**Navoiy davlat pedagogika instituti Tabiiy fanlar fakulteti biologiya (sirtqi ta’lim) yo’nalishi uchun organik kimyo fanidan yakuniy nazorat savollari**

**1-variant**

1.To’yingan uglevodorodlarning fizik va kimyoviy xossalari

2. Organik kimyo laboratoriyasida ishlash qoidalari

3. Alkanning 4 litr miqdorini yondirish uchun 60 litr kislorod ishtirok etganda uning 10 litr miqdori ortib qolgan bolsa, alkan formulasida nechta uglerod atomi bor? **Tuzuvchi \_\_\_\_\_\_\_\_\_\_Ergashova R.T.**

**Kafedra mudiri \_\_\_\_\_\_\_\_\_\_Xamroyev K.Sh.**

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**2-variant**

1.Alkenlarning fizik va kimyoviy xossalari

2. Organik moddalarning o’ziga xos xususiyatlari

3. 0,1 mol alkanning to’liq yonishi uchun 56 l (n.shda)havo sarflandi.Ushbu alkanni aniqlang.Havo tarkibida kislorodning hajmiy ulushi 20%

**Tuzuvchi \_\_\_\_\_\_\_\_\_\_Ergashova R.T.**

**Kafedra mudiri \_\_\_\_\_\_\_\_\_\_Xamroyev K.Sh.**

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**Navoiy davlat pedagogika instituti Tabiiy fanlar fakulteti biologiya (sirtqi ta’lim) yo’nalishi uchun organik kimyo fanidan yakuniy nazorat savollari**

3-variant

1.Organik moddalarni tozalash usullari

2. Organik kimyo laboratoriyasida ishlatiladigan asbob va idishlar

3. Molekulasida 6 ta birlamchi C bo’lgan eng kichik alkanni molekulyar massasi necha?

**Tuzuvchi \_\_\_\_\_\_\_\_\_\_Ergashova R.T.**

**Kafedra mudiri \_\_\_\_\_\_\_\_\_\_Xamroyev K.Sh.**

**Navoiy davlat pedagogika instituti Tabiiy fanlar fakulteti biologiya (sirtqi ta’lim) yo’nalishi uchun organik kimyo fanidan yakuniy nazorat savollari**

**4-variant**

1.Organik birikmalarda kimyoviy bog’larning hosil bo’lishi

2. Neft va uni qayta ishlash

3. 100 ml alkan yondirilganda, 300 ml uglerod(IV) oksid hosil bo’lgan. Uning molekulyar formulasini aniqlang.

**Tuzuvchi \_\_\_\_\_\_\_\_\_\_Ergashova R.T.**

**Kafedra mudiri \_\_\_\_\_\_\_\_\_\_Xamroyev K.Sh.**

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**Navoiy davlat pedagogika instituti Tabiiy fanlar fakulteti biologiya (sirtqi ta’lim) yo’nalishi uchun organik kimyo fanidan yakuniy nazorat savollari**

 **5-variant**

1.Alkinlarning fizik va kimyoviy xossalari

2. To’yingan uglerod atomida elimirlanish reaksiyalari

3. xCO+5H2=CnH2n+2+xH2O reaksiya bo’yicha qanday alkan sintez qilish mumkin?

**Tuzuvchi \_\_\_\_\_\_\_\_\_\_Ergashova R.T.**

**Kafedra mudiri \_\_\_\_\_\_\_\_\_\_Xamroyev K.Sh.**

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**Navoiy davlat pedagogika instituti Tabiiy fanlar fakulteti biologiya (sirtqi ta’lim) yo’nalishi uchun organik kimyo fanidan yakuniy nazorat savollari**

**6-variant**

1.To’yinmagan uglevodorodlarning olinish turlari

2. To’yingan uglerod atomida nukleofil o’rin olish reaksiyalari

3. CxH22 tarkibida 33 ta sigma bog’ bo’lsa bu qaysi to’yinmagan uglevodorodlarga kiradi?

**Tuzuvchi \_\_\_\_\_\_\_\_\_\_Ergashova R.T.**

**Kafedra mudiri \_\_\_\_\_\_\_\_\_\_Xamroyev K.Sh.**

**Navoiy davlat pedagogika instituti Tabiiy fanlar fakulteti biologiya (sirtqi ta’lim) yo’nalishi uchun organik kimyo fanidan yakuniy nazorat savollari**

**7-variant**

1.Kokslash

2. Alkenning olinishi va ishlatilishi

3. CxH10 molekulasi tarkibidagi umumiy bog’lar soni 17 ta bo’lsa x ni qiymatini toping **Tuzuvchi \_\_\_\_\_\_\_\_\_\_Ergashova R.T.**

**Kafedra mudiri \_\_\_\_\_\_\_\_\_\_Xamroyev K.Sh.**

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**Navoiy davlat pedagogika instituti Tabiiy fanlar fakulteti biologiya (sirtqi ta’lim) yo’nalishi uchun organik kimyo fanidan yakuniy nazorat savollari**

**8-variant**

1. Alifatik qator uglevodorodlarining monogalogenli hosilalari
2. Uglevodorodlarning monogalogenli hosilalari
3. Alkinlarning olinishi va ishlatilishi

**Tuzuvchi \_\_\_\_\_\_\_\_\_\_Ergashova R.T.**

**Kafedra mudiri \_\_\_\_\_\_\_\_\_\_Xamroyev K.Sh.**

**Navoiy davlat pedagogika instituti Tabiiy fanlar fakulteti biologiya (sirtqi ta’lim) yo’nalishi uchun organik kimyo fanidan yakuniy nazorat savollari**

**9-variant**

1. Organik moddalarni tozalash
2. Alkinlarning olinishi va ishlatilishi
3. Alkanning 10 litr miqdorini yondirish uchun 145 litr kislorod ishtirok etganda uning 5 litr miqdori ortib qolgan bolsa, alkan formulasida nechta uglerod atomi bolgan?

**Tuzuvchi \_\_\_\_\_\_\_\_\_\_Ergashova R.T.**

**Kafedra mudiri \_\_\_\_\_\_\_\_\_\_Xamroyev K.Sh.**