

Sınaq		15			
		Riyaziyyat			
1	C	11	C	21	C
2	E	12	A	22	C
3	A	13	B	23	96
4	C	14	B	24	7
5	E	15	E	25	3
6	C	16	D	26	360
7	D	17	B	27	1AE2C3B
8	A	18	A		
9	D	19	A		
10	A	20	D		

I qrup

Sual 28.

Həlli:

$$R = \sqrt{29^2 - 21^2} = 20$$

$$S = \pi \cdot 20 \cdot (20 + 29) = 980\pi$$

Sual 29.

Həlli:

$$512 = 2^9 \quad 1 + 2 + 2^2 + \dots + 2^9 = \frac{1(2^{10} - 1)}{2 - 1} = 1023$$

$$9 + 1 = 10 \quad 1023 : 10 = 102,3$$

Sual 30.

Həlli:

$$k + 5k = 180^\circ$$

$$k = 30^\circ; 5 \cdot 30^\circ = 150^\circ$$

$$(d_1 + d_2)^2 = d_1^2 + 2d_1d_2 + d_2^2 = 4a^2 + 4S =$$

$$= 4a^2 + 4a \cdot \frac{a}{2} = 6a^2$$

$$d_1 + d_2 = \sqrt{6}a$$

II qrup

Sual 28.

Həlli:

$$9,6 \cdot 100 : 20 = 48$$

$$48 : 3 = 16; 48 : 4 = 12; 48 : 12 = 4$$

$$16 + 12 - 4 = 24$$

Sual 29.

Həlli:

$$\frac{\pi}{10} = \frac{\pi}{10} \cdot \frac{180^\circ}{\pi} = 18^\circ$$

$$48 \cdot 18^\circ = 864^\circ$$

$$864^\circ : 360^\circ = 2 (144^\circ)$$

Sual 30.

Həlli:

$$9\pi = \frac{\pi R}{180^\circ} \cdot 18^\circ$$

$$R = 90$$

$$S = \frac{\pi \cdot 90^2}{360^\circ} \cdot 18^\circ = 405\pi$$