

**Code No: 58084**

**Set No. 1**

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

**IV B.Tech. II Sem., II Mid-Term Examinations, April-2014**

**DATA COMMUNICATION SYSTEMS**

**Objective Exam**

**Name:** \_\_\_\_\_ **Hall Ticket No.**

						A				
--	--	--	--	--	--	---	--	--	--	--

**Answer All Questions. All Questions Carry Equal Marks. Time: 20 Min. Marks: 10.**

**I. Choose the correct alternative:**

1. \_\_\_\_\_ is the exchange of signaling messages over local loops between stations and telephone company switching machines. [      ]  
A) Station signaling    B) in traffic signaling    C) Supervisor    D) Contrallable
2. DTMF was originally called [      ]  
A) MF    B) Touch-Tone    C) Dial Tone    D) Signal
3. Personal Communication satellite systems (PCSS) are \_\_\_\_\_ duplex mobile Systems that utilize the cellular concepts. [      ]  
A) Half Duplex    B) Full Duplex    C) No Duplex    D) A and B
4. A special device called \_\_\_\_\_ is used in each mobile unit and base station to allow simultaneous transmission and reception of data. [      ]  
A) EDD    B) FCC    C) Duplexer    D) SIR
5. One unique feature of GSM that is not used in older analog systems is [      ]  
A) Voice    B) SMS    C) call forwarding    D) None
6. Iridium is a \_\_\_\_\_ based on wireless personal communication network. [      ]  
A) Satellite    B) GSM    C) FDM    D) PSTN
7. \_\_\_\_\_ codes was the first fixed length character code developed for machines Rather than people. [      ]  
A) Morse code    B) Baud code    C) Bar code    D) code 39
8. \_\_\_\_\_ converts digital pulses to analog signals. [      ]  
A) DAC    B) ADC    C) DTE    D) DCE
9. \_\_\_\_\_ is a set of rules implementing and governing an orderly exchange of data between layers. [      ]  
A) Data link protocol    B) data communication protocol    C) Network protocol    D) All
10. XMODEM, YMODEM, ZMODEM use \_\_\_\_\_ protocols. [      ]  
A) Synchronous    B) Bit oriented    C) character Oriented    D) Asynchronous

**Cont.....2**

**II Fill in the Blanks:**

11. \_\_\_\_\_communication is based on distance communication
12. \_\_\_\_\_is defined as the optimum level of a test time on a channel at some point in communication system.
13. AMPS stands for \_\_\_\_\_
14. Cellular telephone systems that use digital modulation such as USDC are called \_\_\_\_\_.
15. FDMA and TDMA use \_\_\_\_\_ approach to frequency spectrum management.
16. \_\_\_\_\_codes are used to represent characters and symbols.
17. Synchronous modems use \_\_\_\_\_ to transport synchronous data.
18. A \_\_\_\_\_ outlines the way in which a data communication network is arranged or structured.
19. Character oriented protocols are called \_\_\_\_\_.
20. With \_\_\_\_\_remote stations can have more than one terminal.

Code No: 58084

Set No. 2

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

**IV B.Tech. II Sem., II Mid-Term Examinations, April-2014**

**DATA COMMUNICATION SYSTEMS**

**Objective Exam**

Name: \_\_\_\_\_ Hall Ticket No. 

						A				
--	--	--	--	--	--	---	--	--	--	--

**Answer All Questions. All Questions Carry Equal Marks. Time: 20 Min. Marks: 10.**

**I. Choose the correct alternative:**

1. A special device called \_\_\_\_\_ is used in each mobile unit and base station to allow simultaneous transmission and reception of data. [      ]  
A) EDD                      B) FCC                      C) Duplexer                      D) SIR
2. One unique feature of GSM that is not used in older analog systems is [      ]  
A) Voice                      B) SMS                      C) call forwarding                      D) None
3. Iridium is a \_\_\_\_\_ based on wireless personal communication network. [      ]  
A) Satellite                      B) GSM                      C) FDM                      D) PSTN
4. \_\_\_\_\_ codes was the first fixed length character code developed for machines Rather than people. [      ]  
A) Morse code                      B) Baud code                      C) Bar code                      D) code 39
5. \_\_\_\_\_ converts digital pulses to analog signals. [      ]  
A) DAC                      B) ADC                      C) DTE                      D) DCE
6. \_\_\_\_\_ is a set of rules implementing and governing an orderly exchange of data between layers. [      ]  
A) Data link protocol                      B) data communication protocol                      C) Network protocol                      D) All
7. XMODEM, YMODEM, ZMODEM use \_\_\_\_\_ protocols. [      ]  
A) Synchronous                      B) Bit oriented                      C) character Oriented                      D) Asynchronous
8. \_\_\_\_\_ is the exchange of signaling messages over local loops between stations and telephone company switching machines. [      ]  
A) Station signaling                      B) in traffic signaling                      C) Supervisor                      D) Contrallable
9. DTMF was originally called [      ]  
A) MF                      B) Touch-Tone                      C) Dial Tone                      D) Signal
10. Personal Communication satellite systems (PCSS) are \_\_\_\_\_ duplex mobile Systems that utilize the cellular concepts. [      ]  
A) Half Duplex                      B) Full Duplex                      C) No Duplex                      D) A and B

**Cont.....2**

**II Fill in the Blanks:**

11. Cellular telephone systems that use digital modulation such as USDC are called \_\_\_\_\_.
12. FDMA and TDMA use \_\_\_\_\_ approach to frequency spectrum management.
13. \_\_\_\_\_ codes are used to represent characters and symbols.
14. Synchronous modems use \_\_\_\_\_ to transport synchronous data.
15. A \_\_\_\_\_ outlines the way in which a data communication network is arranged or structured.
16. Character oriented protocols are called \_\_\_\_\_.
17. With \_\_\_\_\_ remote stations can have more than one terminal.
18. \_\_\_\_\_ communication is based on distance communication
19. \_\_\_\_\_ is defined as the optimum level of a test time on a channel at some point in communication system.
20. AMPS stands for \_\_\_\_\_

Code No: 58084

Set No. 3

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

**IV B.Tech. II Sem., II Mid-Term Examinations, April-2014**

**DATA COMMUNICATION SYSTEMS**

**Objective Exam**

Name: \_\_\_\_\_ Hall Ticket No. 

						A				
--	--	--	--	--	--	---	--	--	--	--

**Answer All Questions. All Questions Carry Equal Marks. Time: 20 Min. Marks: 10.**

**I. Choose the correct alternative:**

1. Iridium is a \_\_\_\_\_ based on wireless personal communication network. [     ]  
A) Satellite                      B) GSM                      C) FDM                      D) PSTN
2. \_\_\_\_\_ codes was the first fixed length character code developed for machines Rather than people. [     ]  
A) Morse code                      B) Baud code                      C) Bar code                      D) code 39
3. \_\_\_\_\_ converts digital pulses to analog signals. [     ]  
A) DAC                      B) ADC                      C) DTE                      D) DCE
4. \_\_\_\_\_ is a set of rules implementing and governing an orderly exchange of data between layers. [     ]  
A) Data link protocol                      B) data communication protocol                      C) Network protocol                      D) All
5. XMODEM, YMODEM, ZMODEM use \_\_\_\_\_ protocols. [     ]  
A) Synchronous                      B) Bit oriented                      C) character Oriented                      D) Asynchronous
6. \_\_\_\_\_ is the exchange of signaling messages over local loops between stations and telephone company switching machines. [     ]  
A) Station signaling                      B) in traffic signaling                      C) Supervisor                      D) Contrallable
7. DTMF was originally called [     ]  
A) MF                      B) Touch-Tone                      C) Dial Tone                      D) Signal
8. Personal Communication satellite systems (PCSS) are \_\_\_\_\_ duplex mobile Systems that utilize the cellular concepts. [     ]  
A) Half Duplex                      B) Full Duplex                      C) No Duplex                      D) A and B
9. A special device called \_\_\_\_\_ is used in each mobile unit and base station to allow simultaneous transmission and reception of data. [     ]  
A) EDD                      B) FCC                      C) Duplexer                      D) SIR
10. One unique feature of GSM that is not used in older analog systems is [     ]  
A) Voice                      B) SMS                      C) call forwarding                      D) None

**II Fill in the Blanks:**

11. \_\_\_\_\_ codes are used to represent characters and symbols.
12. Synchronous modems use \_\_\_\_\_ to transport synchronous data.
13. A \_\_\_\_\_ outlines the way in which a data communication network is arranged or structured.
14. Character oriented protocols are called \_\_\_\_\_.
15. With \_\_\_\_\_ remote stations can have more than one terminal.
16. \_\_\_\_\_ communication is based on distance communication
17. \_\_\_\_\_ is defined as the optimum level of a test time on a channel at some point in communication system.
18. AMPS stands for \_\_\_\_\_
19. Cellular telephone systems that use digital modulation such as USDC are called \_\_\_\_\_.
20. FDMA and TDMA use \_\_\_\_\_ approach to frequency spectrum management.

Code No: 58084

Set No. 4

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

**IV B.Tech. II Sem., II Mid-Term Examinations, April-2014**

**DATA COMMUNICATION SYSTEMS**

**Objective Exam**

Name: \_\_\_\_\_ Hall Ticket No. 

						A				
--	--	--	--	--	--	---	--	--	--	--

**Answer All Questions. All Questions Carry Equal Marks. Time: 20 Min. Marks: 10.**

**I. Choose the correct alternative:**

1. \_\_\_\_\_ converts digital pulses to analog signals. [     ]  
A) DAC      B) ADC      C) DTE      D) DCE
2. \_\_\_\_\_ is a set of rules implementing and governing an orderly exchange of data between layers. [     ]  
A) Data link protocol      B) data communication protocol      C) Network protocol      D) All
3. XMODEM, YMODEM, ZMODEM use \_\_\_\_\_ protocols. [     ]  
A) Synchronous      B) Bit oriented      C) character Oriented      D) Asynchronous
4. \_\_\_\_\_ is the exchange of signaling messages over local loops between stations and telephone company switching machines. [     ]  
A) Station signaling      B) in traffic signaling      C) Supervisor      D) Contrallable
5. DTMF was originally called [     ]  
A) MF      B) Touch-Tone      C) Dial Tone      D) Signal
6. Personal Communication satellite systems (PCSS) are \_\_\_\_\_ duplex mobile Systems that utilize the cellular concepts. [     ]  
A) Half Duplex      B) Full Duplex      C) No Duplex      D) A and B
7. A special device called \_\_\_\_\_ is used in each mobile unit and base station to allow simultaneous transmission and reception of data. [     ]  
A) EDD      B) FCC      C) Duplexer      D) SIR
8. One unique feature of GSM that is not used in older analog systems is [     ]  
A) Voice      B) SMS      C) call forwarding      D) None
9. Iridium is a \_\_\_\_\_ based on wireless personal communication network. [     ]  
A) Satellite      B) GSM      C) FDM      D) PSTN
10. \_\_\_\_\_ codes was the first fixed length character code developed for machines Rather than people. [     ]  
A) Morse code      B) Baud code      C) Bar code      D) code 39

**Cont.....2**

**II Fill in the Blanks:**

11. A \_\_\_\_\_ outlines the way in which a data communication network is arranged or structured.
12. Character oriented protocols are called \_\_\_\_\_.
13. With \_\_\_\_\_ remote stations can have more than one terminal.
14. \_\_\_\_\_ communication is based on distance communication
15. \_\_\_\_\_ is defined as the optimum level of a test time on a channel at some point in communication system.
16. AMPS stands for \_\_\_\_\_
17. Cellular telephone systems that use digital modulation such as USDC are called \_\_\_\_\_.
18. FDMA and TDMA use \_\_\_\_\_ approach to frequency spectrum management.
19. \_\_\_\_\_ codes are used to represent characters and symbols.
20. Synchronous modems use \_\_\_\_\_ to transport synchronous data.