## Технологично Училище Електронни Системи

## **Технология на програмирането Тест побитови операции**

## Вариянт №2

a=?	b=?
int orig = 1f31	int orig = 1f31
int insert = 25f6	int insert = 25f6
int a = orig   (insert << 2)	$int a = orig \mid (insert << 8)$
AND=?	OR=?
int orig = 1f31	int orig = 1f31
int insert = 25f6	int insert = 25f6
$a = orig \mid (insert << 2)$	$int a = orig \mid (insert << 7)$
$int b = orig \mid (insert << 8)$	$int b = orig \mid (insert << 7)$
int AND = a & b;	int OR = a & b;
OR=?	
int orig = 1f31	left=?
int insert = 25f6	int i=1f31
$a = \text{orig} \mid (\text{insert} << 7)$	int left= 1f31   (1 << 2);
$\int \int $	
$int XOR = a ^ b;$	
result=?	result=?
long value1=eb8ec8e8	int value1=904
long value2=64833a40	int value2=813
int result=(value1 << 3)^(value2 << 8)	int result=(value1 << 3)^(value2 << 8)
a=?	a=? result=?
long testValue=eb8ec8e8	long testValue=eb8ec8e8
int a=0	int a=0
if (testValue & (1 << 8))	int result=0
	if((result=testValue & testValue ^ testValue   (1 << 8)))
{   a=1	{
3	a=1
else	}
{  {	else
$\begin{vmatrix} 1 \\ a=2 \end{vmatrix}$	{
1	a=2
,	}
result=?	result=?
int value1=148	int value1=617
int value2=165	int value2=3356
$  int result = (value1 << 7)^{(value2 << 2)}$	int result =(value1 << 7)^(value2 << 2)