STUDENT NAME Nouraldin Hassan  
  
STUDENT NUMBER 041054019 LAB SECTION 300/301

For the following arithmetic expressions, predict what the value will be in the identified fields. Highlight your answer in **bold.**

Use the initial values noted with the picture clause for each of the arithmetic statements.

05 FLD-1 PIC 9(3) VALUE 145.

05 FLD-2 PIC 9(3) VALUE 222.

05 FLD-3 PIC 9(2) VALUE 10.

05 FLD-4 PIC 9(3) VALUE 21.

05 FLD-5 PIC 9(2) VALUE 33.

05 FLD-6 PIC 9(4) VALUE 1111.

1. MULTIPLY FLD-1 BY FLD-3 GIVING FLD-2 .

Result in FLD-2 will be

**(a) 450**

(b) 230

(c) 23

(d) 130

(e) 1230

2. DIVIDE FLD-5 BY FLD-3 GIVING FLD-6 ROUNDED.

Result in FLD-6 will be

(a) 123

(b) 0022

(c) 022

(d) 22

**(e) 0003**

3. ADD FLD-6 FLD-4 TO FLD-3.

Result in FLD-4 will be

(a) 1221

(b) 221

(c) 123

**(d) 021**

(e) 100

4. SUBTRACT FLD-4 FLD-2 FLD-1 FROM FLD-5

Result in FLD-1 will be

(a) 22

**(b) 145**

(c) 78

(d) 155

(e) 123

5. COMPUTE FLD-5 ROUNDED = (FLD-2 + FLD-4) / 3

Result in FLD-5 will be

(a) 1073

**(b) 81**

(c) 73

(d) 07

(e) 731

6 SUBTRACT FLD-3 FLD-4 FLD-5 FROM FLD-2

Result in FLD-2 will be

(a) 132

**(b) 158**

(c) 222

(d) 1111

(e) 090   
  
In the following table a MOVE is made from the Sending Field to the Receiving Field. Identify whether the result in the Receiving Field Value is correct (answer **C** in the Answer column) or incorrect (answer **INC** in the Answer column).   
Blanks are coded as a lower case **b**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | SENDING FIELD | SENDING FIELD VALUE | RECEIVING FIELD | RECEIVING FIELD VALUE | answer |
| 7 | PIC 9(3)V99 | 123 | PIC 9(3)V99 | 123 | C |
| 8 | PIC S9(6) | 123456 positive | PIC 999999.99+ | 123456+ | **C** |
| 9 | PIC 9(3)V99 | 12345 positive | PIC 999.99- | 123.45+ | INC |
| 10 | PIC S9(3)V99 | 12345 positive | PIC 999.99- | 123.45b | INC |
| 11 | PIC S9(5)V99 | 1234567 negative | PIC 99,999.99+ | 12,345.67- | **INC** |
| 12 | PIC 9(5)V99 | 1234567 positive | PIC 99,999.99+ | 12,345.67b | **INC** |
| 13 | PIC S9(5)V99 | 1234567 positive | PIC 99,999.99DB | 12,345.67DB | INC |
| 14 | PIC S9(5)V99 | 1234567 negative | PIC 99,999.99DB | 12,345.67DB | INC |