

Name:

ID:.....

Section: 1 (2:30pm) 2 (1:30pm)

1. (a) F_k (5) _____

(b) F_k (5) _____

(c) F_{2k} (5) _____

...../15

2. (a) g, h (5) _____

(b) G, H (5) _____

(c) F (5) _____

(d) F (butterfly) (5) _____

...../20

3. Identity

...../10

4. train / bird

...../10

5. Image compression

...../20

Total: (75) _____