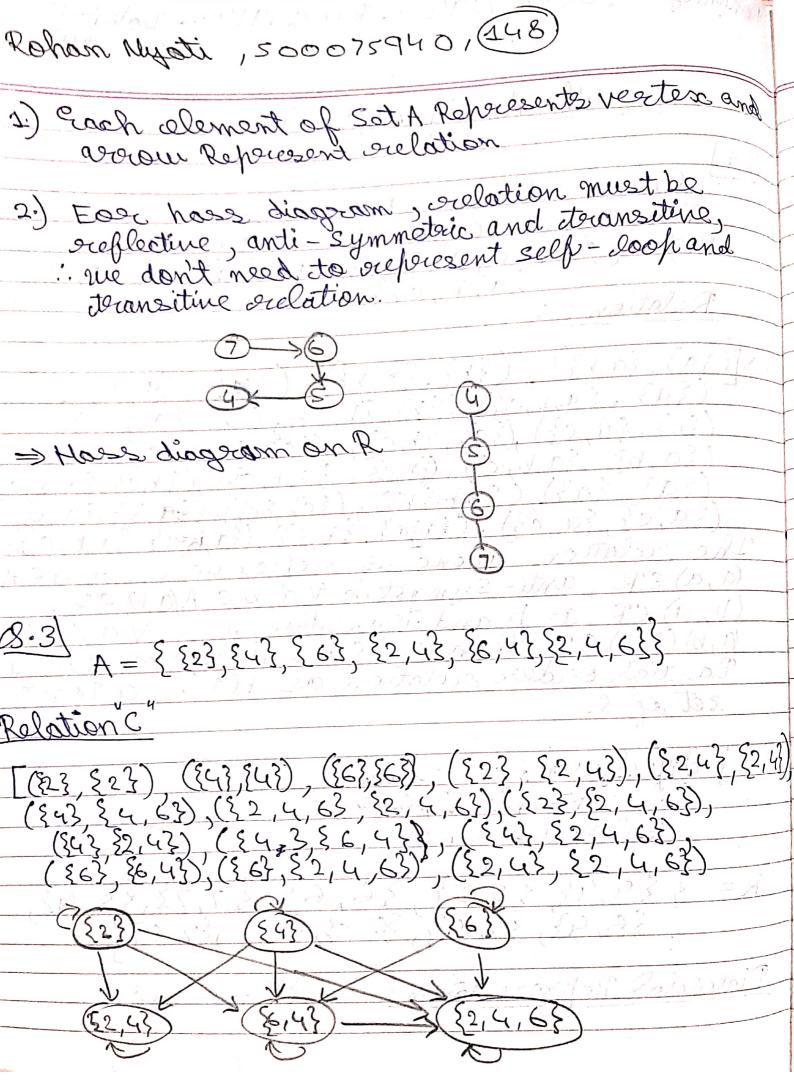
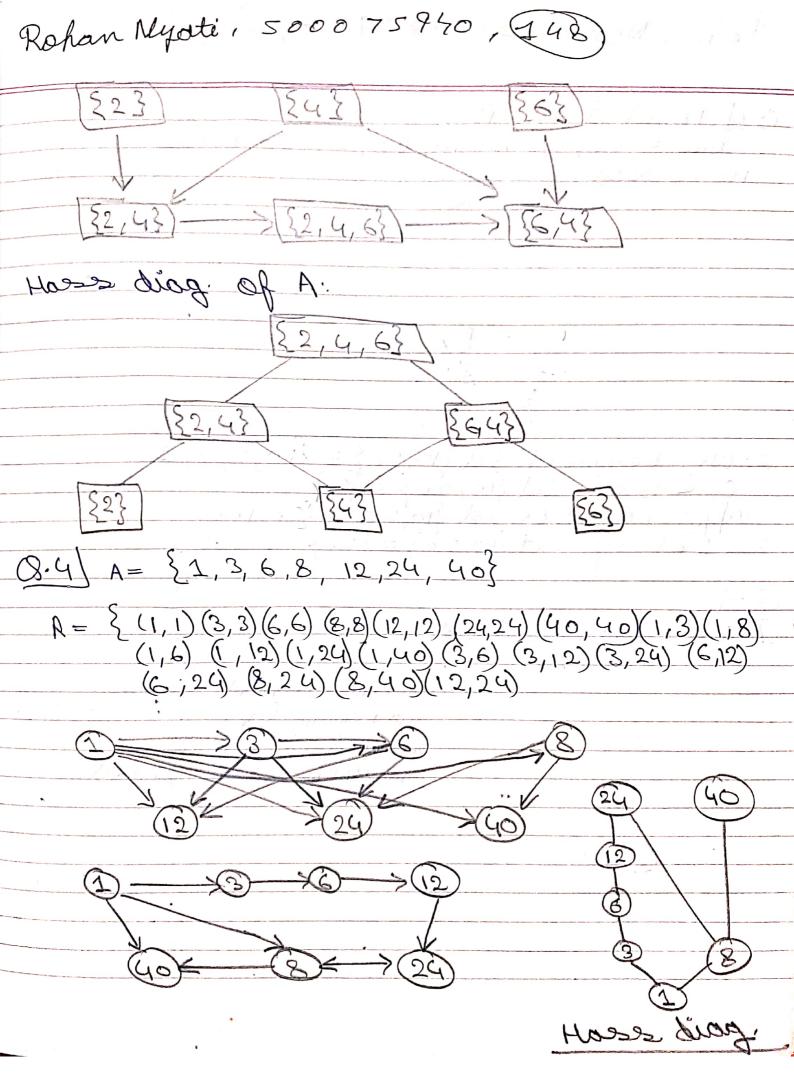
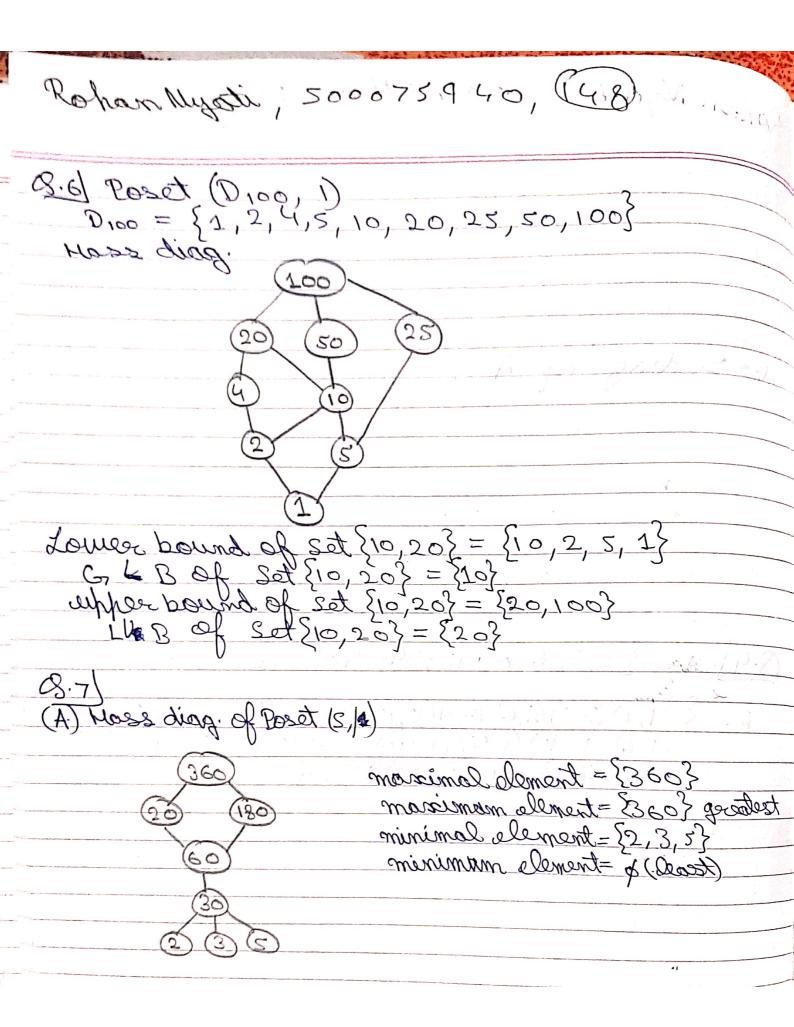
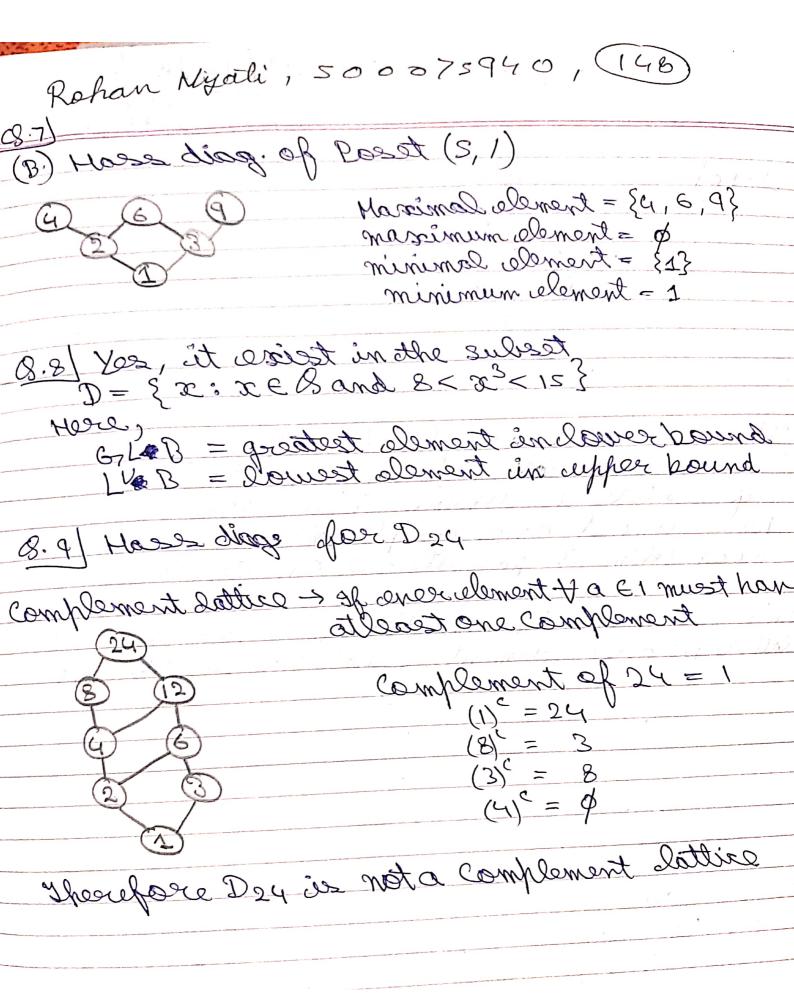
RohanNyati, 5000 75940, R177219148, Batch-5 (AIGHI)
Moths Assignment - 4
ljiven set s = {a,b,C}
Power set P(s) of set s will be;
(3.1)  Cliven Set $S = \{a, b, C\}$ Power set $P(s)$ of set $S$ will be; $P(s) = \{\phi, \{a\}, \{b\}, \{c\}, \{a, b\}, \{b, c\}, \{a, c\}, \{a, b\}, \{b\}, \{a\}, \{a\}, \{a\}, \{a\}, \{a\}, \{a\}, \{a\}, \{a$
Relation C:
$\Rightarrow [(\{a\}, \{a,b\}), (\{b\}, \{a,b\}), (\{b\}, \{a,c\}), (\{b\}, \{a,c\}), (\{b\}, \{a,b,c\}), ($
({a3, {a,b,c}), ({b}, {b,c}), ({b}, {a,b,c}),
(\(\frac{1}{2}\), \(\frac{1}{2}\), \(\frac{1}\), \(\frac{1}{2}\), \(\frac{1}{2}\), \(\frac{1}{2}\), \(
(20,66,20,6,66), (80,66,50,66), (26,66), (26,66,66)
({a}, b2, {a}), ({b}, {b}), ({cb}, {b}), ({cc}, {cc}), ({a, b2, {a, b}})
( \( \alpha \), \( \x \b \x \), \( \x \b \x
The relation above is reflexive i. I & a EA
(a,a) ER, anti-Symmetries + a, b E A(a,b) ER,
(b, a) ER, a= b and transitive i. l. + a, b e A (a, b) (b, c) ER then (a, c) ER. Therefore, it is a Postion proder relation as DES is a Power
Partial Order relation as P(S) is a Power
set of s.
8.2/ Lyiven:
$A = \{4, 5, 6, 7\}$
Rolation. > On n
$R = \{ \{ \{ \{ \{ \{ \} \} \} \} \} \} \} \{ \{ \{ \{ \{ \} \} \} \} \} \} \{ \{ \{ \{ \{ \} \} \} \} \} \} \}$
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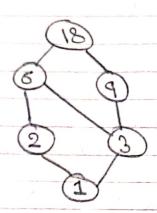






Rofan Nyati 500075940 R177219148

08.10



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Stromplyman on san 3 transle series of complements.