

## Exam 2

Tuesday, May 18, 2021 9:41 AM

$$1.) R = 36 + 8 + 9 + 11 = 64 \text{ bytes}$$

$$2.) V = 8 \text{ bytes} \quad (D_{\text{number}})$$

$$3.) bfr = \lfloor (B/R) \rfloor = \lfloor \frac{1024}{64} \rfloor = 16 \text{ records per block}$$

$$4.) b = \lceil r/bfr \rceil = \lceil \frac{32000}{16} \rceil = 2000 \text{ blocks}$$