Term Paper

M. Phil-II (Regular)

Course Name: Generalized Special Functions

Course Code: MATH-768

- 1. Saalschutz, Whipple and Dixon k-Theorems PMAF19M002, PMAF19M003, PMAF19M004, PMAF19M006, PMAF19M008, PMAF19M009
- **2. Generalized Hypergeometric k-Function with Properties** PMAF19M011, PMAF19M012, PMAF19M014, PMAF19M015, PMAF19M017, PMAF19M022
- **3. Confluent Hypergeometric k-Function with Properties** PMAF19M023, PMAF19M024, PMAF19M025, PMAF19M028, PMAF19M030, PMAF19M032
- **4. Hypergeometric k-Function with Properties** PMAF19M033, PMAF19M034, PMAF19M036, PMAF19M038, PMAF19M040, SMAF18E005
- 5. Gamma and Beta k-Functions with Properties PMAF19M001, PMAF19M005, PMAF19M007, PMAF19M013, PMAF19M016, PMAF19M018
- 6. Bessel k-Function with Properties PMAF19M021, PMAF19M020, PMAF19M026, PMAF19M027, PMAF19M029, PMAF19M037

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