

2022年度 人工知能基礎 期末試験 解答用紙 ( /100)

クラス:

学籍番号:

氏名:

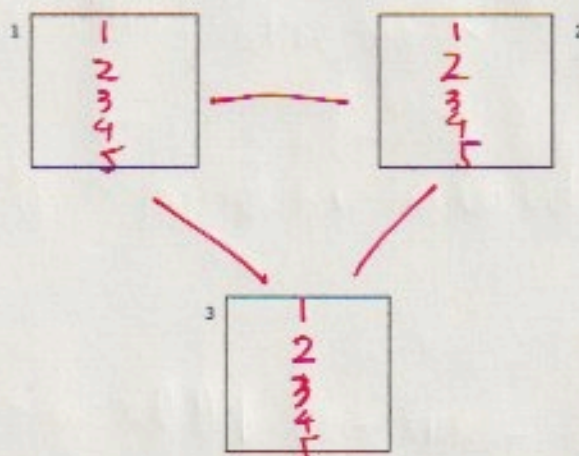
問 1-1 ☒ 問 1-2 ☐ 問 1-3 ☐ 問 1-4 ☐ 問 1-5 ☒  
 問 1-6 ☒ 問 1-7 ☐ 問 1-8 ☐ 問 1-9 ☒ 問 1-10 ☐



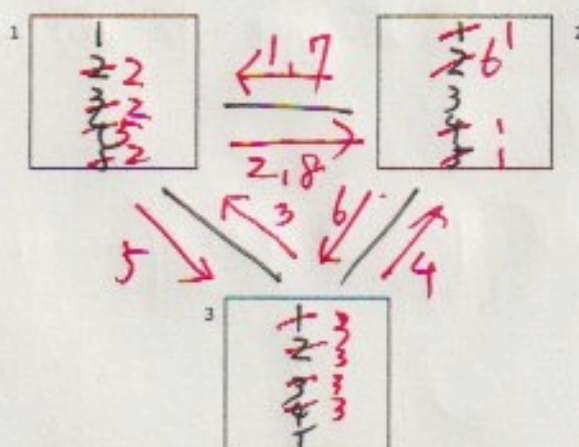
B, R

問 2  $\alpha$  カット: (k, g, r)  
 $\beta$  カット:  
 $a$  の値: 9 (j, n, o)

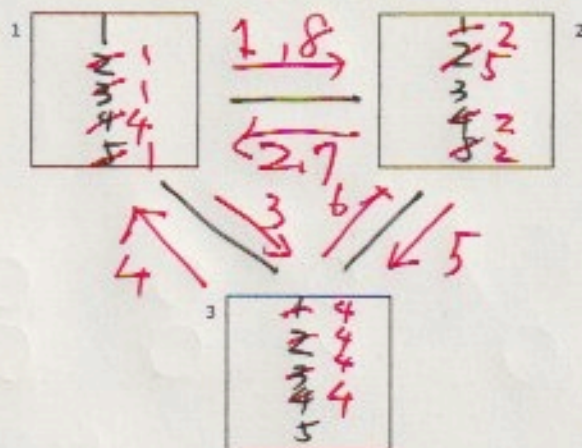
問 3-1



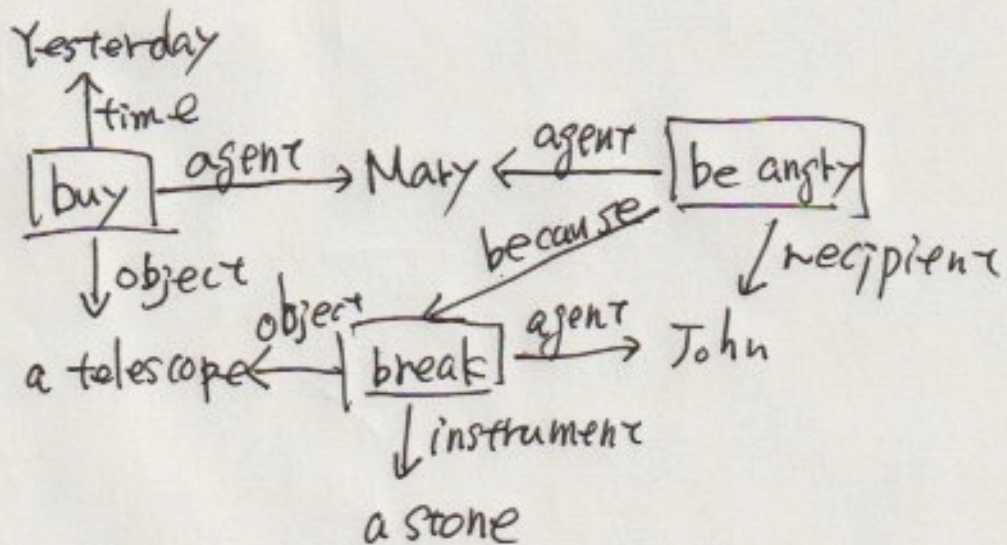
問 3-2



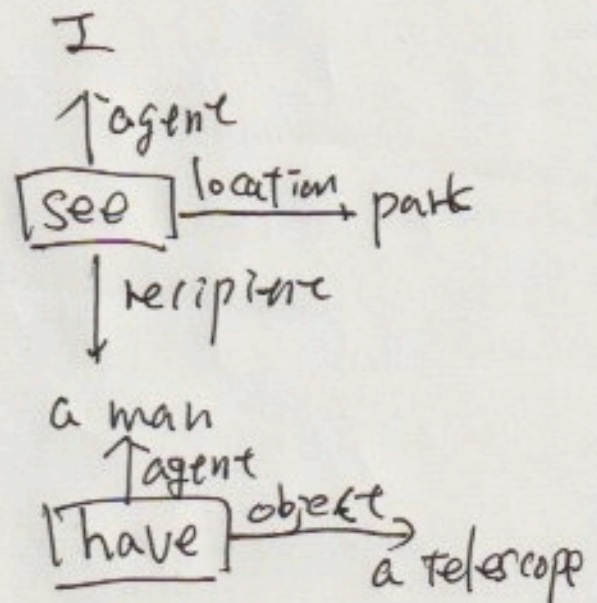
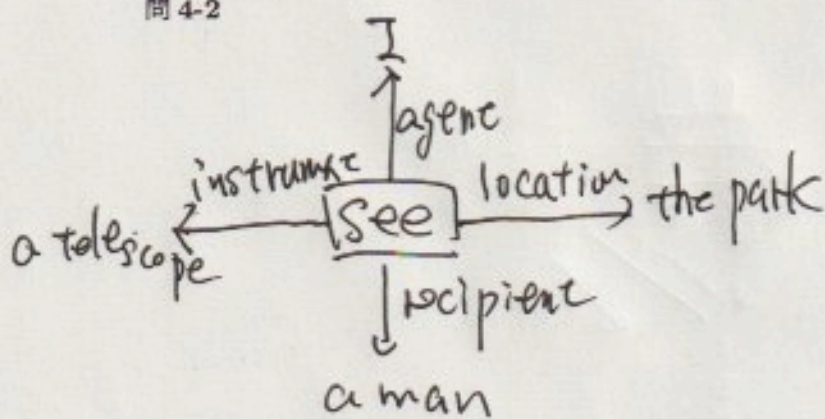
問 3-3



問 4-1



問 4-2





問 5-1 (P stop-on-red)

(situation  $\wedge$  location roadP  $\wedge$  signal red)  
(car  $\wedge$  operation forward)

→ (modify 2  $\wedge$  operation stop))

問 5-2 7°D7°72 ⇒ 規則: go-into-cross

WM

8: (situation location roadR  $\wedge$  signal blue  
 $\wedge$  oncoming-car none)

10: (car  $\wedge$  operation forward  $\wedge$  direction  
straight)

問 5-3

7°D7°72 ⇒ 規則: go-into-cross

WM

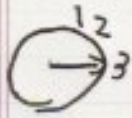
~~WM~~<sub>4</sub>: (situation  $\wedge$  location crossQ  $\wedge$  signal blue  
 $\wedge$  oncoming-car yes)

8: (car  $\wedge$  operation stop  $\wedge$  direction right)



5-2 WM 1: (situation  $\wedge$  location road P  $\wedge$  signal blue  
 $\wedge$  oncoming-car none)

2: (car  $\wedge$  operation forward  $\wedge$  direction straight)

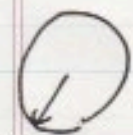


go-into-cross

WM 4: (situation  $\wedge$  location cross Q  $\wedge$  signal blue  
 $\wedge$  oncoming-car none)

2: (car  $\wedge$  operation forward  $\wedge$  direction straight)  
head-right

4: (situation  $\wedge$  location cross Q  $\wedge$  signal blue  
 $\wedge$  oncoming-car none)



6: (car  $\wedge$  operation forward  $\wedge$  direction right)  
turn-right

8: (situation  $\wedge$  location road R  $\wedge$  signal blue  
 $\wedge$  oncoming-car none)

10: (car  $\wedge$  operation forward  $\wedge$  direction straight)