| | | | | | | | | | | | Code No. : 219 | 01 |
|------------------------------------|-------|------------|-----------------|---------------|--------|---------------|---------------|-----------------|-------|-----------------|--|----|
| V | | | | | | | | | | | RING (Autonomous), HYDERABAD Main Examinations, January-2018 | |
| | | | | | | | | Mo | bil | e Co | omputing | |
| Tin | ne: 3 | hou | | | | | | | | | Max. Marks: 60 | |
| | | | Not | e: A. | nswe | er A | LLq | uesti | ions | in Pa | art-A and any FIVE from Part-B | |
| | | | | | | | P | art- | 4 (1) | 0×2 | = 20 Marks) | |
| 1. | | | re the | | | | | | | | | |
| 2. | | | | | | _ | | | | - | lem in wireless networks? | |
| 3. | | | | | | | - | | | | S to upgrade GSM architecture. | |
| 4. 5. | | | | | | | | - | | | Cellular networks? d in physical layer of Wireless LAN. | |
| 6. | | | | | | | | | | | tooth protocol stack? | |
| 7. | | | o you | | | | | | | | | |
| 8. | | | ata ca | | | | | | | | | |
| 9. | | | t four | | | | | | | | | |
| 10. | W | nat is | selec | tron | ic pa | yme | nt? | | | | | |
| | | | | | | | | Part- | B (| 5 × 8 | = 40 Marks) | |
| 11. | | | | | | | | | | | MA, TDMA, FDMA and CDMA systems? ace, time, frequency and code domain. | [4 |
| | b) | tech | nique | use | d is | CDN | /IA a | nd th | ne co | odes o | sender B = 11. Assume that the transmission of sender A and B are 110 and 101 respectively. at receivers of A and B. | [4 |
| 12. | a) | Nan | ne the | ma | in el | eme | nts o | f the | GS | M sy | stem architecture and describe their functions. | [4 |
| | b) | | cuss f | | | | | es of | sate | llite | orbits can be identified depending on the shape | [4 |
| 13. | . a) | | lain t | | | | | | | | used by the nodes inside the contention window | [: |
| | b) | Exp | lain t | he f | uncti | ona | ities | of li | ink r | nana | ger protocol in Bluetooth. | [3 |
| 14 | . a) | | | | | | | | | | gistration in forwarding a packet in mobile IP? uest packet with suitable diagram. | [|
| | b) | | te the | | quire | men | t of | WA | P. | Expl | ain the function of the component of WAP | |
| 15 | . a) | Lis | t the f | four | laye | red s | truc | ture | of A | ndro | id. What is the function of iOS? | [|
| | | | | | | | | | | | tion management? | [|
| 16 | . a) | Giv 3 M | en a d'Hz. | chan Wha | nel v | with nal t | an ii o no | ntend ise ra | ded o | capac is rec | rity of 20 Mbps, the bandwidth of the channel is quired to achieve this capacity? | [|
| | b) | We | | e av | ailab | ility | | | | | ncy spectrum. How do cellular systems reuse | [|
| 17 | . A | nsw | er any | two | oft | he fe | ollov | ving | | | | |
| | | a) i | Expla Take | in ir a sa | n deta | ail c | lassi work | cal e | nhai | | ents to TCP for mobility. he two possibilities for location of COA? What | |
| | | | is tun Expla | | - | | | | in de | etail. | | |