

0

1031

2022

D.A a (A)B a ( a )  
 O a a :P 216 a 218  
 P :472-4168 E a : a @ . a  
 D.S E a  
 O a a :P 239 a 239a; JCC A207  
 P :472-4548 E a : a @ . a  
 l a a .

! "\$%&'()\*+ , "\$\$'+#- . / "%0#01 "#2&4252 '# / " (/ \* . # ( '# ) 1 ( . "#0-\$+006 ( '\$\*#0 "-60 (-7#01 "#8 '69"- . 607#.0\$'+.#  
 \$'+#01 "#: ( ' , 1 " " . # < . = 86 > \$\*0#\$'+# !?: @A<B#/" (/ \* . # ) 1 ( . "#16.0 (-6%\$#- "\$\$06 ( ' . 16 / . # ) 601#01 "#\*\$'+#  
 % ( '06 '8 "#06#C+5W . 5- ! +5\$\*E , +F8 ! 85F+ '#50854 ! \$# ' ! 8F8 'S #4<8' ! 08

#

BIOC 404



1 . ( 20)

M a l a :T a a P a a A  
 1. P a a ( 3.5 )

- R a
- R a
- M a

2. D a a - a a . ( 6.5 )

- O - a a .
- W a a a a a a ?
- O .

2 - . ( 2 )

1. A a  
T  
P

a a ( 1.5 )  
.



(1) Ga a , a a / a a .A : a a  
 a , a a a a .

(2) 0 - : a a D.B a B a .  
 • B a A 1 O S .12; S .26 15%  
 A 2 O O .200 , (V a) (a) a )E%, F ( ) ,%, (, ) ,LR:OA ) A



5. C a a , a , a a , a , a  
6. S a a a a .l a a a  
a a , a , a a .A a ,  
a 48 a a BCMB ( @ . a ) a  
a .T D a a a .l