β . $A = \phi$ B= 107 C= 98033 4. A= Ø B= [\$] C= [\$, 9\$] 7. (1) \$\$, a, {a}, {a, {a}}, {a, {a}}} (2) 90, 91, 12773 (3) {ø, a, 9b}, {ø, a }, {ø, sbi}, {a, sbi}, \$ø, a. sbi}] (4) {<a, u>, <b, a>, <<a>, <a, b>, <<b, >>, <<a>, <) (5) = 90,9013 x 90,9033 = {<\psi, \phi, <\pri, <\pri, \phi, \ 8. $P(\phi) = \{\phi\} \quad P(\{\phi\}) = \{\phi, \{\phi\}\}$ (1) Ø EB. Ø CB

(2) {\$ \$ EB. \$ \$ \$ EB

(3) [1 \$] EB. [[\$] C B

1). (1)
$$\phi \cap \{\phi\} = \phi$$

(2) $\{\phi, \{\phi\}\} - \phi = \{\phi, \{\phi\}\}\}$
(3) $\{\phi, \{\phi\}\} - \{\phi\} = \{\beta\}\}$
(4) $\{\phi, \{\phi\}\} - \{\beta\}\} = \{\phi\}$
(2) $\{A \cap B\} \cup C$
= $\{1\} \cup \{1, 3, 5\}$
= $\{1, 3, 5\}$
(5) $P(A) - P(B)$
= $\{\phi, \{1\}, \{1, 4\}\} - \{\phi, \{1\}, \{2\}, \{5\}\}, \{1, 2\}, \{1, 2\}, \{1, 2\}\}$
(5) $P(\phi) = \{\phi\}$
 $P(\phi) = \{\phi\}, \{\phi\}, \{\{\phi\}\}, \{\{\phi\}\}\}$
PPP(ϕ) = $\{\phi, \{\phi\}, \{\{\phi\}\}, \{\{\phi\}\}\}\}$
(1) $U \{PPP(\phi), P(\phi), P(\phi), \phi\}$
= $\{\phi, \{\phi\}, \{\{\phi\}\}, \{\{\phi\}\}\}\}$
(2) $O \cap \{PPP(\phi), P(\phi), P(\phi)\}$
= $\{\phi\}$

(1) $P(A) = \{ \phi, 95 \phi \} \}, \{ 9 \phi \} \}, \{ 9 \phi \},$ UPIA)= 1 5\$1.55\$17? (2) UA = { Ø, (Ø)} P(UA) = { \$, \$ \$ } , \$ \$ \$ 13. \$ \$, \$ \$ \$? } }