Α

16. (a)(i)

		KGISL INSTITUTI DEPARTMENT OF INFO	Roll Number E OF TECHNOLOGY PRMATION TECHNOLOG	CY	
CLASS:	:	B.Tech IT	MAX MARKS	:	100
SEMESTER:	1	VI	DURATION	:	03:00 Hrs
SUBJECT:	:	Mobile Computing	CODE	:	IT6601
COURSE NO	:	C311	DATE	1/4	6-03-2019
ACADEMIC YEAR	4	2018 – 2019 (EVEN)	EXAM	:	MODEL 1

PART - A	10X 2 = 20 MARKS
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1	ANSWER ALL QUESTIONS	1	BT
	COURSE		
	- FT		TCOME
1. Define	Mobile Computing	R	C 311.1
2. What is	s use of MAC protocols in networks.	R	C 311.1
3. Define	COA.	R	C 311.2
4. Define	flow control.	R	C 311.2
5. What a	re all services offered by GSM.	U	C 311.3
6. Define	GPRS.	U	C 311.3
7. Define	MANET	R	C 311.4
8. What a	re reactive protocols?	R	C 311.4
9. What ar	re all the special constrains for mobile operating system?	R	C 311.5
10. Define	e B2C applications	R	C 311.5
	PART - B (5 X 13 = 65 MARKS)		
П	ANSWER ALL QUESTIONS	E	вт
	COURSE		
			EVEL TCOME
11. (a)(i)	Explain about Hidden and Exposed terminal problem in wireless networks. (OR)	13	C 311.1
(b)(i)	Explain about Reservation Based allocation schemes in detail,	13	C 311.1
12. (a)(i)	Explain the key mechanisms of mobile IP in detail. (OR)	13	C 311.2
(b)(i)	Explain about improvements done in TCP to adapt mobile networks.	13	C 311.2
13. (a)(i)	Explain about GSM architecture in detail. (OR)	13	C 311.3

(b)(i)	Explain about UMTS architecture in detail.	13	C 311.3
14. (a)(i)	Explain about DSDV routing protocol.	13	C 311.4
	(OR)		
(b)(i)	Explain about DSR routing protocol.	13	C 311.4
15. (a)(i)	Explain about M-Commerce in detail	13	C 311.5
	(OR)		
(b)(i)	Explain about Android OS and it's SDK in detail.	13	C 311.5
	PART - C (1 X 15 = 15 MARKS)		
Ш	ANSWER ALL QUESTIONS	В	

COURSE

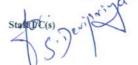
Explain in detail about security attacks done in MANET.

Explain about GPRS in detail.

	COURSE OUTCOMES
C305,1	Explain the basics of mobile telecommunication system
C305.2	Choose the required functionality at each layer for given application
C305.3	Identify solution for each functionality at each layer
C305,4	Use simulator tools and design Ad hoc networks
C305.5	Develop a mobile application.

(OR)

	BLOOMS TAXONOMY LEVELS
R	Remember
U	Understand
AP	Apply
AN	Analyze
E	Evaluate
С	Create







LEVEL OUTCOME

15

15

C 311.4

C 311.3

	Roll Number	_
KGISL INSTITUTE OF TECH	NOLOGY	
DEPARTMENT OF INFORMATION	TECHNOLOGY	

CLASS:	:	B.Tech IT	MAX MARKS	:	100
SEMESTER:	:	VI	DURATION	:	03:00 Hrs
SUBJECT:	:	Mobile Computing	CODE	:	IT6601
COURSE NO	:	C311	DATE	41	16-03-2019
ACADEMIC YEAR	:	2018 - 2019 (EVEN)	EXAM	: 1	MODEL 1
	40.00			1 1	

PART - A (10X 2 = 20 MARKS)

I ANSWER ALL QUESTIONS		ВТ	COURSE
1. Define Mobile Computing	7	LEVEL R	C 311.1
2. What is use of MAC protocols in networks?		R	C 311.1
3. Define Agent Advertisement.		R	C 311.2
4. Define flow control.		R	C 311.2
5. What are all services offered by GSM.		U	C 311.3
6. Define EDGE.		U	C 311.3
7. Define VANET		R	C 311.4
8. What are reactive protocols?		R	C 311.4
9. What are all the special constrains for mobile operating system	?	R	C 311.5
10. Define B2B applications		R	C 311.5
PART - B (5 X 13 = 6)	5 MARKS)		

	(Cirio ob Milital)		
II ANS	SWER ALL QUESTIONS	BT	COURSE
		LEVEL	OUTCOME
11. (a)(i)	Explain about Hidden and Exposed terminal problem in wireless networks.	13	C 311.1
25.745	(OR)		
(b)(i)	Explain about Fixed allocation schemes in detail,	13	C 311.1
12. (a)(i)	Explain the key mechanisms of mobile IP in detail.	13	C 311.2
	(OR)		
(b)(i)	Explain about improvements done in TCP to adapt mobile networks.	13	C 311.2
13. (a)(i)	Explain about GPRS architecture in detail.	13	C 311.3
	(OR)		Corno
(b)(i)	Explain about UMTS architecture in detail.	13	C 311.3
14. (a)(i)	Explain about constrains for MANET design	13	C 311.4
	(OR)	15	C 311.4
(b)(i)	Explain about DSR routing protocol.	10	
(0)(1)	Explain about DSR fouting protocol.	13	C 311.4

 (a)(i) Explain about Mobile OS in detail 		13	C 311.5
	(OR)		
(b)(i)	Explain about Android OS and it's SDK in detail.	13	C 311.5
	PART - C (1 X 15 = 15 MARKS)		
III ANS	SWER ALL QUESTIONS	BT	COURSE
		LEVEL	OUTCOME
16. (a)(i)	Explain in detail about security attacks done in MANET.	15	C 311.4
	(OR)		
(b)(i)	Explain about GSM in detail.	15	C 311.3

COURSE OUTCOMES	
C305.1	Explain the basics of mobile telecommunication system
C305.2	Choose the required functionality at each layer for given application
C305.3	Identify solution for each functionality at each layer
C305.4	Use simulator tools and design Ad hoc networks
C305,5	Develop a mobile application.

BLOOMS TAXONOMY LEVELS	
R	Remember
U	Understand
AP	Apply
AN	Analyze
E	Evaluate
С	Create