i)

a.

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Academic Year 2018/2019 Level Four (SE, IT) Wireless and Mobile Computing (IT431) (60 marks) 2 Pages



College of Computers and Information Time: 180 minutes

Kafrelsheikh University Date: 13/6/2019

Question number one: (40 Marks)

Choose the most correct answer:								(40 Marks)				
Permits	the	integration	of	different	voice	and	data	services	and	the		

interworking with existing networks using Subscriber Identity Module:

a. Handover | b. Mobile Computing | c. Infotainment | d. GSM | e. none is true

2) When mobile station moves out of the range of a BTS, decreasing the received signal level, this requires the process of:

a. Handover b. Mobile Computing c. Infotainment d. GSM e. none is true

3) Describes technologies that enable people to access network services anyplace, anytime, and anywhere:

a. Handover b. Mobile Computing c. Infotainment d. GSM e. none is true

4) Ad-hoc gaming networks, GPS, contact to a local base station, or triangulation where you are, are examples of:

a. Handover b. Mobile Computing c. Infotainment d. GSM e. none is true

5) Uses of Forward Error Correction (FEC), which codes redundancy into the data stream and helps to reconstruct the original data in case of transmission errors:

a. Bearer services b. Tele-services c. Supplementary services d. all true

6) Consists of stereoscopic displays to the user, is coupled to the user via sensors that sense user pose in the VE so that the display portrays the appropriate viewpoint.

Bearer services | b. Tele-services | c. Supplementary services | d. all true

 Includes user identification, call redirection, or forwarding of ongoing calls, barring of incoming/outgoing calls, AoC:

a. Bearer services b. Tele-services c. Supplementary services d. all true

 Contains all the mechanisms necessary for wireless transmission (TDMA, FDMA etc.):

a. AUC b. EIR c. HLR d. VLR e. BTS f. None is true

Responsible for informing MS with location changing to localize users:
 a. AUC b. EIR c. HLR d. VLR e. BTS f. None is true

11) A centralia	b. EIR	c. HLR	d. V	LR	e. BTS		f. None i	s true
Tales communic	ed scheme	with one ma	ster stat	ion ar	nd severa	d sl	ave stati	ons:
a. MACA	b. Polling	c. Reserv	ation TD	MA	d. PRM	Α	e. all tru	ie.
12) Tries to av	oid the exp	posed termina	ls by tra	ınsmit	ting RTS	firs	t.	
a. MACA	b. Polling	g c. Reservation TDMA			d. PRMA		e. all true	
13) Guarantee	s each stat	ion a certain b	andwid	th and	a fixed	dela	ıv.	
a. MACA	b. Polling	g c. Reservation TDMA			d. PRMA		e. all true	
14) Slots can b	e reserved	implicitly, a c	ertain r	umbe	r of slots	for	m a fram	e:
a. MACA	b. Polling	Contract to the Contract and Associated Technological Contract Con	increased in the same	antimo increasion	d. PRMA			
a. DAMA 17) Which of t	b. Rese he followi	ome fairness a rvation Aloha ng is not a MA b. Service disc	c. CSI	MA ature:	d. a&b		e. all truc	e no
a. Tast estat	outstance is	The state of the second					ndwidth	is tru
	ber two:	(71) Marks						

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Best Regards

Dr/Mai R, Ibraheem

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