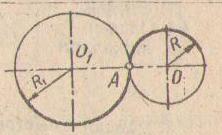
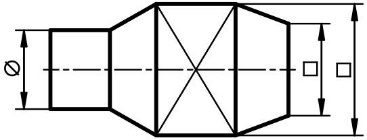
**9-sinf o’quvchilari uchun *chizmachilik* fanidan olimpiada test savollari.**

 **1 –variant**

**1**. **Tutashmadagi A tutashuv nuqtasi qayerda joylashgan ?**

A) Radiusda B) Markazda C) Markazlarini birlashtiruvchi chiziqda D) O`q chiziqda

**2**. **Detal qanday geometrik sirtlardan tashkil topgan?**

A) Silindr, shar, kub, konus

B) Piramida, prizma, silinr, shar

C) Silindr, konus, prizma, piramida

D) Silindr, prizma, shar, kub

**3. Rezbaning tashqi diametri … harfi bilan shartli belgilanadi.**

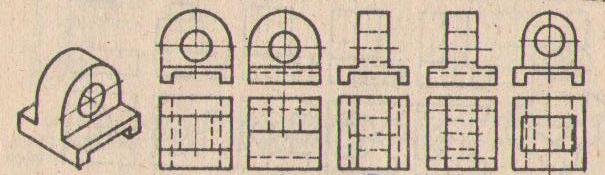
A) P B) S1 C) d D) d1



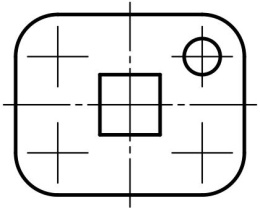
**4. Cho‘g‘lanish lampasining shartli grafik belgisini toping ?**

**5. … shponkalar mavjud emas.**

A) prizmatik B) ponasimon C) segmentli D) rezbali

**6**. **Detalning ustki qismdagi qulog`i asosiga nisbatan 900 ga burib tasvirlangan ko`rininishlarini toping ?**

A B C D

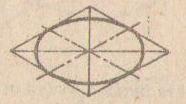
**7. Detalda nechta bir xil silindrik teshik bor?**

A) Bitta

B) Ikkita

C) Uchta

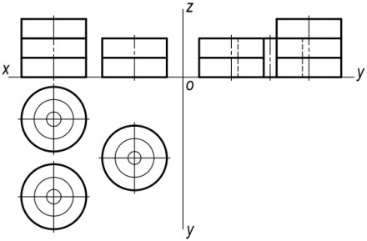
D) To‘rtta



**8**. **Aylana qaysi aksonometrik proyeksiyada tasvirlangan?**

A ) Izometriya B) Frontal dimetriya

C) Qiyshiq burchakli proeksiya D) Markaziy proyeksiya

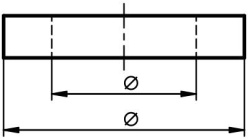
**9. Nechta shashka donalari tasvirlangan ?**

A) Uchta

B) Beshta

C) Yettita

D) Sakkizta

**10. O‘rtasi teshik silindrik plastinkasimon detal nima deyiladi?**

A) Plita B) Shayba

C) Vtulka D) Klapan

**11. … chizma deyiladi.**

A) buyumning tasvirlaridan tashkil topgan hujjat

B) shaklning tasvirlaridan tashkil topgan hujjat

C) yozuv va chizmali qog‘oz D) yozuv va chizmali format

**12. Tutash to‘lqinsimon chiziq … chizish uchun ishlatiladi.**

A) kesim chizig‘i B) bukish chizig‘i C) uzuq chizig‘i D) qirqim chizig‘i

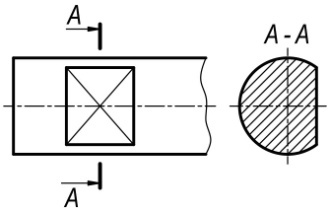
**13. Chizmada o‘lcham chiziqlari … bilan tasvirlanadi.**

A) strelkalar B) shtrix chiziq C) yo‘g‘on chiziq D) shtrix-punktir chiziq

**14. Chizmada R harfi bilan … belgilanadi.**

A) aylananing ikki nuqtasi oralig‘i B) aylananing qarama-qarshi ikki nuqtasi oralig‘i

C) aylana markazidan shu aylana oralig‘i D) aylana markazidan boshqa nuqtagacha

**15. Kesimda detalning qanday elementi ko‘rsatigan?**

A) Shponka ariqchasi

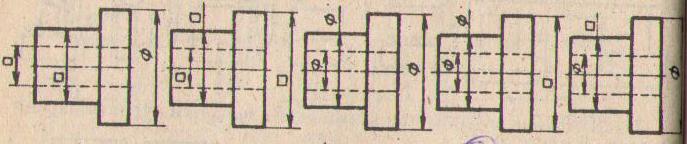
B) Liska

C) Teshik

D) Shlitsa

**16.Chap tomoni silindr, o`ng tomoni kvadrat prizmali detalning markaziy o`qi bo`yicha silindrik**

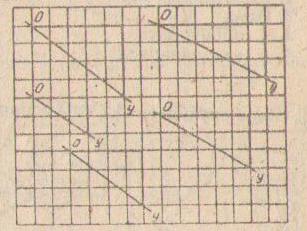
**teshik o`yilgan ko`rinishini toping.**



**A B C D**

**17. Tutashmalar … bo‘ladi.**

A) ichki va tashqi B) aralash C) chiqarilgan va ustiga qo‘yilgan D) siniq va pog‘onali

18. **Texnik rasm chizishga izometrik o’qlar x va y ni o’tkazish uchun qanday nisbatda**

**daftar kataklaridan foydalaniladi?**  A.) 5:4 B.) 6:3 C.) 3:2 D.) 5:3

**19. Binoning olddan ko‘rinishi \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ deb ataladi.**

20. Teng yoqli uchburchakli piramida uchi orqali o‘tuvchi tekisliklik bilan kesilsa, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ shakl hosil bo‘lad.

21. Bir tomoni rezba, ikkinchi tomoni esa kallakdan iborat bo‘lgan silindrik sterjen \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ deyiladi.

22. Kesuvchi tekislik H tekislikka parallel bo‘lganda \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ qirqim hosil bo‘ladi.

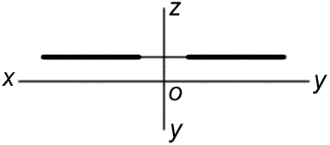
**23. Yig‘ish chizmasida o‘sha detalning o‘zi barcha qismlarda \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ shtrixlanadi.**

**24. Detalning mahalliy ko‘rinishi deganda \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ tushuniladi.**

**25. Markaziy proyeksiyalash deganda \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_proyeksiyalash tushuniladi**.

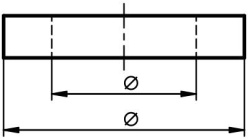
**9-sinf o’quvchilari uchun *chizmachilik* fanidan olimpiada test savollari.**

**2- variant**

** 1. Qanday to’g’ri chiziqning tasviri berilgan?**

A) Gorizontal B) Frontal C) Profil proeksiyalovchi D) Profil@

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**3. O‘rtasi teshik silindrik plastinkasimon detal nima deyiladi?**

A) Plita B) Shayba

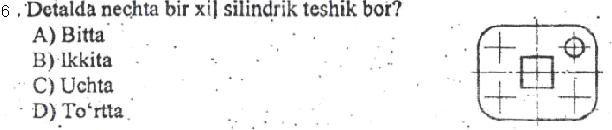
C) Vtulka D) Klapan

**4. Harf jiziqlarining yo’g’onligi d ning balandligi h ga qanday nisbatda yoziladi .**

**A)1/6, B)1/8. C)1/10 D)2/5.**

**18441 5. Qanday biriktirish detali tasvirlangan?**

A) Shpilka B) Shtift C) Shponka D) Shplint

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**7. Turbali birikmalarda qanday detal biriktiruvchi hisoblanadi?**

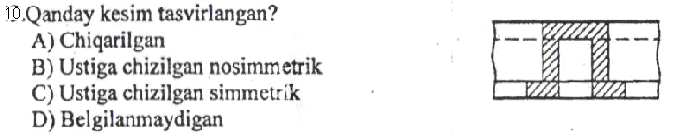
A) Muft B) Gayka C) Bolt D) Shayba

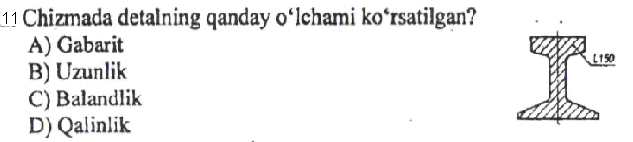
**8. Detallarning soni , o`lchami, vazni, material va boshqa sifatlari haqida ma`lumot beruvchi texnik hujjatlarning nomi nima deb yuritiladi ?**

A) eskiz B) aksonometriya C) standart D) spesifikatsiya

**9. A4 formatning o’lchamlari qanday ?**

A) 841x594 B) 420x594 C) 210x297 D) 210x280

****

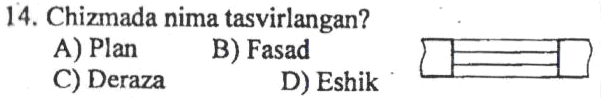
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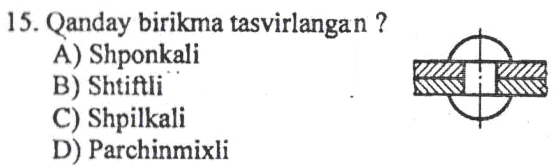
**12 Aksonometriya turlaridan biriga asoslanib ,qo’lda chizilgan yaqqol tasvir nima deyiladi ?**

**A ) Dimetriya B) Perspektiva С ) Texnik rasim D) .Izometriya .**

**13. Binoning olddan qirqim qo’llanilmagan tasviri nima deyiladi ?**

A) fasad B) eskiz C) sxema D) proyeksiya

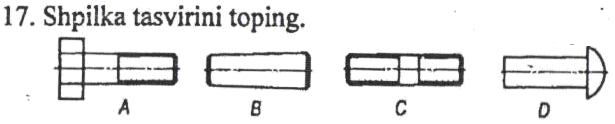
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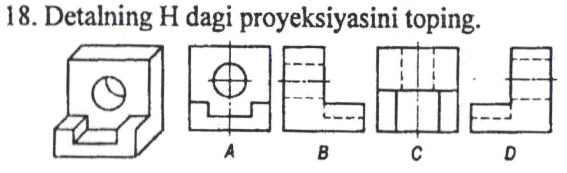
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**16. Mayda qadamli metrik rezba qachon tadbiq qilinadi?**

A) O’z-o’zidan buralib ketmaslikka qarshi B) Mustaxkamlik shartiga ko’ra

C) Yupqa devorli detallarga o’yiladi D) Silindirik va konussimon sirtlarga o’yiladi

****

****

19. Teng tomonli uchburchaklardan tuzilgan geometrik jism\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ deyiladi .

20. Chizmaning chiqarish va o’lcham chiziqlari \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ chiziqda tasvirlanadi .

21. Asosiy yozuv burchagining balandligi va uzunligi o’lchami \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_nechaga teng .

22. Ezkiz bu \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ chizma .

23. Proyeksiyalar tekisliklarini bitta tekislikka keltirib tasvirlash \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ deb nomlanadi .

24. Kesim \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ joyi tasviri .

25. Teng yoqli uchburchakli pramida uchi orqali o’tuvchi tekislik bilan kesilsa \_\_\_\_\_\_\_\_\_\_\_\_\_ shakl hosil bo’ladi .

**9-sinf o’quvchilari uchun *chizmachilik* fanidan olimpiada test savollari.**

**3- variant**

**1. Rezba elementlariga nimalar kiradi ?**

A) Qadami, yo’li , kirimi B) Chizig’i, ipi , chiqig’i

C) Sbegi , protochkasi, faskasi D) sirti, egri chizig’i, qadami

**2. To’g’ri doiraviy konus ikkita yasovchisiga parallel tekislik bilan kesilsa,**

**qanday egri chiziq hosil bo’ladi ?**

A) Ellipis B) Parabola

C) Giperbola D) Uchburchak

**3. Bosh planlar qanday masshtabda chiziladi ?**

A) M 1: 20 dan M 1: 75 gacha B) M 1: 50 dan M 1: 100 gacha

C) M 1: 100 dan M 1: 500 gacha D) M 1: 200 dan M 1: 1000 gacha

**4. Eskizda o’lchamlar qanday qo’yiladi ?**

A) Chizilgan eskizdan o’lchab B) Detalning aslidan o’lchab

C) Detalning yaqqol tasviridan D) Ixtiyoriy o’lchab

**5. « 3 x 45 grad » yozuvi nimani anglatadi ?**

A) Metrik rezbani B) Qiyalikni

C) Konuslikni D) Faskani

**6. Chizmada ko’rinishlarni kamaytirish uchun nimadan foydalaniladi ?**

A) Kesimdan B) Qirqimdan

C) Shartli belgilardan D) Mahalliy ko’rinishlardan

**7. Qirqimda rezba chuqurligi qanday chiziq bilan chiziladi ?**

A) Shitrix chiziq bilan B) Ingichka tutash chiziq bilan

C) Shtrix –punktir chiziq bilan D) To’lqinsimon chiziq bilan

**8. Buyum va uning tarkibiy qismlarining o’zaro bog’lanishi to’g’risida tasavvur etish imkonini**

**beruvchi tasvir nima deyiladi ?**

A) Yig’ish chizmas B) Detallarning ishchi chizmasi

C) Umumiy ko’rinish chizmalari D) Spetsifikatsiya

**9. Silindrik detal sirtidagi tashqi va ichki rezbalar chizmada qanday farqlanadi ?**

A) Tashqi diametri d va tutash yo’g’on chiziq bilan , ichki diametri d1 esa tutash ingichka

chiziq bilan tasvirlanadi .

B) Tashqi diametri d1 bilan, ichki diametri d bilan tasvirlanadi

C) Tashqi va ichki rezbalar to’lqinsimon chiziq bilan ajratib tasvirlanadi .

D) Farqlanmaydi

**10. Shponkalar nimaga nisbatan tanlanadi ?**

A) Valga nisbatan

B) Tishli g’ildirakka nisbatan

C) Shikivga nisbatan

D) Val, shponkaga nisbatan

**11. Chizmalar chizishda qanday qalamlarda foydalaniladi ?**

A) T, M , TM

B) M,2M, 3M

C) H, 2H, 2BH

D) TM

**12. Bolt zagotovkasi qanday geometrik jismga o’xshaydi ?**

A) Muntazam prizma va silindr

B) Konus va silindr

C) Kesilgan konus va konus

D) Piramida va konus

**13. Eng ko’p tarqalgan konstruktur element nomini aniqlang ?**

A) Shar B) Ariqcha C) Faska D) Bo’rtiq

**14. Yog’och va plastmassalar uchun ishlatiladigan vint nima deiladi ?**

A) Shponka B) Shtift C) Shplint D) Shurpt

**15. Mayda qadamli metrik rezba ko’rsatilgan javobni toping ?**

A) 3 x 45 B) M 56 x 2,5 C) 56 x 2,5 D) M 56

**16. “ A ko’rinish ” tipidagi yozuv nimani bildiradi ?**

A) Chiqarilgan elementni B) Mahalliy ko’rinishni

C) Qo’shimcha ko’rinishni D) Qirqimni

**17. Konus truba rezbaning belgisini ko’rsating ?**

A) L B) S C) G D) R

**18. Qaysi masshtab GOST da belgilanmagan ?**

A) 5:1 B) 1:3 C) 1:2,5 D) 2:1

**19. Chizmaning chiqarish va o‘lcham chiziqlari \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ chiziqda tasvirlanadi.**

**20. Ikki nuqtali ingichka shtrixpunktir chiziqdan \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ paytlarda foydalaniladi.**

**21. To‘g‘ri chiziqning egri chiziqqa yoki bir egri chiziqning ikkinchi egri chiziqqa silliq o‘tishi \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ deyiladi .**

**22. Jismning gorizontal proyeksiyasi frontal proyeksiyasiga nisbatan \_\_\_\_\_\_\_\_\_\_\_\_\_\_ joylashadi.**

23. Teng yoqli uchburchakli piramida uchi orqali o‘tuvchi tekisliklik bilan kesilsa,

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ shakl hosil bo‘lad.

**24. Bir tomoni rezba, ikkinchi tomoni esa kallakdan iborat bo‘lgan silindrik sterjen \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ deyiladi.**

**25. Detalning ayrim chetki tor joylarida bajarilgan qirqim \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ deyiladi .**