***5th cycle Assignment Problems (Submit on Nov 11th)***

1. Solve f(x)=0 by tabulation and refining tabulation
2. Given a input polynomial generate polynomial for f’ , f’’ ,f’” and so on till it automatically stops
3. Given f find out ∫f dx, ∫∫fdx and ∫∫∫f (dx) so on and polynomial evaluation
4. To solve f(x)=0 using variable tangent method and fixed tangent method
5. Secant Algorithm and pseudo algorithm (solve secant in a pseudo bisection)
6. Get all the roots assuming that are real and distinct by continued tabulation and refinement
7. By dividing the reduced polynomial by the factor (x-R) and get all roots
8. Successive approximation solving f(x)=0
9. Solve a cubic polynomial for all the three roots assuming
10. All real roots
11. A pair of complex conjugate roots

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| 1 | Solve f(x)=0 by tabulation and refining tabulation | Murali |
| 2 | Given a input polynomial generate polynomial for f’ , f’’ ,f’” and so on till it automatically stops | Navya and Amruth |
| 3 | Given f find out ∫fdx, ∫∫fdx and ∫∫∫f (dx) so on and polynomial evaluation | Anjan and Roshini |
| 4 | To solve f(x)=0 using variable tangent method and fixed tangent method | Nandini and Abhilash |
| 5 | Secant Algorithm and pseudo algorithm (solve secant in a pseudo bisection) | Nagaeshwari |
| 6 | Get all the roots assuming that are real and distinct by continued tabulation and refinement | Nimisha and Anusha |
| 7 | By dividing the reduced polynomial by the factor (x-R) and get all roots | Roopa and shashirekha |
| 8 | Successive approximation solving f(x)=0 | Deepika and Ashwini |
| 9 | Solve a cubic polynomial for all the three roots assuming   1. All real roots 2. A pair of complex conjugate roots | Shushma and Prajwala |