

ICH-3.2 Polymer Science & Technology MSc Industrial Chemistry (III Semester)

Time Allowed: 1 hr

Max Marks: 20

All notations have their usual meanings, assume missing data if any.

1. The quintessential water bottle (small size) can be fabricated using a mass production technique. Identify and explain the technique in detail with step-wise procedure of making these bottles. Show with illustrations. (12 marks)

2. Explain with reasons (2x4 marks)

- a) Additives are used extensively for plastics.
- b) Extrusion is handy for continuous products.