

**Mashinasozlik yo'nalishi bo'yicha Ya DAK imtihonlari uchun namunaviy topshiriq  
savollari**

1. Tokarniy mashinasi bilan diametri 20 quvurga 15 mm rezba oching.
2. Tokarniy mashinasi bilan diametri 50 quvurga 30 gradus faska oching.
3. Tokarniy mashinasi bilan diametri 20 quvurga 2 mm faska oching.
4. Tokarniy mashinasi bilan diametri 50 turbani 15 mm kesib oling.
5. Tokarniy mashinasi bilan diametric 20 prutokga markaz belgilang.
6. Tokarniy mashinasi bilan diametri 40 prutokga 20 mm parmalang.
7. Tokarniy mashinasi bilan diametri 35 prutokga 20mm ichki rezba oching.
8. Tokarniy mashinasi bilan diametri 38 prutokga 15 mm masofaga 2 mm paz oching.
9. Tokarniy mashinasi bilan diametri 40 prutokga ichki diametri 15 mm yo'ning.
10. Tokarniy mashinasi bilan diametri 40 prutokga 45 gradus ishlov bering.
11. Tokarniy mashinasi bilan diametri 35 prutokga 20 mm avtomatik ishlov bering.
12. Tokarniy mashinasi bilan diametri 10 prutokga 5 mm rezba oching.
13. Tokarniy mashinasi bilan diametri 20 prutokga ichki rezba oching.
14. Tokarniy mashinasining yog'lash tizimini tekshiring.
15. Tokarniy mashinasining knematik sxemasini tushuntirib bering.
16. Frezerniy mashinasining knematik sxemasini tushuntirib bering.
17. Frezerniy mashinasi bilan 20mm listni ustki yuzasini 2 mm ishlov bering.
18. Frezerniy mashinasi bilan 40mm plastinaga 15 mm fasofadan 20 mm paz oching.
19. Frezerniy mashinasi bilan metal plastinaga 15 mm parmalang.
20. Frezerniy mashinasi bilan 4 ta teshik xosil qilib zenkofkalang.
21. Frezerniy mashinasi bilan 15 mm ichki rezba oching.
22. Frezerniy mashinasi bilan aylana yuzalarga ishlov bering.
23. Frezerniy mashinasi bilan vertikal yuzaga ishlov berib ko'rsating.
24. Frezerniy mashinasi bilan garizantal yuzaga ishlov berib ko'rsating.
25. Frezerniy mashinasi o'qlarini tushuntirib bering.
26. Frezerniy mashinasi z o'qi boylab 15 mm tushuring.
27. Frezerniy mashinasini tezliklarni rostdashni ko'rsating.
28. Frezerniy mashinasi bilan sentr belgilang.
29. Frezerniy mashinasining turlari xaqida malumot bering.
30. Frezerniy mashinasi bilan qanday detallarga ishlov berib bo'lmaydi.

**Izoh:** Asosiy amaliy topshiriqlar, variantlar asosida keying betlarda ilova qilingan.

# Asosiy amaliy topshiriqlar to'plami

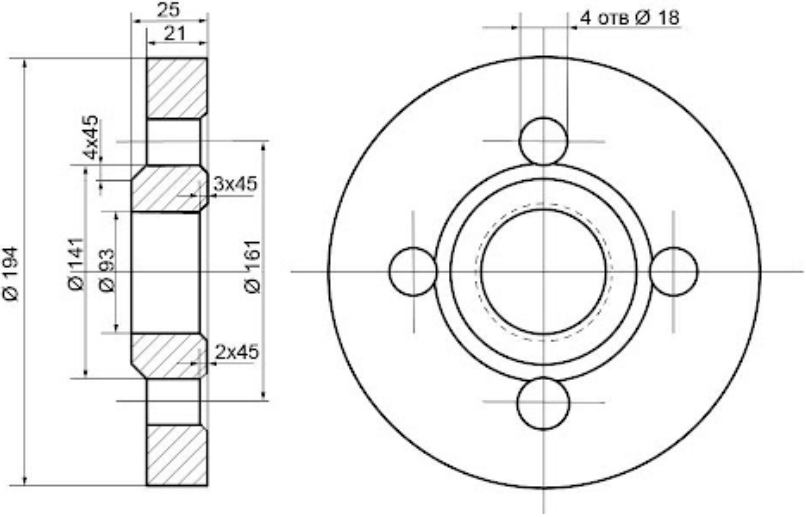
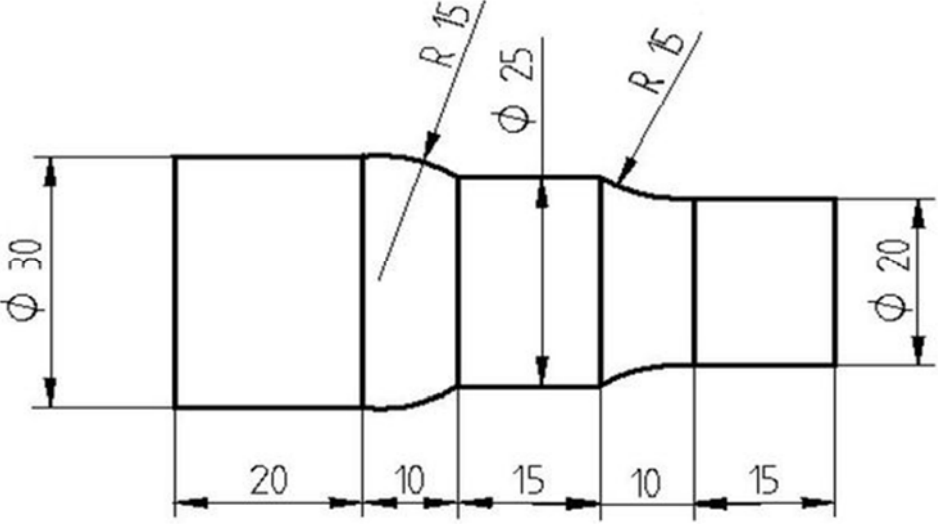
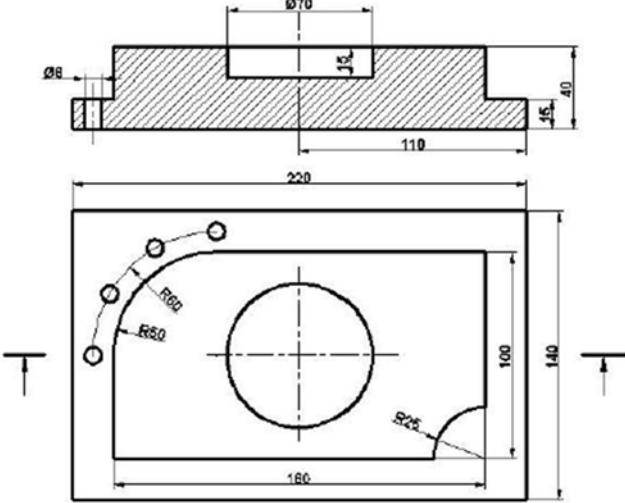
## Variant-1

1		<p>Chizmani o'qing va tushuntirib bering</p>
2		<p>Chizmani <b>SolidWorks</b> dasturida chizib, <b>G-M</b> kod yoki <b>Solid CAM</b> dasturida programma tuzing</p>
3		<p>Detalni <b>CNCpro</b> dasturida yasang</p>

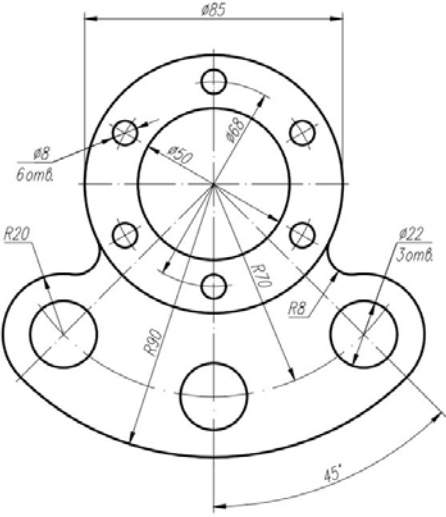
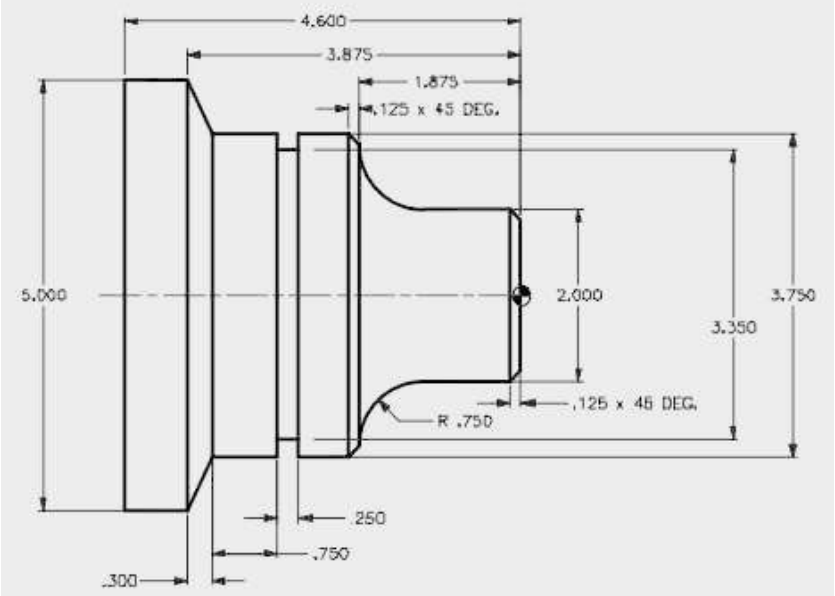
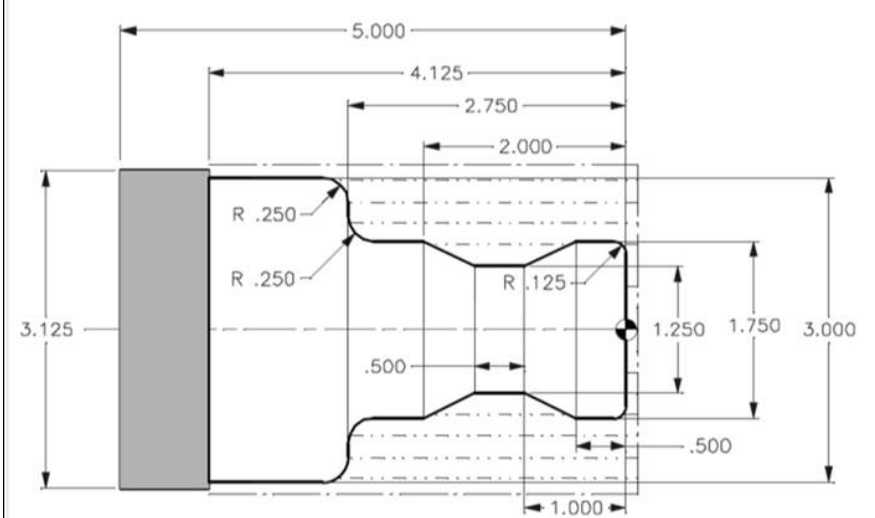
Variant-2

<p>1</p>		<p>Chizmani o'qing va tushuntirib bering</p>
<p>2</p>		<p>Chizmani SolidWorks dasturida chizib, G-M kod yoki Solid CAM dasturida programma tuzing</p>
<p>3</p>		<p>Detalni CNCpro dasturida yasang</p>

### Variant-3

1		<p>Chizmani o'qing va tushuntirib bering</p>
2		<p>Chizmani <b>SolidWorks</b> dasturida chizib, <b>G-M</b> kod yoki <b>Solid CAM</b> dasturida programma tuzing</p>
3		<p>Detalni <b>CNCpro</b> dasturida yasang</p>

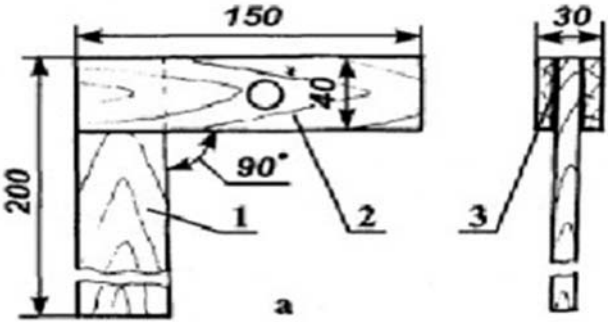
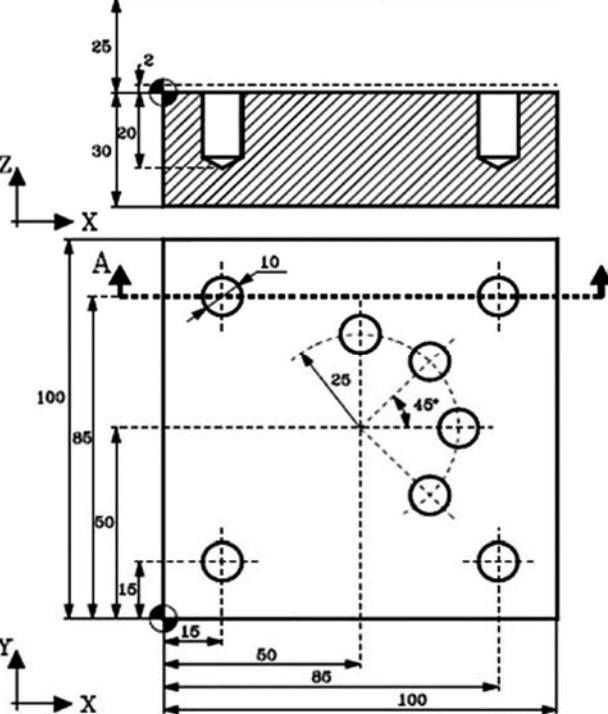
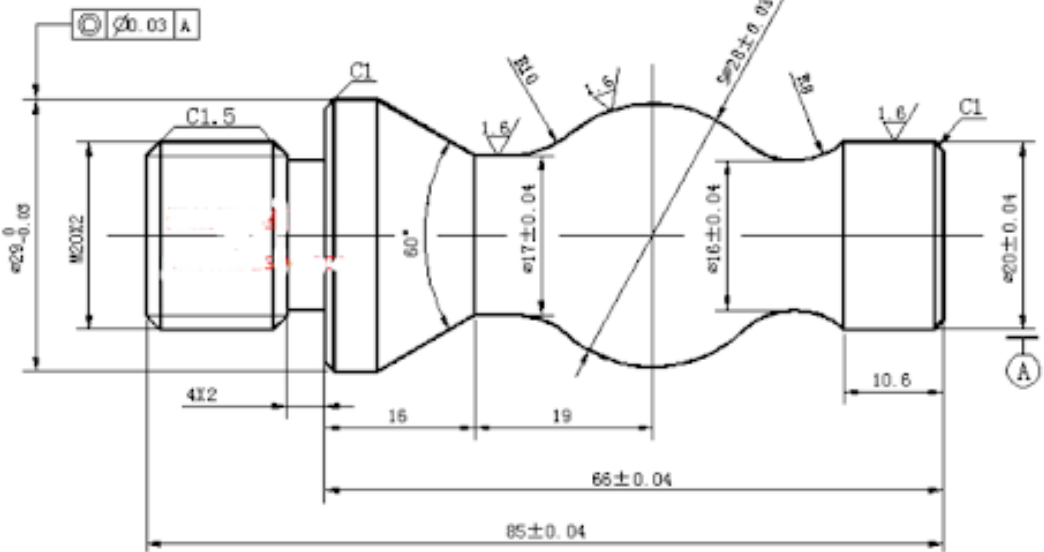
### Variant-4

1		Chizmani o'qing va tushuntirib bering
2		Chizmani SolidWorks dasturida chizib, G-M kod yoki Solid CAM dasturida programma tuzing
3		Detalni Tokarlik CNCpro dasturida yasang

Variant-5

1		Chizmani o'qing va tushuntirib bering
2		Chizmani <b>SolidWorks</b> dasturida chizib, <b>G-M</b> kod yoki <b>Solid CAM</b> dasturida programma tuzing
3		Detalni <b>CNCpro</b> dasturida yasang

Variant-6

1		Chizmani o'qing va tushuntirib bering
2		Chizmani SolidWorks dasturida chizib, G-M kod yoki Solid CAM dasturida programma tuzing
3		Detalni CNCpro dasturida yasang

1		Chizmani o'qing va tushuntirib bering
2		Chizmani SolidWorks dasturida chizib, G-M kod yoki Solid CAM dasturida programma tuzing
3		Detalni CNCpro dasturida yasang

Variant-8

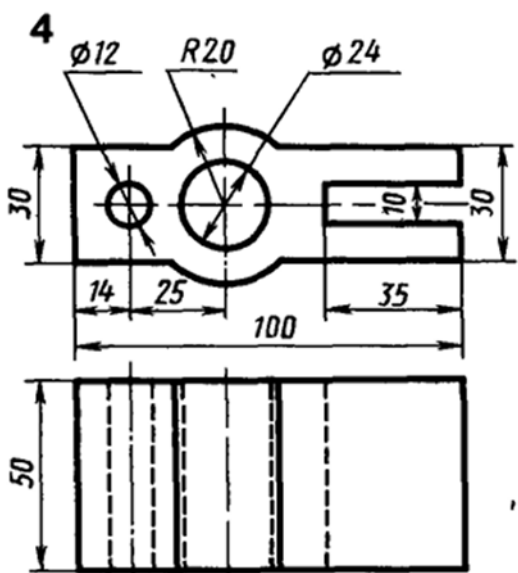
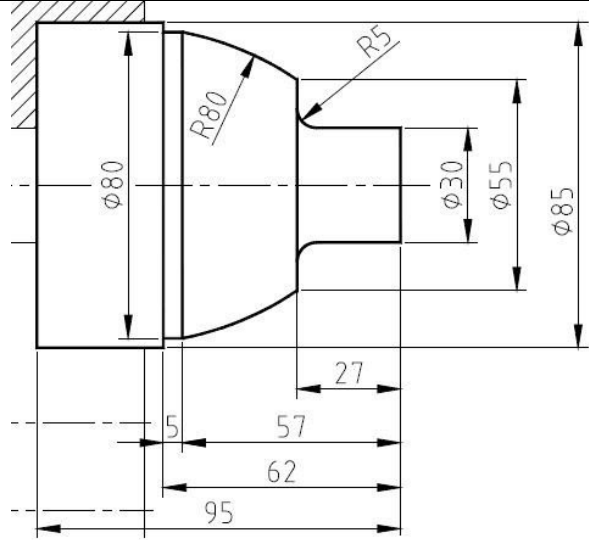
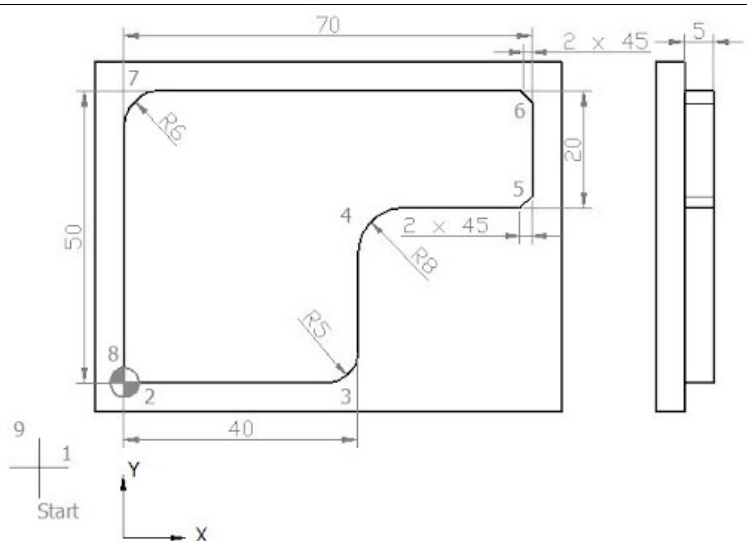


1		Chizmani o'qing va tushuntirib bering
2		Chizmani SolidWorks dasturida chizib, G-M kod yoki Solid CAM dasturida programma tuzing
3		Detalni CNCpro dasturida yasang

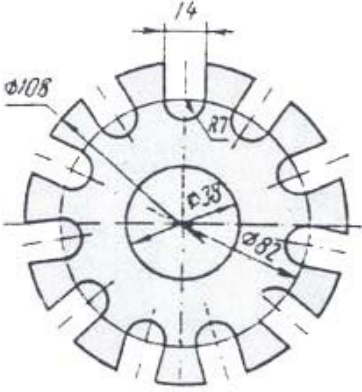
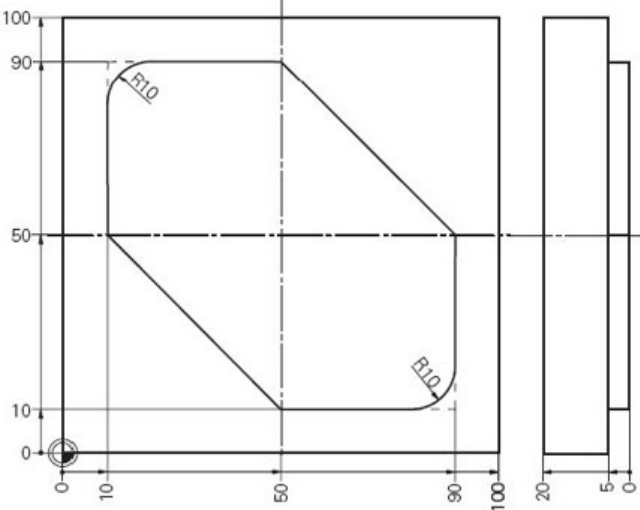
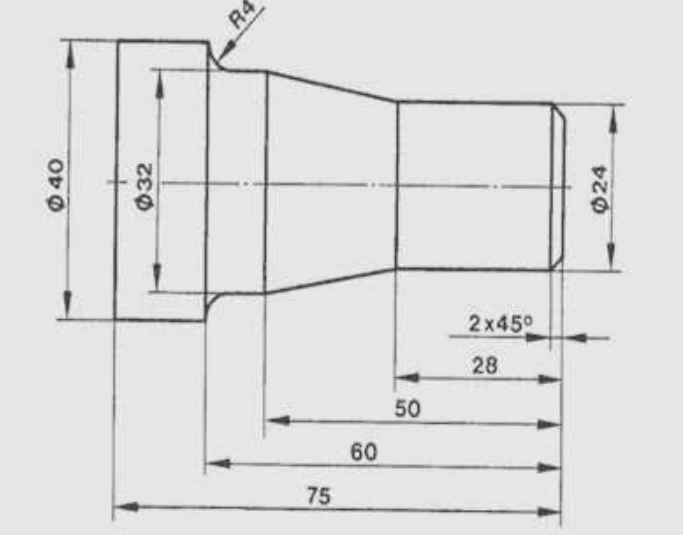
Variant-9

<p>1</p>		<p>Chizmani o'qing va tushuntirib bering</p>
<p>2</p>		<p>Chizmani SolidWorks dasturida chizib, G-M kod yoki Solid CAM dasturida programma tuzing</p>
<p>3</p>		<p>Detalni CNCpro dasturida yasang</p>

Variant-10

1		Chizmani o'qing va tushuntirib bering
2		Chizmani <b>SolidWorks</b> dasturida chizib, <b>G-M</b> kod yoki <b>Solid CAM</b> dasturida programma tuzing
3		Detalni <b>CNCpro</b> dasturida yasang

Variant-11

1		Chizmani o'qing va tushuntirib bering
2		Chizmani <b>SolidWorks</b> dasturida chizib, <b>G-M</b> kod yoki <b>Solid CAM</b> dasturida programma tuzing
3		Detalni <b>CNCpro</b> dasturida yasang

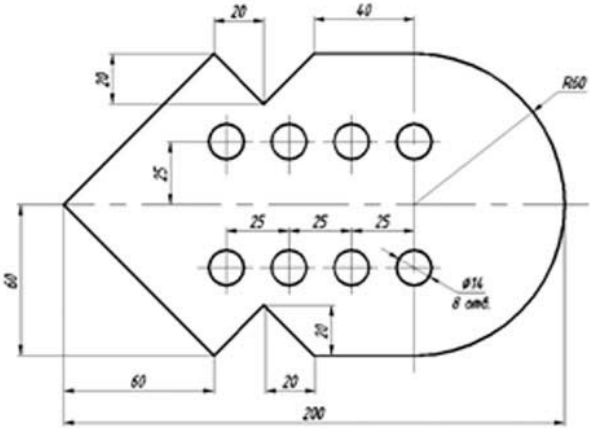
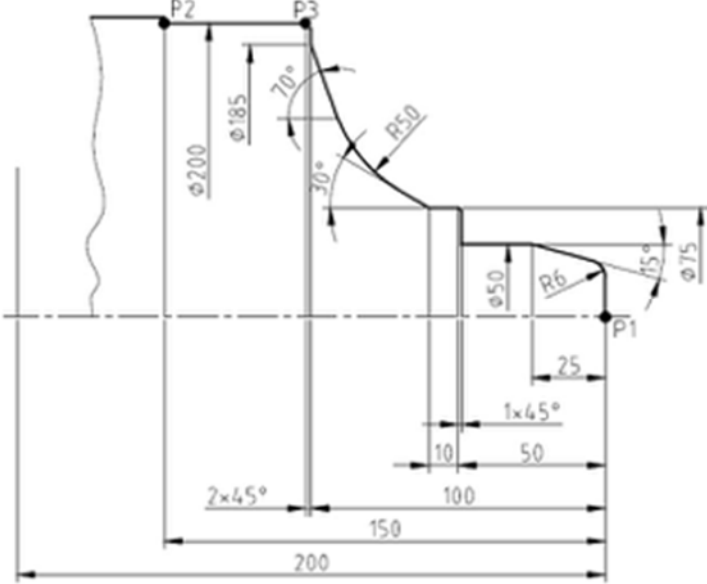
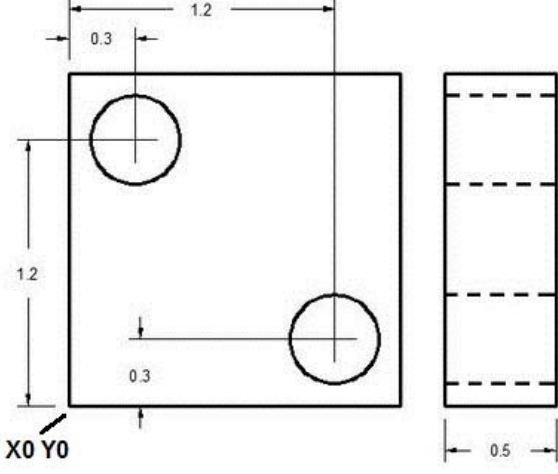
Variant-12

1	<p>Technical drawing of a stepped shaft. The total length is 5.000. The diameters are 3.125, 1.250, 1.750, and 3.000. The radii are R.250, R.250, and R.125. The drawing shows a shaft with a central hole and a chamfered end.</p>	Chizmani o'qing va tushuntirib bering
2	<p>Technical drawing of a hexagonal shaft. The diameters are <math>\phi 36</math>, <math>\phi 42</math>, and <math>\phi 50</math>. The lengths are 25, 5, 25, and 35. The drawing shows a shaft with a hexagonal cross-section and chamfered ends (<math>3 \times 45^\circ</math>).</p>	Chizmani SolidWorks dasturida chizib, G-M kod yoki Solid CAM dasturida programma tuzing
3	<p>Technical drawing of a square plate. The dimensions are 80x80 and 100x100. The radii are R20 and <math>3 \times R10</math>. The drawing shows a square plate with a central hole and chamfered corners.</p>	Detalni CNCpro dasturida yasang

1		Chizmani o'qing va tushuntirib bering
2		Chizmani SolidWorks dasturida chizib, G-M kod yoki Solid CAM dasturida programma tuzing
3		Detalni CNCpro dasturida yasang

1		Chizmani o'qing va tushuntirib bering
2		Chizmani SolidWorks dasturida chizib, G-M kod yoki Solid CAM dasturida programma tuzing
3		Detalni CNCpro dasturida yasang

Variant-15

1		Chizmani o'qing va tushuntirib bering
2		Chizmani <b>SolidWorks</b> dasturida chizib, <b>G-M</b> kod yoki Solid <b>CAM</b> dasturida programma tuzing
3		Detalni <b>CNCpro</b> dasturida yasang

Variant-16

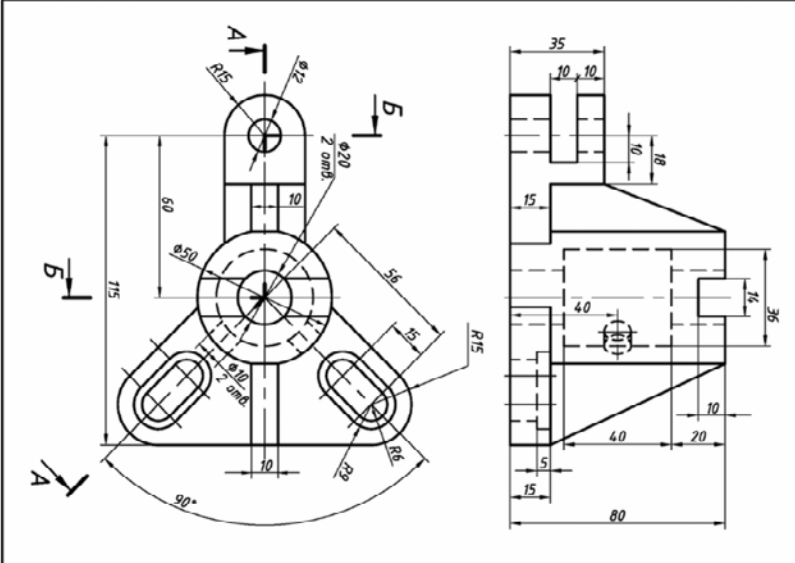
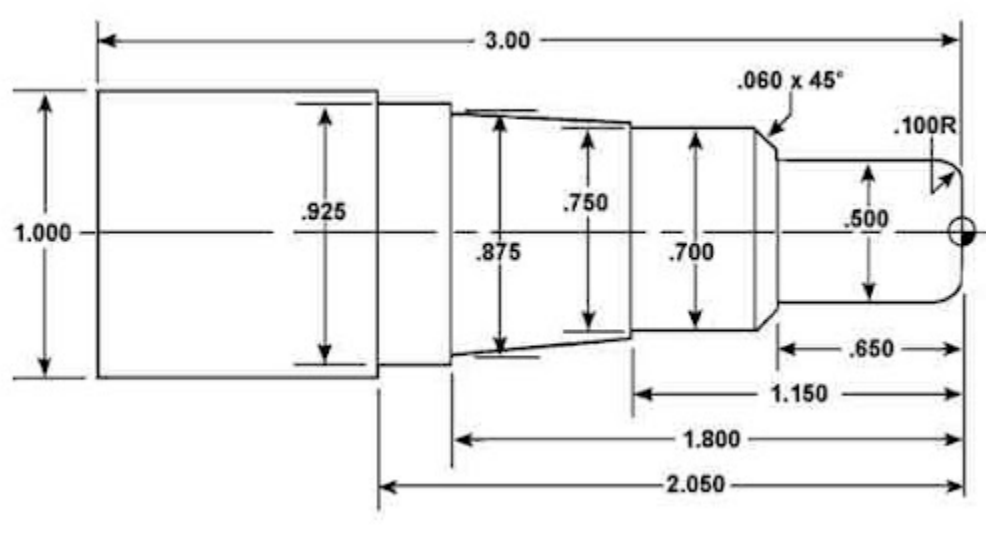
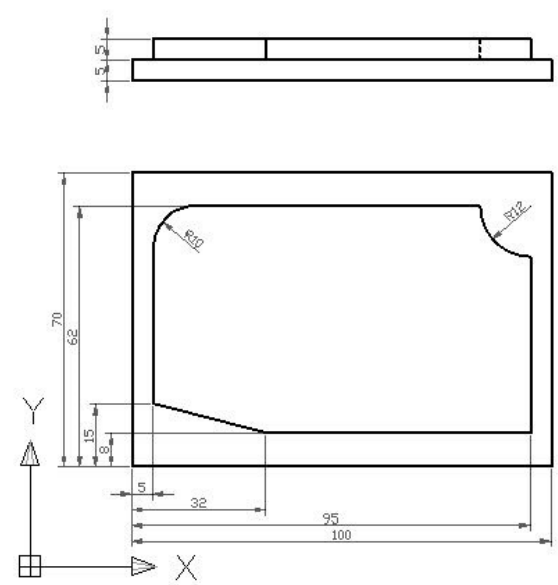


1		Chizmani o'qing va tushuntirib bering
2		Chizmani <b>SolidWorks</b> dasturida chizib, <b>G-M</b> kod yoki <b>Solid CAM</b> dasturida programma tuzing
3		Detalni <b>CNCpro</b> dasturida yasang

Variant-17

<p>1</p>		<p>Chizmani o'qing va tushuntirib bering</p>
<p>2</p>		<p>Chizmani SolidWorks dasturida chizib, G-M kod yoki Solid CAM dasturida programma tuzing</p>
<p>3</p>		<p>Detalni CNCpro dasturida yasang</p>

Variant-18

<p>1</p>		<p>Chizmani o'qing va tushuntirib bering</p>
<p>2</p>		<p>Chizmani SolidWorks dasturida chizib, G-M kod yoki Solid CAM dasturida programma tuzing</p>
<p>3</p>		<p>Detalni CNCpro dasturida yasang</p>

Variant-19

<p>1</p>		<p>Chizmani o'qing va tushuntirib bering</p>
<p>2</p>		<p>Chizmani <b>SolidWorks</b> dasturida chizib, <b>G-M</b> kod yoki <b>Solid CAM</b> dasturida programma tuzing</p>
<p>3</p>		<p>Detalni <b>CNCpro</b> dasturida yasang</p>

Variant-20

<p>1</p>		<p>Chizmani o'qing va tushuntirib bering</p>
<p>2</p>		<p>Chizmani SolidWorks dasturida chizib, G-M kod yoki Solid CAM dasturida programma tuzing</p>
<p>3</p>		<p>Detalni CNCpro dasturida yasang</p>

**Tuzuvchilar:**

Payvandlash ishlari mexanik (texnigi) bo'lim boshlig'i

**A.Sidikov**

Payvandlash ishlari mexanik (texnigi) bo'limi,

mashinasozlik yo'nalishi o'qituvchilari

**Z.Abdulov**

**Sh.Jumaboyev**

Ushbu YaDAK namunali topshiriqlari Samarqand ishsizlarni kasb-hunarga o'qitish markazi uslubiy kengashida muhokama qilingan va tasdiqlashga tavsiya etilgan

(bayonoma № \_\_\_\_\_ “ \_\_\_\_\_ ” \_\_\_\_\_ 2023yil)

O'IBDO'

D. G'iyosov

Uslubchi

M. Ibragimov