“Kimyo va Kimyoviy texnologiya” kafedrasi

***“Polimerlar kimyosi va texnologiyasi”*** *fanidan yakuniy nazorat*

BILET №1

1. Polimerlar haqida tushuncha va polimerlarni sintez qilish.
2. Polivinil spirt xaqida tushuncha.

3. Polimerlar klassifikasiyasi.

***Tuzuvchi: Eminov Sh.O.***

***Kafedra mudiri: Raxmonov O.K.***

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“Kimyo va Kimyoviy texnologiya” kafedrasi

***“Polimerlar kimyosi va texnologiyasi”*** *fanidan yakuniy nazorat*

BILET №2

1. Polivinil spirt xossalari va ishlatilishi.
2. Polimerlanish.
3. Poliamidlarni olinishi poliamerizasiya. Poliamidlarni xossalari.

***Tuzuvchi: Eminov Sh.O.***

***Kafedra mudiri: Raxmonov O.K.***

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“Kimyo va Kimyoviy texnologiya” kafedrasi

***“Polimerlar kimyosi va texnologiyasi”*** *fanidan yakuniy nazorat*

BILET №3

1. Zanjirli polimerlanish. Radikal polimerlanish.
2. Poliefirlar xaqida tushuncha
3. Polikondensasiya reaksiyasi xaqida tushuncha.

***Tuzuvchi: Eminov Sh.O.***

***Kafedra mudiri: Raxmonov O.K.***

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“Kimyo va Kimyoviy texnologiya” kafedrasi

***“Polimerlar kimyosi va texnologiyasi”*** *fanidan yakuniy nazorat*

BILET №4

1. Geteropolikondensasiya. Gomonolikondensasiya.
2. Poliefirlarni xossalari, qo‘llanilishi.
3. Polietilen.Etilen olishi uchun xom ashyo.

***Tuzuvchi: Eminov Sh.O.***

***Kafedra mudiri: Raxmonov O.K.***

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“Kimyo va Kimyoviy texnologiya” kafedrasi

***“Polimerlar kimyosi va texnologiyasi”*** *fanidan yakuniy nazorat*

BILET №5

1. Polietilen xossalari. Polimerlanish mexanizmi.
2. Polipropilen olish.Xom ashyo, qo‘llanilishi.
3. Polivinil spirt xossalari va ishlatilishi.

***Tuzuvchi: Eminov Sh.O.***

***Kafedra mudiri: Raxmonov O.K.***

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“Kimyo va Kimyoviy texnologiya” kafedrasi

***“Polimerlar kimyosi va texnologiyasi”*** *fanidan yakuniy nazorat*

BILET №6

1. Poliakrilonitril.
2. Poliamidlar xaqida tushuncha.
3. Poliuretanlar xossalari va ishlatilishi.

***Tuzuvchi: Eminov Sh.O.***

***Kafedra mudiri: Raxmonov O.K.***

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“Kimyo va Kimyoviy texnologiya” kafedrasi

***“Polimerlar kimyosi va texnologiyasi”*** *fanidan yakuniy nazorat*

BILET №7

1. Oddiy poliefirlar
2. Polimerlar haqida tushuncha va polimerlarni sintez qilish.
3. Polikondensasiya reaksiyasi xaqida tushuncha.

***Tuzuvchi: Eminov Sh.O.***

***Kafedra mudiri: Raxmonov O.K.***

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“Kimyo va Kimyoviy texnologiya” kafedrasi

***“Polimerlar kimyosi va texnologiyasi”*** *fanidan yakuniy nazorat*

BILET №8

1. Murakkab poliefirlar
2. Polipropilen olish.Xom ashyo, qo‘llanilishi.
3. Tabiiy polimerlar.

***Tuzuvchi: Eminov Sh.O.***

***Kafedra mudiri: Raxmonov O.K.***

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“Kimyo va Kimyoviy texnologiya” kafedrasi

***“Polimerlar kimyosi va texnologiyasi”*** *fanidan yakuniy nazorat*

BILET №9

1. Polimerlarni ishlatilishiga ko‘ra turlanishi.
2. Polietilenning ishlab chikarish texnologiyasi.
3. Sintetik polimerlar.

***Tuzuvchi: Eminov Sh.O.***

***Kafedra mudiri: Raxmonov O.K.***

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“Kimyo va Kimyoviy texnologiya” kafedrasi

***“Polimerlar kimyosi va texnologiyasi”*** *fanidan yakuniy nazorat*

BILET №10

1. Oddiy va murakkab poliefirlar.
2. Zanjirli polimerlanish. Radikal polimerlanish.
3. Polikondensasiya reaksiyasi olib borish usullari.

***Tuzuvchi: Eminov Sh.O.***

***Kafedra mudiri: Raxmonov O.K.***

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“Kimyo va Kimyoviy texnologiya” kafedrasi

***“Polimerlar kimyosi va texnologiyasi”*** *fanidan yakuniy nazorat*

BILET №11

1. Geteropolikondensasiya. Gomonolikondensasiya.
2. Poliefirlarni sintez qilish.
3. Polimerlar klassifikasiyasi.

***Tuzuvchi: Eminov Sh.O.***

***Kafedra mudiri: Raxmonov O.K.***

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“Kimyo va Kimyoviy texnologiya” kafedrasi

***“Polimerlar kimyosi va texnologiyasi”*** *fanidan yakuniy nazorat*

BILET №12

1. Polikondensasiya reaksiyasi xaqida tushuncha.
2. Polivinilxlorid xaqida tushuncha va olinish usullari.
3. Past bosimli polietilen.

***Tuzuvchi: Eminov Sh.O.***

***Kafedra mudiri: Raxmonov O.K.***

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“Kimyo va Kimyoviy texnologiya” kafedrasi

***“Polimerlar kimyosi va texnologiyasi”*** *fanidan yakuniy nazorat*

BILET №13

1. Polimerlarning eritmalari.
2. Radikal polimerlanish tushunchalari.
3. Yuqori bosimli polietilen.

***Tuzuvchi: Eminov Sh.O.***

***Kafedra mudiri: Raxmonov O.K.***

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“Kimyo va Kimyoviy texnologiya” kafedrasi

***“Polimerlar kimyosi va texnologiyasi”*** *fanidan yakuniy nazorat*

BILET №14

1. Sopolimerlanish.
2. Akrilonitril olish uchun xom-ashyo.
3. Poliamid polimerlar.

***Tuzuvchi: Eminov Sh.O.***

***Kafedra mudiri: Raxmonov O.K.***

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“Kimyo va Kimyoviy texnologiya” kafedrasi

***“Polimerlar kimyosi va texnologiyasi”*** *fanidan yakuniy nazorat*

BILET №15

1. Polimerlarni shakliga qarab sinflanishi.
2. Polimerlarni kimyoviy modifikasiyalash.
3. Poliamidlarni ishlab chiqarish.

***Tuzuvchi: Eminov Sh.O.***

***Kafedra mudiri: Raxmonov O.K.***

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“Kimyo va Kimyoviy texnologiya” kafedrasi

***“Polimerlar kimyosi va texnologiyasi”*** *fanidan yakuniy nazorat*

BILET №16

1. Polimerlarni kelib chiqishiga ko‘ra sinflanishi.
2. Kationli polimerlanish.
3. Polipropilenni xossalari va ishlatilishi.

***Tuzuvchi: Eminov Sh.O.***

***Kafedra mudiri: Raxmonov O.K.***

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“Kimyo va Kimyoviy texnologiya” kafedrasi

***“Polimerlar kimyosi va texnologiyasi”*** *fanidan yakuniy nazorat*

BILET №17

1. Polimerlar zanjirlarni joylashish tabiatiga ko‘ra sinflanishi.
2. Poliamidlarni sintez qilish.
3. Polikarbonatlarning xossalari va ishlatilishi.

***Tuzuvchi: Eminov Sh.O.***

***Kafedra mudiri: Raxmonov O.K.***

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“Kimyo va Kimyoviy texnologiya” kafedrasi

***“Polimerlar kimyosi va texnologiyasi”*** *fanidan yakuniy nazorat*

BILET №18

1. Sintetik kauchuk olish.
2. Elastik ko‘pikli poliuretanlar.
3. Polimerlarni ishlab chiqarish istiqbollari.

***Tuzuvchi: Eminov Sh.O.***

***Kafedra mudiri: Raxmonov O.K.***

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“Kimyo va Kimyoviy texnologiya” kafedrasi

***“Polimerlar kimyosi va texnologiyasi”*** *fanidan yakuniy nazorat*

BILET №19

1. Polimerlarni sintez qilish.
2. Asosiy zanjir tuzilishiga ko‘ra sinflanishi.
3. Polimerlar asosida plastmassalar olish.

***Tuzuvchi: Eminov Sh.O.***

***Kafedra mudiri: Raxmonov O.K.***

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“Kimyo va Kimyoviy texnologiya” kafedrasi

***“Polimerlar kimyosi va texnologiyasi”*** *fanidan yakuniy nazorat*

BILET №20

1. Poliuretanlarni xossalari va ishlatilishi.
2. Poliefirlarni sintez qilish.
3. Syellyulozaning tuzilishi.

***Tuzuvchi: Eminov Sh.O.***

***Kafedra mudiri: Raxmonov O.K.***

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“Kimyo va Kimyoviy texnologiya” kafedrasi

***“Polimerlar kimyosi va texnologiyasi”*** *fanidan yakuniy nazorat*

BILET №21

1. Tabiiy va sintetik kauchuklarni ishlatilishi.
2. Poliarilatlar haqida tushuncha.
3. Syellyulozaning fizik kimyoviy xossalari.

***Tuzuvchi: Eminov Sh.O.***

***Kafedra mudiri: Raxmonov O.K.***

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“Kimyo va Kimyoviy texnologiya” kafedrasi

***“Polimerlar kimyosi va texnologiyasi”*** *fanidan yakuniy nazorat*

BILET №22

1. Ko‘pikli poliuretanlar.
2. Rezol oligomerlarini ishlab chiqarish.
3. Syellyulozaning efirlari.

***Tuzuvchi: Eminov Sh.O.***

***Kafedra mudiri: Raxmonov O.K.***

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“Kimyo va Kimyoviy texnologiya” kafedrasi

***“Polimerlar kimyosi va texnologiyasi”*** *fanidan yakuniy nazorat*

BILET №23

1. Etilen sopolimerlari.
2. Ionli yoki katalitik polimerlanish.
3. Polivinilasetat xossalari va olinishi.

***Tuzuvchi: Eminov Sh.O.***

***Kafedra mudiri: Raxmonov O.K.***

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“Kimyo va Kimyoviy texnologiya” kafedrasi

***“Polimerlar kimyosi va texnologiyasi”*** *fanidan yakuniy nazorat*

BILET №24

1. Polimerlarning eritmalari.
2. Sopolimerlanish.
3. O‘rtacha bosimda olinadigan polietilenlar.

***Tuzuvchi: Eminov Sh.O.***

***Kafedra mudiri: Raxmonov O.K.***

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