Name : _____

Union and Intersection of Sets

Mixed: S3

1) X = {p, q, r, s, t}, Y = {p, q, r, s, t, u, v}, and Z = {p, q, r, u, v, w}
Find the following.

i) X ∩ Y = _____

ii) Y U Z _____

iii) X U (Y U Z) _____

iv) (X ∩ Y) ∩ Z = _____

2) B = {Ma
D = {Au
Find th

i) C U D = _____

ii) B ∩ C _____

iii) B ∩ C U _____

iv) (B C) U _____

3) Q = {α, γ, δ, ζ, ω},
Find th follow

i) Q ∩ _____

ii) S U Q = _____

iii) (S U Q) ∩ R = _____

iv) S U (Q ∩ R) = _____

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