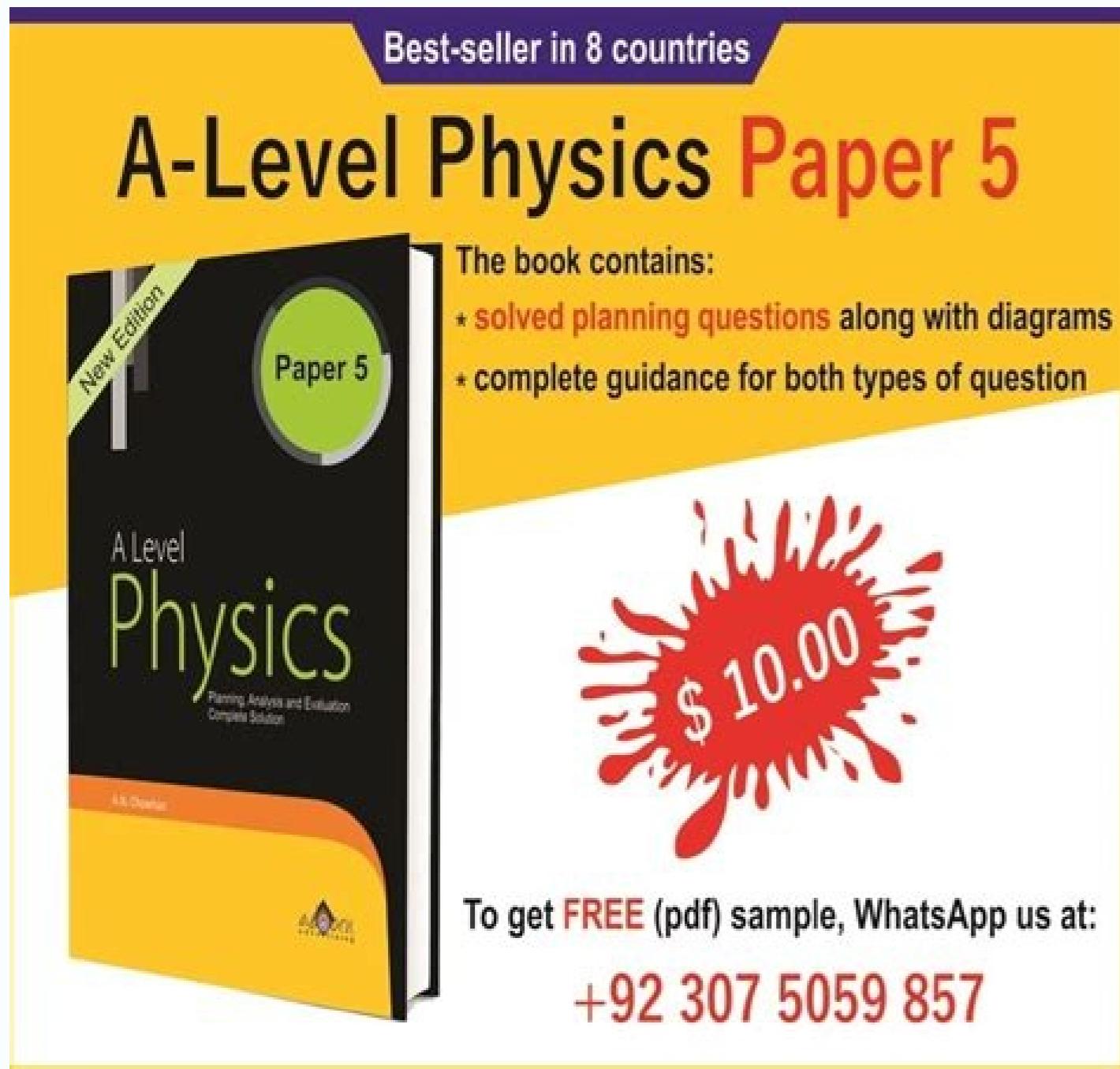
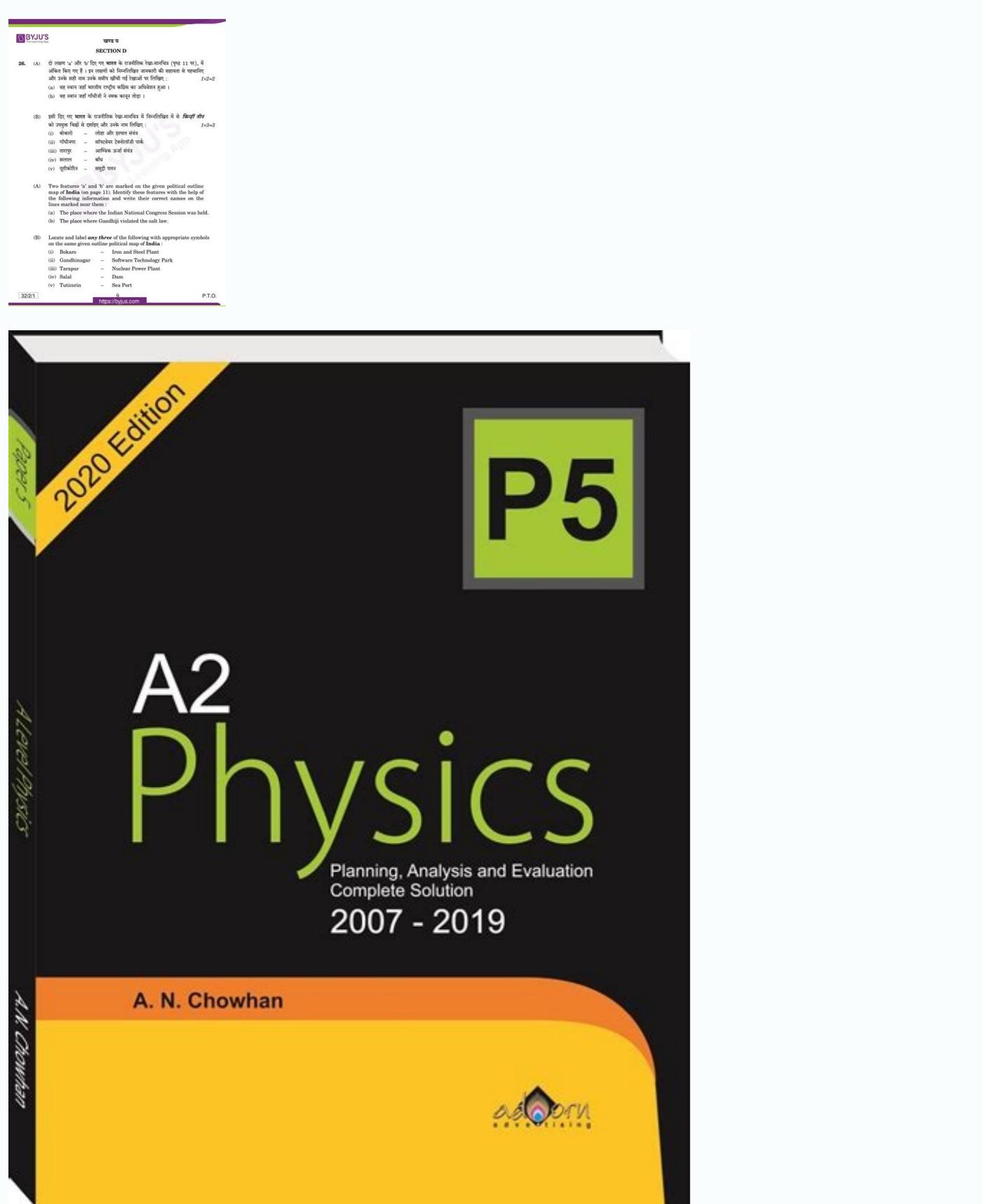
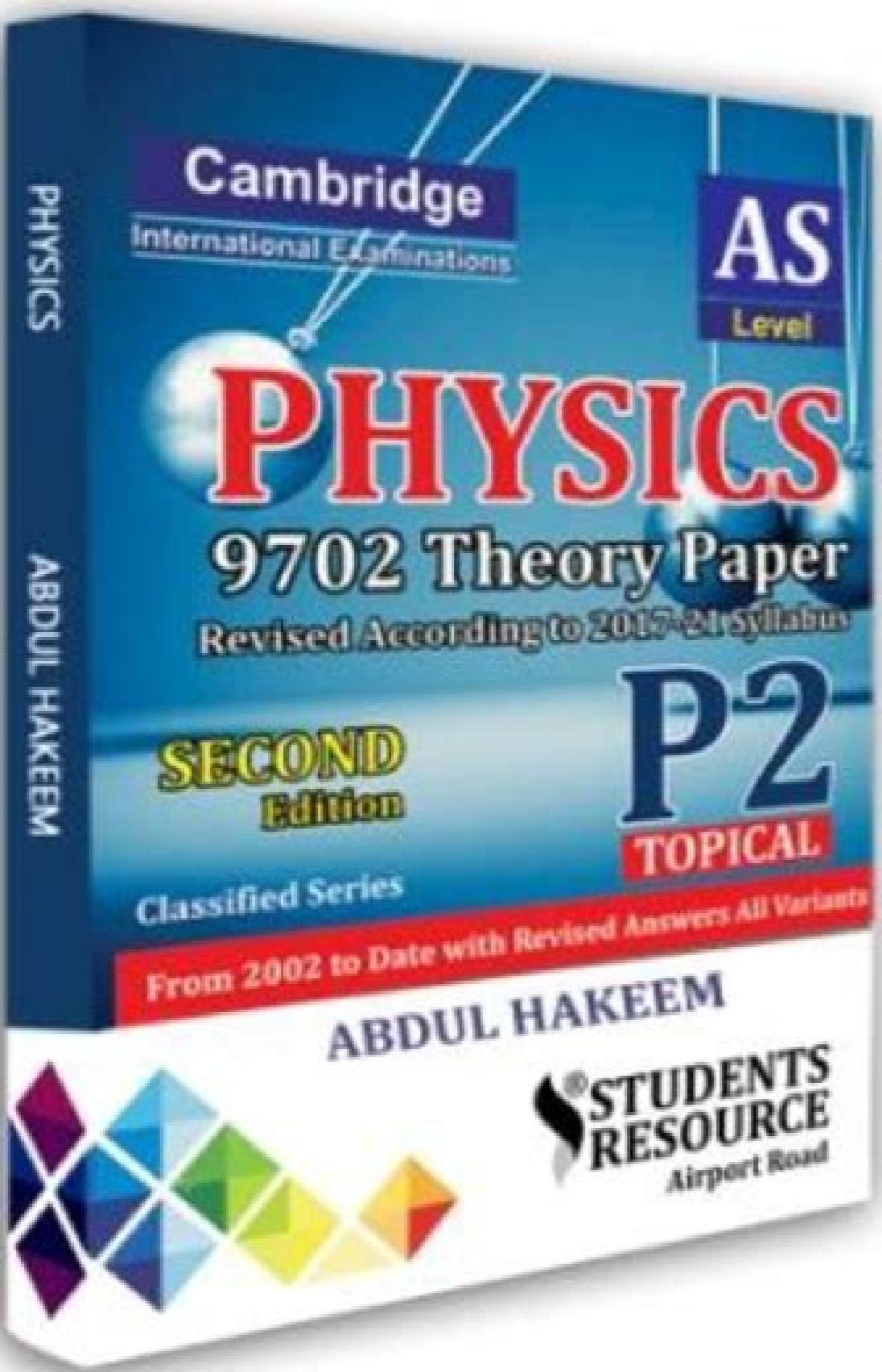


I'm not a robot!



MATHEMATICS TOPICAL QUESTIONS FOR P.T TERM 1 NO.1

Name: Surname:

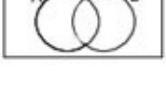
TOPICAL SETS

1. Given that $A = \{b, d, f, h\}$ and $B = \{a, b, c, d, e\}$ List the elements of $A \cup B$.

2. If $M = \{2, 3, 4, 5\}$, how many subsets does set M have?

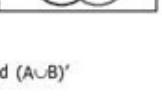
3. A set has 31 proper subsets, how many elements does the set have?

4. Shade the region that represents B' .



5. Given that $\epsilon = \{1, 2, 3, 4, 5, 6, 7\}$ $A = \{2, 4, 6\}$ $B = \{4, 5, 6, 7\}$

- (a) Represent the above information on the venn diagram.



- (b) Find $(A \cup B)'$

6. Given that $n(A) = 25$, $n(B) = 20$ and $n(A \cup B) = 35$

