**9-sinf, Algebra. 6-nazorat ishi (Trigonometriya-1)**

1) Graduslarda ifodalangan burchakni radianda ifodalang: a) 2400 b) 3000

2) Radianda ifodalangan burchakni gradusda ifodalang: a) $\frac{3π}{5}$ b) $\frac{7π}{6}$

3) Radiusi 2 ga teng doiraviy sektor $\frac{π}{3}$ radian burchakka ega. Shu sektro yuzini toping.

4) ($\frac{\sqrt{2}}{2};\frac{\sqrt{2}}{2}$) nuqtani hosil qilish uchun P(1;0) nuqtani qanday burchakka burish kerak. Barcha shunday burchaklarni

 yozing.

5) Hisoblang: a) sin$\frac{2π}{3}$ b) 4sin$\frac{π}{4}+2ctg\frac{π}{4}-5tg\frac{π}{4}$

6) Agar α=300 bo’lsa, 2sin α-$\sqrt{3}$cos α ning qiymatini toping.

7) Tenglamani yeching: sin$\frac{2x}{3}=1$

8) Tenglamani yeching: cos(2x-$\frac{π}{4}$)=-1

9) Sonning ishorasini aniqlang: sin2340cos1230tg2120ctg3420

10) Sonlarni taqqoslang: cos5 va sin5

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