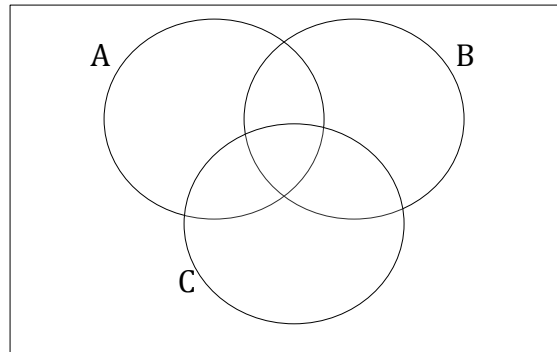


**Question 1 (CL01, C2)**

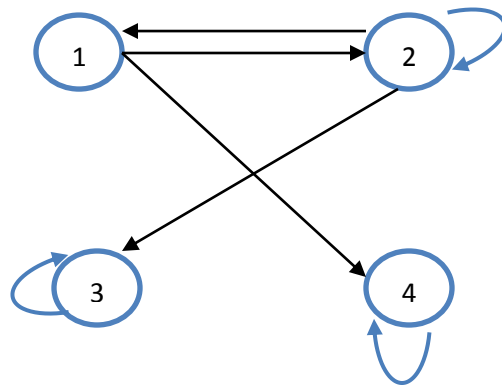
Shade in the set  $(A \cup B') \cap (C \cap A')$

[3 marks]



**Question 2 (CL01, C2)**

The following digraph shows the relation  $R$  on a set  $\{3, 4, 5, 6\}$ .



(a) Write the ordered pairs of relation  $R$ .

[3 marks]

(b) Is the  $R$  an equivalence relation or not?

[4 marks]