

همراه شما  
در مسیر یوس

# نمونه سوال یوس

## دانشگاه چنانکاله



**Canakkale University**

INTERNATIONAL STUDENTS' EXAM

**uniland.ir**

۰۲۱۹۱۳۰۵۹۰۶

uniland\_yos

A

**4**

$$\frac{0, \bar{3} + 0,3}{0, \bar{3} - 0,3} = ?$$

- a) 19    b) 17    c) 13    d) 11    e) 7

**6**

$$n! = 1.2.3.4. .... (n-1).n$$

$$\frac{5! - 4!}{5! + 4!} = ?$$

- a)  $\frac{1}{3}$     b)  $\frac{2}{3}$     c) 1    d)  $1\frac{1}{3}$     e)  $1\frac{2}{3}$

**5**

$$\begin{aligned} m+n &= 5 \\ e - o &= 2 \\ m.e - m.o + n.e - n.o &=? \end{aligned}$$

- a) 5    b) 10    c) 15    d) 20    e) 25

Sonraki sayfaya geçiniz.

**13**

$$2^x = a$$

$$3^x = b$$

$$48^x = ?$$

- a) ab    b)  $a^2b$     c)  $a^3b^2$     d)  $a^4b$     e)  $ab^3$

**15**

$$\begin{cases} 2^a = 81 \\ 3^b = 32 \end{cases} \quad a.b = ?$$

- a) 20    b) 18    c) 16    d) 14    e) 12

**14** f, karmaşık sayılar kümesinde tanımlı bir foksiyon olmak üzere,

$$f(z) = \sum_{k=1}^{101} z^{k-1} \quad \text{ise} \quad f(i) = ?$$

If a function on a set of complex numbers,

$$\text{If } f(z) = \sum_{k=1}^{101} z^{k-1} \rightarrow f(i) = ?$$

- a) 1    b) i    c) -i    d) -1    e) i+1

Sonraki sayfaya geçiniz.

**25**

$$\int_0^3 x^2 - 2x + 5 = ?$$

- a) 12    b) 13    c) 14    d) 15    e) 16

**27**

$$\int \frac{1}{x+2} + \frac{1}{x+3} dx = ?$$

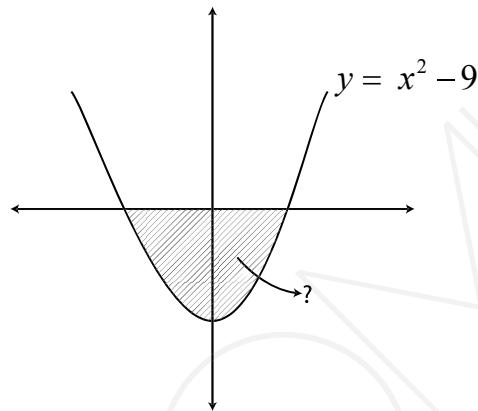
a)  $\ln|x^2 + 5x + 6| + c$

b)  $\ln|x^2 + 2x + 3| + c$

c)  $\frac{1}{6} \ln|x^2 + 5x| + c$

d)  $x^2 + 6x + c$

e)  $\frac{x+2}{x+3}$

**26**

- a) 24    b) 36    c) 48    d) 60    e) 72

**28**

$$\log_a(a \cdot b) = 3 \rightarrow \log_{a \cdot b} b = ?$$

- a)  $\frac{1}{3}$     b)  $\frac{2}{3}$     c) 1    d)  $\frac{3}{2}$     e)  $\frac{5}{3}$

**30**

$$y = (2x+5)^3$$

$$\frac{d^3 y}{dx^3} = ?$$

- a)  $2x+5$     b)  $4x+10$     c) 0    d) 24    e) 48

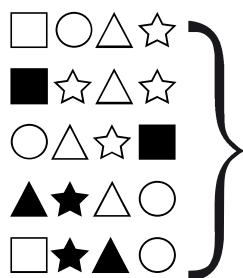
**29**

$$f(x) = (2x-3)^3 + 4\sqrt{x} - 3$$

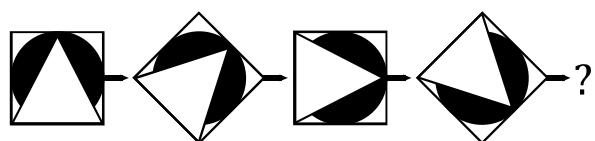
$$f'(4) = ?$$

- a) 73    b) 74    c) 149    d) 150    e) 151

A

**50**1278      3127      3951  
5921      8727 $\square \star \blacktriangle \circ = ?$ 

- a) 1278   b) 3127   c) 3951   d) 5921   e) 8727

**52**

- a)   
 b)   
 c)   
 d)   
 e)

**51**

$$\begin{array}{c} \bullet \triangle = \square \square \square \\ \triangle \triangle = \bullet \square \square \bullet \\ \bullet \square \triangle = ? \end{array}$$

- a)   
 b)   
 c)   
 d)   
 e)

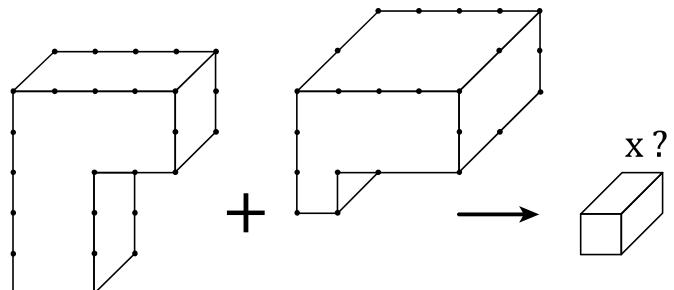
**53**

DOR	EMİ	?	OLL	ASİ
-----	-----	---	-----	-----

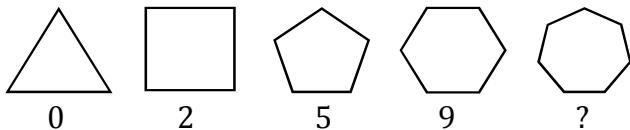
- a) SFA   b) FAS   c) SAF   d) AFS   e) FSA

Sonraki sayfaya geçiniz.

A

**69**

- a) 21    b) 23    c) 25    d) 27    e) 29

**71**

- a) 14    b) 15    c) 16    d) 17    e) 18

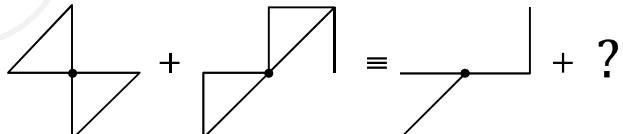
**70**

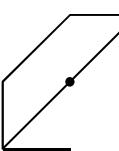
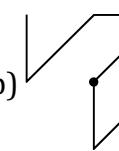
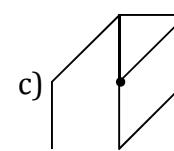
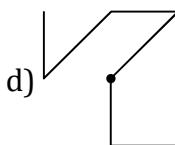
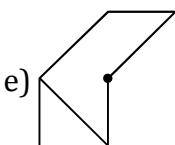
■	5	7	6
4		A	
3		59	
5	B		62

Yukarıdaki tabloda ■ işleminin kuralı verilmiştir.  
Buna göre  $A+B$  kaçtır?

According to rule ■ operation established in the table above, what is the value of  $A+B = ?$

- a) A    b) B    c) C    d) D    e) E

**72**

- a)     b)     c)   
 d)     e) 

Sonraki sayfaya geçiniz.

**77**

- I.  $5 \square 3 = 19$   
 II.  $8 \square 2 = 22$   
 III.  $10 \square 5 = 35$   
 IV.  $12 \square 7 = ?$

- a) 30    b) 35    c) 40    d) 45    e) 50

**79**

- I.  $345 \rightarrow 35$   
 II.  $822 \rightarrow 20$   
 III.  $434 \rightarrow 28$   
 IV.  $543 \rightarrow ?$

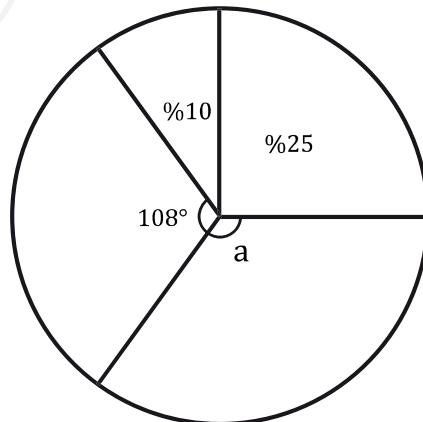
- a) 25    b) 27    c) 29    d) 31    e) 33

**78**

I.  $a \otimes b = \begin{cases} a^2 - b^2, & a \leq b \\ 2ab + 2, & a > b \end{cases}$

II.  $(-1) \otimes (2 \otimes 1) = ?$

- a) 27    b) 20    c) -9    d) -25    e) -35

**80**

$$a = ?$$

- a) 126    b) 136    c) 144    d) 152    e) 162