**ANSWERS#02 A:**

CNIC:42101-1789157-4

DATA:

LOC=91574

AP=421011

LBR=60,000$

SOLUTION:

Cost per line = LBR/Average Productivity

=60,000/421011

=0.142$/LOC

Total estimation project cost= cost per line\*estimated line of code

=91574\*0.142

=13049..295$

Estimated line of code = Total estimation project cost/ labor rate

= 13049..295/ 60,000

= 0.2174person-month

DATA:

Fp=91574

AP= 421011

LBR=60,000$

SOLUTION:

Cost per FB= LBR/Average Productivity

=60,000/421011

=0.142

Total estimation project cost= cost per line\*estimated line of code

=91574\*0.142

=13049..295$

Estimated line of code = Total estimation project cost/ labor rate

= 13049..295/ 60,000

= 0.2174person-month

**ANSWERS#02 B:**

CNIC: 42101-1789157-4

DATA:

Risk probability = 74% = 74/100 = 0.740

Risk impact = 50% \* 8000/100 = 4000

=8000-4000

= 4000

Avg component = 250 loc

Cost of each line of code = 2101 Saudi riyal

Total cost = 2101 \* 250 \* 4000

Total cost= 2101000,000 Saudi riyal

CNIC= 42010-8106300-7

DATA:

Risk probability = 07% = 07/100 = 0.07

Risk impact = 50% \* 8000/100 = 4000

=8000-4000

= 4000

Avg component = 250 loc

Cost of each line of code = 2101 Saudi riyal

Total cost = 2101 \* 250 \* 4000

Total cost= 2101000000 Saudi riyal

SOLUTION

Risk exposure = p\*c

Risk exposure = 0.07 \*2101000000 Saudi riyal

Risk exposure = 147070000 Saudi riyal