

THERMOCHROMIC INKS - EXAMINATION QUESTIONS - PART ONE

HELPFUL LINK: <https://technologystudent.com/despro2/inks1.htm>

1. In simple terms, what are thermochromic inks? **4 marks**

2. Describe two practical applications of thermochromic inks. Include a sketch / image representing each one. **8 marks** (4 marks per example)

SKETCH

A:

SKETCH

B:

THERMOCHROMIC INKS - EXAMINATION QUESTIONS - PART TWO

HELPFUL LINK: <https://technologystudent.com/despro2/inks1.htm>

1. What is the difference between **reversible** and **irreversible** thermochromic inks?
2 marks

2. Select two of the following categories of thermochromic inks. For each one, describe a practical example (include an image / sketch to support your answer). **8 marks**

- A.** Thaw sensing (irreversible) **B.** Freeze sensing (reversible) **C.** Cold activated (reversible)
D. Cold activated reveal (reversible) **E.** Warm sensing (irreversible) **F.** High heat activated
G. Body heat activated (reversible)

CATEGORY: _____

NOTES

SKETCH / IMAGE

CATEGORY: _____

NOTES

SKETCH / IMAGE
