAMINATION – JAN 2023													
_					Dat				28-JA				
	ourse Code	: CSE304	- · ·		Tim				01:00	PM	- 04	1:00PN	Л
	ourse Name		Communications						100				
Pr	ogram	: B.Tech			We	ight	tage	: 9	50%				
Inctra	ations												
1115110	<i>Instructions:</i> <i>(i) Read the all questions carefully and answer accordingly.</i>												
	(ii) Complete the test with in time given												
	<b>,</b>		0										
	Part - A [Memory Recall Questions]												
Answer all the Questions. Each question carries TWO marks. (10Q * 2M = 20M)										M)			
1.	Which of the	following is no	t an example of w	ireless com	imunica	atior	า?	F.	0041		,		,
	A. Wi-Fi							[0	[CO1]	1	[Knowledge]		5]
2.		-	e drawback for cor	•		)		_		-			
	A. Security D. Mobile	B. Wireless te	chnology C. Limit	ted covera	ge area			Į	CO1]	Ĺ	Knov	wledge	e]
3.		Which of the following specifies a set of media access control (MAC)											
	and physical	layer specificati	ions for implemen	ting WLAN	s?			г	CO11	r i			- 1
	A. IEEE 802.1	1 B. IEEE	802.12					[	CO1]	Ĺ	Knov	wledge	5]
	C. IEEE 802.5	D. IEEE	802.16										
4.	Which of the	following is not	t a TDMA standard	d of 2.5G n	etwork	?		r,	CO 21	r -	1	سامطح	-1
	A.GPRS E	-							CO2]	Ĺ	[Knowledge]		-]
5.	HSCSD suppo	orts which 2G st	andard?										_
		B) GSM and IS-:		D) GSM				[(	CO2]	[	Knov	wledge	e]
6.			ociated with the h		rst gene	erati	on						
	analog cellula	-				- •	•	[(	CO2]	[]	Knov	wledge	e]
	A. Locator receiver B. MAHO C. Cell dragging D. Breathing cell												
7.	Header of da	tagram in IPv4	has										
	A. 0 to 20 byt		to 40 bytes					[(	CO3]	[	Knov	wledge	e]
	C. 20 to 60 b	-	to 80 bytes										
8.		-	a mechanism t										
	-	_	ddress, subnet ma		-	-	nd	[(	CO3]	[	Knov	wledge	e]
		B.SNMP	tocol will you use C.DHCP D	to accomp ARP	iish this	5ť							
	A.SMTP	D.JINIVIP		.ARP									

Answei	r all the Questions. Each question	(2Q x15M=30M)				
	Part	C [Problem Solving Questions]				
	needs to support compared to t operating system.	he features provided by a traditional	[CO4]	[Application]		
15.		an operating system for mobile device				
14.		mechanisms adopted by the TCP in	[CO3]	[Application]		
13.	wireless cellular networks. (i)Is 3G cellular wireless technolo your answer.(5)	gy superior to 2G technology? Justify	[CO2]	[Application]		
12.	Briefly explain the distinguishin	r. ng of current mobile cellular phones. g features of various generations of	[CO2]	[Application]		
11.	wireless network may not wo	ol designed for infrastructure-based rk satisfactory in infrastructure-less	[CO1]	[Application]		
Answei	Part B r all the Questions. Each question	[Thought Provoking Questions] carries TEN marks.	(5)	Q*10M=50M)		
	A. initialB. runniC. startingD. None	ng of the above	[CO4]	[Knowledge]		
10.	C. nodes are not required A mobile computing environment type of a environment	[604]	[ //			
9.	In wireless ad-hoc network A. access point is not required		[CO4]	[Knowledge]		

- 16. Analyze the reasons as to why a mobile handset is compact and lightweight and yet provides a large number of features such as roaming, camera, audio and video play and record, Internet browsing, [CO1] [Application] etc., while the traditional landline phone handsets are bulky and provide only limited features.
- 17. What do you understand by the mobile payment system? Briefly explain an application where mobile payment may be useful. Explain [CO4] [Application] the different payment systems that are available.