



Sheet No. _____

Assignment 03

Fall Term 2020

Complexity with Recursion Tree

Code IT-466 Degree BBIT
Title Analysis of Algorithm Batch F17-IT Specialization
Due Date: **Nov 13, 2020 before 1630hr** Marks 110

Instructions:

1. Do not forget to pray before starting to attempt the paper. Trust me it helps.
Remember! SOMEONE is always with you (Be Relaxed), and HE is also watching you (Be Honest)
2. **Question Paper is SELF EXPLANATORY. Understanding the Question Paper is part of Solution.**
3. Nothing Beyond the Finish Line will be Evaluated. Back Side of Pages is Beyond Finish Line.
4. For Calculations etc. Use the back side of the pages.
5. Error in Question will be advantageous to Student.
6. Read the Questions carefully before attempting.
7. Solve your paper using Black/Blue Pen only.
8. Attempt All Questions in a Precise Fashion.
9. Switch Off your Cellular Phones.
10. Manage Your Time.

GOOD LUCK

Reg. No: _____

Name: _____

Class: IT Specialization

Date: Sunday November 08, 2020

Section: _____

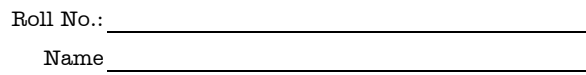
Signature: _____

Q 01.	Q 02.	Q 03.	Q 04.	Q 05.	Q 06.	Q 07.	Q 08.	Q 09.	Q 10.	Total
15	15	15	15	15						110

Assistant's Signature

Examiner's Signature

Do Not Open until YOU are Advised by the Invigilator.



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$$T(n) = 5 T\left(\frac{7n}{5}\right) + \frac{7}{n}$$
[illegible]

