

ENGINEERING DEPT. Mano, Kime, Martin 5th

NAME

| VINU | RDT | COURSE <i>EG</i> | R 204 | SUBJECT | PS #A ₁₆ | PAGE 1 OF 1 | DATE 10/10/2019 |
|------|--|------------------|-------|---------|---------------------|-------------|-----------------|
| 3-92 | Use BCD addition in a two-stage process as demonstrated in class to perform the following decimal additions problems in 16-bit packed BCD words. If overflow occurs, write down the resulting 16-bit sum and follow that with the annotation, "overflow." | | | | | | |
| | (a) | 6492 + 105 | | | | | |
| | (b) | 6492 + 115 | | | | | |
| | (c) | 6492 + 185 | | | | | |
| | (d) | 6492 + 4693 | | | | | |
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