Enrollment No: _____

PARUL UNIVERSITY FACULTY OF ENGINEERING & TECHNOLOGY B.Tech. Summer 2018-19 Examination

B. rech. Summer 2018-19 Examination		
Semester: 1 Subject Code: 203108101 Subject Name: Information and Communication Technology		Date: 18/05/2019 Time: 02:00pm To 04:30pm Total Marks: 60
	 (a) Vinton Cerf (b) Mark Zuckerberg (c) Bill Gates (d) Tim Berners-Lee 2. Range of MAN network is up to? (a) Campus (b) City (c) Country (d) State 3. Data is ? (a) Processed Data (b) Wisdom (c) Raw Material (d) Knowledge 4. Size of IP address? (a) 48 bit (b) 32 bit (c) 36 bit (d) 42 bit 5. Binary of 13 is? (a) 1001 (b) 1010 (c) 1101 (d) 1110 6. In this layer device get IP address. 7. Collection of interconnected network is called 8. Full form of URL is 9. Processed data is called 10. Basic measurement unit of memory is 11. ROM is Non volatile memory. True or False 12. What is Analog Signal? 13. Full form of BIOS 14. What is Algorithm? 15. What is Server? 	
Q.2	 Answer the following questions. (Attempt any three) A) What is Software? Explain with its types. B) What is ROM? Explain with its types. C) What is Guided media? Explain with its types and figures. D) What is Data Communication? Explain with its components. 	(15)
Q.3	A) Draw the Flowchart for Finding number is Odd or Even. B) 1. $(268.118)_{10} = ()_8 $ 2. $(231.45)_{16} = (OR $ B) Write on algorithm for with drawal the manay form ATM machine	(07) (08)
04	B) Write an algorithm for withdrawal the money form ATM machine.A) Write Pseudo code for sum of 1 to 10.	(08) (07)
¥.4	OR	(07)
	A) What is Internet? Explain its advantages and disadvantages in detail.B) What is Topology? Explain in brief with its types and figures.	(07) (08)