

## OPTION (H). SPECIAL FUNCTION

(Questions will be set from each unit/section)

| Units | Topics   |
|-------|--|
| I     | Special Functions: Gamma function. Hypergeometric functions.                                 |
| II    | Special Functions: Generalized Hypergeometric function & Confluent Hypergeometric functions. |
| III   | Special Functions: Legendre's Polynomials Associated Legendre functions.                     |
| IV    | Special Functions: Besel Functions, Itraspherical and Jacobi Polynomials.                    |
| V     | Special Functions: Lagurre and Hermite Polynomials.  |