O‘ZBEKISTON RESPUBLIKASI
MAKTABGACHA VA MAKTAB TA’LIMI VAZIRLIGI
CHIRCHIQ DAVLAT PEDAGOGIKA UNIVERSITETI

“Tasdiqlayman”
“San’atshunoslik” fakulteti dekani
_____ X.E. Sultanov
“28” “09” 2026 yil

“San’atshunoslik” fakulteti

60111300 - “Dizayn interyer dizayn”
yo‘nalishi 2-bosqich kunduzgi

3-semestr

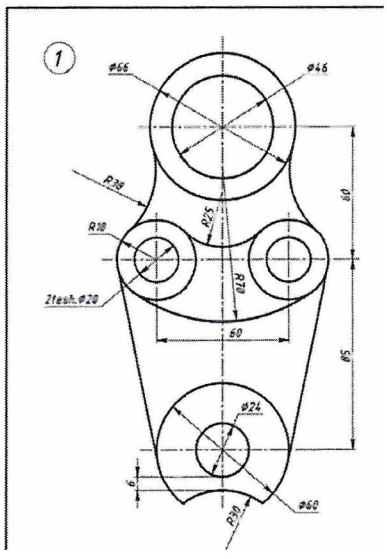
“**Chizma geometriya va muhandislik grafiksi**” fanidan yakuniy nazorat variantlari

Tuzuvchilar: B.I.Abdulazizov
I.O.Jumayev
Kafedra mudiri: B.B.Ko‘kiyev

San’atshunoslik fakultetining 2026 yil “28” 09 3 - sonli yig‘ilishida ko‘rib chiqildi va tasdiqlandi.

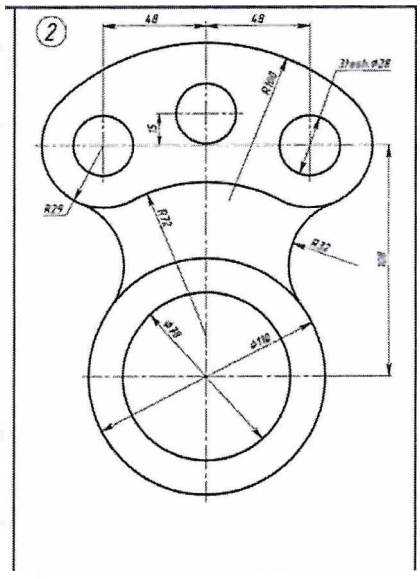
CHIRCHIQ – 2026

1-VARIANT



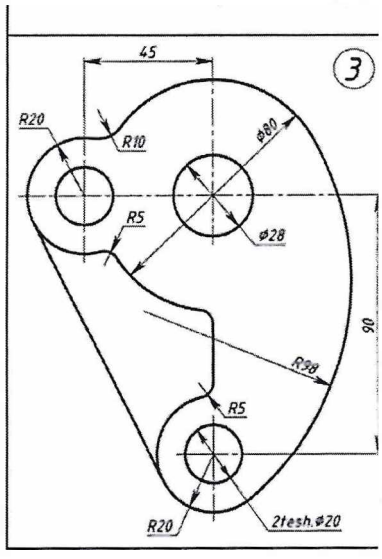
ISHLASH SHARTI: Chizmada berilgan detal konturini o'lchamlar va radiuslarni o'zgartirmasdan bajaring. Avval markaz va o'q chiziqlarini belgilang, so'ng tutashish markazlari hamda nuqtalarini aniqlab, chiziq va yoylarni silliq tutashtiring. O'lchamlar, chiziq turlari va chizma tozaligini tekshirib, standart talablariga muvofiq rasmiylashtiring.

2-VARIANT



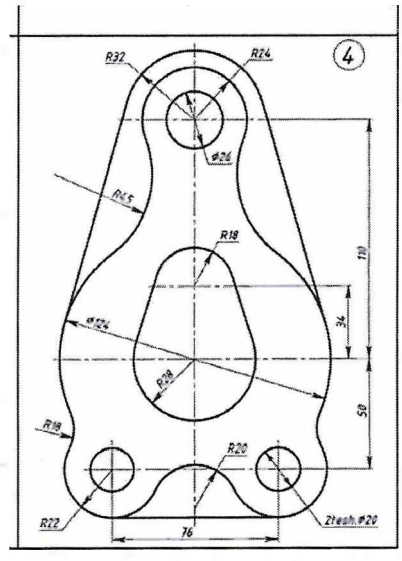
ISHLASH SHARTI: Chizmada berilgan detal konturini o'lchamlar va radiuslarni o'zgartirmasdan bajaring. Avval markaz va o'q chiziqlarini belgilang, so'ng tutashish markazlari hamda nuqtalarini aniqlab, chiziq va yoylarni silliq tutashtiring. O'lchamlar, chiziq turlari va chizma tozaligini tekshirib, standart talablariga muvofiq rasmiylashtiring.

3-VARIANT



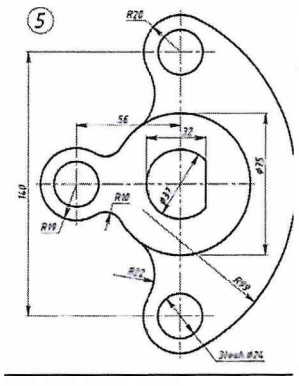
ISHLASH SHARTI: Chizmada berilgan detal konturini o'lchamlar va radiuslarni o'zgartirmasdan bajaring. Avval markaz va o'q chiziqlarini belgilang, so'ng tutashish markazlari hamda nuqtalarini aniqlab, chiziq va yoylarni silliq tutashtiring. O'lchamlar, chiziq turlari va chizma tozaligini tekshirib, standart talablariga muvofiq rasmiylashtiring.

4-VARIANT



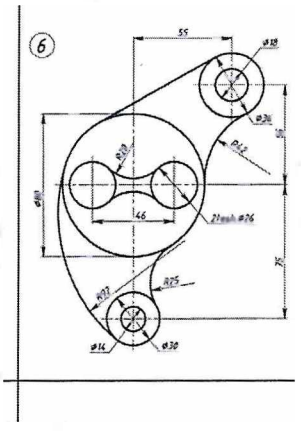
ISHLASH SHARTI: Chizmada berilgan detal konturini o'lchamlar va radiuslarni o'zgartirmasdan bajaring. Avval markaz va o'q chiziqlarini belgilang, so'ng tutashish markazlari hamda nuqtalarini aniqlab, chiziq va yoylarni silliq tutashtiring. O'lchamlar, chiziq turlari va chizma tozaligini tekshirib, standart talablariga muvofiq rasmiylashtiring.

5-VARIANT



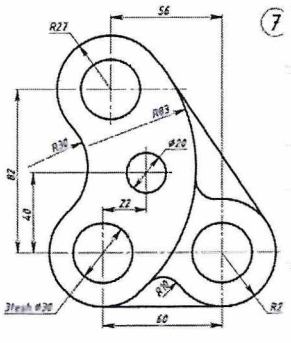
ISHLASH SHARTI: Chizmada berilgan detal konturini o'lchamlar va radiuslarni o'zgartirmasdan bajaring. Avval markaz va o'q chiziqlarini belgilang, so'ng tutashish markazlari hamda nuqtalarini aniqlab, chiziq va yoylarni silliq tutashtiring. O'lchamlar, chiziq turlari va chizma tozaligini tekshirib, standart talablariga muvofiq rasmiylashtiring.

6-VARIANT



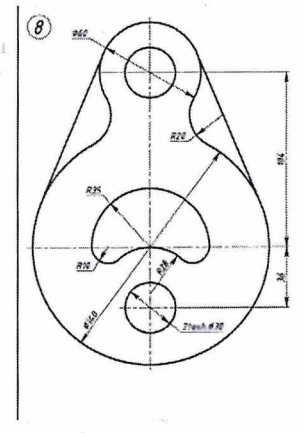
ISHLASH SHARTI: Chizmada berilgan detal konturini o'lchamlar va radiuslarni o'zgartirmasdan bajaring. Avval markaz va o'q chiziqlarini belgilang, so'ng tutashish markazlari hamda nuqtalarini aniqlab, chiziq va yoylarni silliq tutashtiring. O'lchamlar, chiziq turlari va chizma tozaligini tekshirib, standart talablariga muvofiq rasmiylashtiring.

7-VARIANT



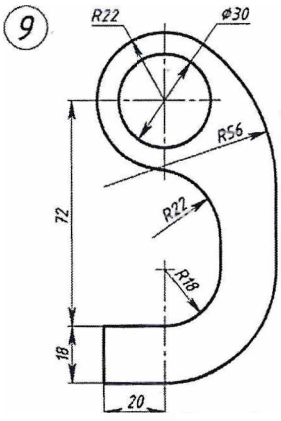
ISHLASH SHARTI: Chizmada berilgan detal konturini o'lchamlar va radiuslarni o'zgartirmasdan bajaring. Avval markaz va o'q chiziqlarini belgilang, so'ng tutashish markazlari hamda nuqtalarini aniqlab, chiziq va yoylarni silliq tutashtiring. O'lchamlar, chiziq turlari va chizma tozaligini tekshirib, standart talablariga muvofiq rasmiylashtiring.

8-VARIANT



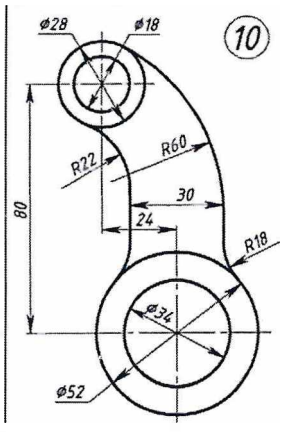
ISHLASH SHARTI: Chizmada berilgan detal konturini o'lchamlar va radiuslarni o'zgartirmasdan bajaring. Avval markaz va o'q chiziqlarini belgilang, so'ng tutashish markazlari hamda nuqtalarini aniqlab, chiziq va yoylarni silliq tutashtiring. O'lchamlar, chiziq turlari va chizma tozaligini tekshirib, standart talablariga muvofiq rasmiylashtiring.

9-VARIANT



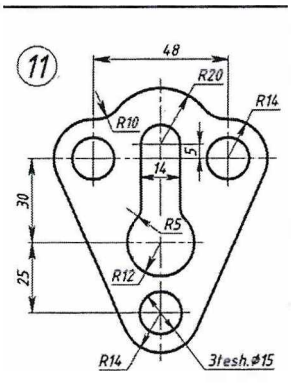
ISHLASH SHARTI: Chizmada berilgan detal konturini o'lchamlar va radiuslarni o'zgartirmasdan bajaring. Avval markaz va o'q chiziqlarini belgilang, so'ng tutashish markazlari hamda nuqtalarini aniqlab, chiziq va yoylarni silliq tutashtiring. O'lchamlar, chiziq turlari va chizma tozaligini tekshirib, standart talablariga muvofiq rasmiylashtiring.

10-VARIANT



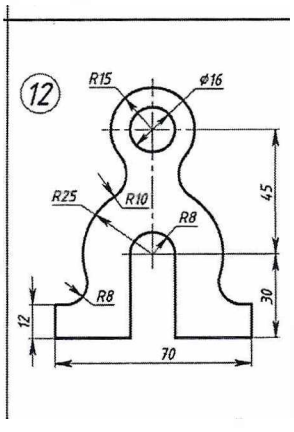
ISHLASH SHARTI: Chizmada berilgan detal konturini o'lchamlar va radiuslarni o'zgartirmasdan bajaring. Avval markaz va o'q chiziqlarini belgilang, so'ng tutashish markazlari hamda nuqtalarini aniqlab, chiziq va yoylarni silliq tutashtiring. O'lchamlar, chiziq turlari va chizma tozaligini tekshirib, standart talablariga muvofiq rasmiylashtiring.

11-VARIANT



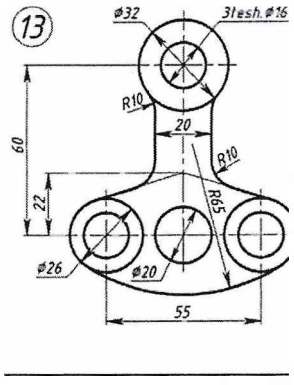
ISHLASH SHARTI: Chizmada berilgan detal konturini o'lchamlar va radiuslarni o'zgartirmasdan bajaring. Avval markaz va o'q chiziqlarini belgilang, so'ng tutashish markazlari hamda nuqtalarini aniqlab, chiziq va yoylarni silliq tutashtiring. O'lchamlar, chiziq turlari va chizma tozaligini tekshirib, standart talablariga muvofiq rasmiylashtiring.

12-VARIANT



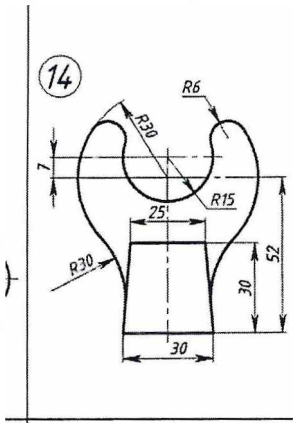
ISHLASH SHARTI: Chizmada berilgan detal konturini o'lchamlar va radiuslarni o'zgartirmasdan bajaring. Avval markaz va o'q chiziqlarini belgilang, so'ng tutashish markazlari hamda nuqtalarini aniqlab, chiziq va yoylarni silliq tutashtiring. O'lchamlar, chiziq turlari va chizma tozaligini tekshirib, standart talablariga muvofiq rasmiylashtiring.

13-VARIANT



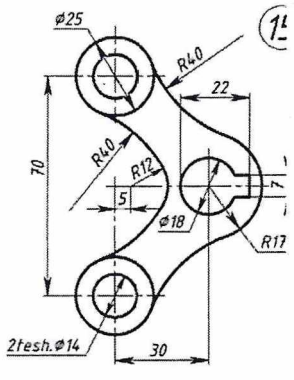
ISHLASH SHARTI: Chizmada berilgan detal konturini o'lchamlar va radiuslarni o'zgartirmasdan bajaring. Avval markaz va o'q chiziqlarini belgilang, so'ng tutashish markazlari hamda nuqtalarini aniqlab, chiziq va yoylarni silliq tutashtiring. O'lchamlar, chiziq turlari va chizma tozaligini tekshirib, standart talablariga muvofiq rasmiylashtiring.

14-VARIANT



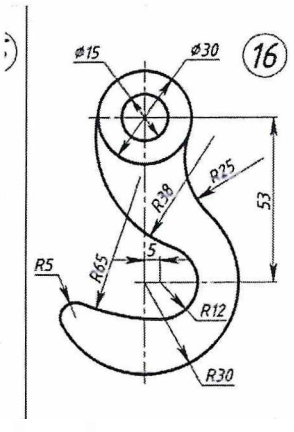
ISHLASH SHARTI: Chizmada berilgan detal konturini o'lchamlar va radiuslarni o'zgartirmasdan bajaring. Avval markaz va o'q chiziqlarini belgilang, so'ng tutashish markazlari hamda nuqtalarini aniqlab, chiziq va yoylarni silliq tutashtiring. O'lchamlar, chiziq turlari va chizma tozaligini tekshirib, standart talablariga muvofiq rasmiylashtiring.

15-VARIANT



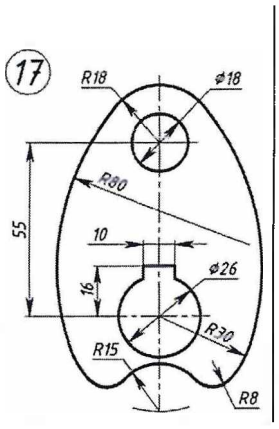
ISHLASH SHARTI: Chizmada berilgan detal konturini o'lchamlar va radiuslarni o'zgartirmasdan bajaring. Avval markaz va o'q chiziqlarini belgilang, so'ng tutashish markazlari hamda nuqtalarini aniqlab, chiziq va yoylarni silliq tutashtiring. O'lchamlar, chiziq turlari va chizma tozaligini tekshirib, standart talablariga muvofiq rasmiylashtiring.

16-VARIANT



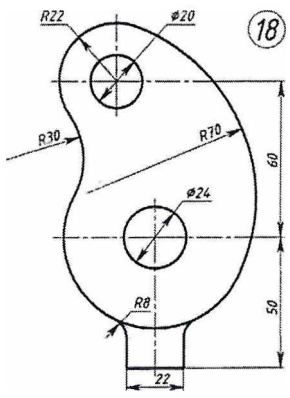
ISHLASH SHARTI: Chizmada berilgan detal konturini o'lchamlar va radiuslarni o'zgartirmasdan bajaring. Avval markaz va o'q chiziqlarini belgilang, so'ng tutashish markazlari hamda nuqtalarini aniqlab, chiziq va yoylarni silliq tutashtiring. O'lchamlar, chiziq turlari va chizma tozaligini tekshirib, standart talablariga muvofiq rasmiylashtiring.

17-VARIANT



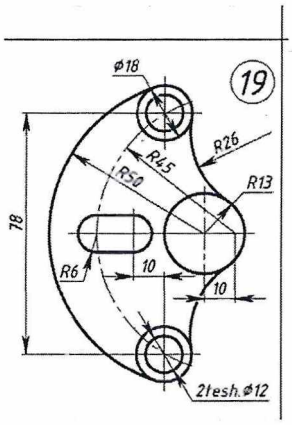
ISHLASH SHARTI: Chizmada berilgan detal konturini o'lchamlar va radiuslarni o'zgartirmasdan bajaring. Avval markaz va o'q chiziqlarini belgilang, so'ng tutashish markazlari hamda nuqtalarini aniqlab, chiziq va yoylarni silliq tutashtiring. O'lchamlar, chiziq turlari va chizma tozaligini tekshirib, standart talablariga muvofiq rasmiylashtiring.

18-VARIANT



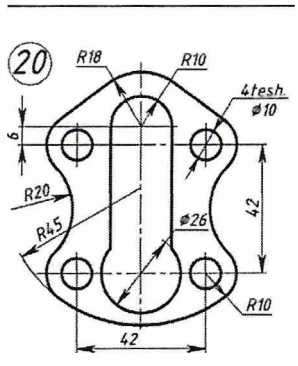
ISHLASH SHARTI: Chizmada berilgan detal konturini o'lchamlar va radiuslarni o'zgartirmasdan bajaring. Avval markaz va o'q chiziqlarini belgilang, so'ng tutashish markazlari hamda nuqtalarini aniqlab, chiziq va yoylarni silliq tutashtiring. O'lchamlar, chiziq turlari va chizma tozaligini tekshirib, standart talablariga muvofiq rasmiylashtiring.

19-VARIANT



ISHLASH SHARTI: Chizmada berilgan detal konturini o'lchamlar va radiuslarni o'zgartirmasdan bajaring. Avval markaz va o'q chiziqlarini belgilang, so'ng tutashish markazlari hamda nuqtalarini aniqlab, chiziq va yoylarni silliq tutashtiring. O'lchamlar, chiziq turlari va chizma tozaligini tekshirib, standart talablariga muvofiq rasmiylashtiring.

20-VARIANT



ISHLASH SHARTI: Chizmada berilgan detal konturini o'lchamlar va radiuslarni o'zgartirmasdan bajaring. Avval markaz va o'q chiziqlarini belgilang, so'ng tutashish markazlari hamda nuqtalarini aniqlab, chiziq va yoylarni silliq tutashtiring. O'lchamlar, chiziq turlari va chizma tozaligini tekshirib, standart talablariga muvofiq rasmiylashtiring.

Fan o‘qituvchilari  **B.I.Abdulazizov**

I.O.Jumayev