Structure of Question- Math3 (Mid)

Part-A: 10 Marks

Short questions (very short, answer will be only one/ two lines) .

Part-B: 20 Marks

Broad Questions (From all chapters).

Part-C: 10 Marks

Broad Questions (Application based questions)

1. Root findings of any complex equation.
2. Find inverse Z transform using Convolution Theorem/CRT/Partial fraction.
3. Evaluate $\oint_C f(z)\, dz,$ using the Cauchy Residue Theorem (CRT).

4. Real life problems of Z-transform(Additional problems of Z-transform).

5. Solving difference equations.