

## Minor 1 TXL 321

Discipline: B.Tech.

Time: 1 Hour

Date: 24.08.18

Max Marks: 25

1. Justify that the tensile properties of blended yarn depends on the tensile properties and number of constituent fibres.
2. Open-end rotor spinning system is <sup>not longer</sup> ~~longer~~ fibre friendly in comparison to ring spinning system. Justify.
3. Explain the different fibre properties influencing the processing behaviour of staple fibre in yarn production.
4. Describe the different merits and demerits of different blending methods used during yarn preparation.
5. Cotton spinning system is not able to exploit the potentials of synthetic fibres. Justify.