## 22577

2425 3 Hours / 70 Marks Seat No.	12425 )3 Hours / 70
<i>Instructions</i> – (1) All Questions are <i>Compulsory</i> . (2) Answer each next main Question on a new page	Instructions $-$ (1) (2)
<ul><li>(2) Histor can next main Question on a new page.</li><li>(3) Illustrate your answers with neat sketches wherever necessary.</li></ul>	(3)
(4) Figures to the right indicate full marks.	(4)
(5) Use of Non-programmable Electronic Pocket Calculator is permissible.	(5)
(6) Mobile Phone, Pager and any other Electronic Communication devices are not permissible in Examination Hall.	(6)
Marks	
Attempt any <u>FIVE</u> of the following: 10	. Attempt any

- a) Define the term "finishing".
- b) Enlist any four causes of pill formation.
- c) Define the term "Soil".
- d) State the types of Soil.
- e) State any two minimum application technique and its concepts.
- Define the term GSM and GLM with suitable example. f)
- g) State the types of emulsion.

with one example for each.

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## 5. Attempt any TWO of the following:

- a) Elaborate the thermal behaviour and the changes brought by heat setting in case of PET fabric.
- b) Elaborate the physical antipilling methods to combat pill formation in p/c blended fabrics.
- c) Describe with flow chart acid milling process of wool. State it's advantages and disadvantages. (any two each)

## 6. Attempt any <u>TWO</u> of the following:

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- a) Elaborate the relevant factors responsible for soiling of polyester fabrics.
- b) Formulate recipe for polyester fabric to get flame retardant finish. Explain the procedure and give two uses of finished fabric.
- c) Differentiate between water repellent and water proof finishing of cotton (six points having one points as examples for end uses).