



FAN OLIMPIADALARI MARKAZI

Iste'dodlarni kashfetamiz!

IXTISOSLASHTIRILGAN TA'LIM MUASSASALARI AGENTLIGI HUZURIDAGI
FAN OLIMPIADALARI MARKAZI

**2025-2026-O'QUV YILIDA UMUMTA'LIM FANLARI BO'YICHA
ASOSIY OLIMPIADANING IKKINCHI TUMAN (SHAHAR) BOSQICHI**

INFORMATIKA VA AXBOROT TEXNOLOGIYALARI (9-sinf)

FANIDAN

TEST TOPSHIRIQLARI KITOBI

Ishtirokchining familiyasi, ismi va otasining ismi

Imzo

Ushbu test topshiriqlari kitobi 30 ta (1–30) yopiq turdagi test topshiriqlaridan iborat.
Har bir topshiriq uchun ajratilgan ball savol kitobida ko'rsatilgan.
Topshiriqlar yopiq turdagi bo'lib, ularda A, B, C va D javob variantlari berilgan.
Ishtirokchi har bir topshiriq uchun faqat bitta to'g'ri javobni tanlashi va javoblar varaqasida mos keluvchi doirachani to'liq bo'yashi kerak.

Ajratilgan vaqt: 90 daqiqa
Savollar soni: 30 ta
Maksimal ball: 50 ball

Ushbu savollar kitobi 4 sahifadan iborat.

Fan olimpiadalari markazi
rasmiiy telegram sahifasi.
@Fan_olimpiadalari_M
Olimpiada topshiriqlari
yechimlari ushbu telegram
kanalda e'lon qilib boriladi.



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1. [0,9 ball] Quyidagi qurilmalardan qaysi biri kiritish qurilmasi (input device) hisoblanadi?

- A) Printer B) Monitor
C) Klaviatura D) Plotter

2. [0,9 ball] Qaysi fayl maskasi har qanday kengaytmaga ega fayllarni bildiradi?

- A) *.txt B) *.* C) ?.txt D) *.docx

3. [0,9 ball] Quyidagi manzillardan qaysi biri URL (vab manzil) hisoblanadi?

- A) http://www.wikipedia.org
B) 255.255.255.0
C) kinolar\film.mp4
D) D:\Fayllar\photo.jpg

4. [0,9 ball] Quyidagi kengaytmalardan qaysi biri faqat ovoz (audio) fayliga tegishli?

- A) .wav B) .mp4 C) .avi D) .mov

5. [0,9 ball] Quyidagi algoritm bajarildi:

1. Boshlash
2. $A = 12, B = 18, C = 9$ kiritildi
3. Agar $A > B$ bo'lsa
 Agar $A > C$ bo'lsa \rightarrow A chiqarish
 Aks holda \rightarrow C chiqarish
 Aks holda
 Agar $B > C$ bo'lsa \rightarrow B chiqarish
 Aks holda \rightarrow C chiqarish

4. Tugatish

Algoritm qaysi sonni chiqaradi?

- A) 9 B) 12 C) 18 D) 0

6. [0,9 ball] Quyidagilardan qaysilari tizimli dasturiy ta'minotga kiradi?

1. Windows 11
2. Linux
3. MS Word
4. Android
5. Google Chrome
6. macOS

- A) 1, 2, 4, 6 B) 1, 3, 4, 5

- C) 2, 3, 4, 5 D) 1, 2, 5, 6

7. [0,9 ball] 4,5 GB necha MB ga teng?

- A) 4048 MB B) 4608 MB
C) 4124 MB D) 1024 MB

8. [0,9 ball] Instagramga har bir suratni yuklash uchun o'rtacha 4 MB internet trafik sarflanadi. Agar bir kunda 15 ta surat yuklasangiz, qancha MB internet trafik sarflanadi?

- A) 40 B) 60 C) 50 D) 80

9. [0,9 ball] Matn Sezar (Caesar) shifri bo'yicha shifrlangan.

Shifrlangan matn: KHOOR

Kalit: 3

Ingliz alifbosi: A B C D E F G H I J K L M N O
P Q R S T U V W X Y Z

Deshifrlab asl matn aniqlang.

- A) HELLO B) HALLO
C) HULLO D) HEYOO

10. [0,9 ball] Faqat xotira qurilmalar berilgan javobni toping.

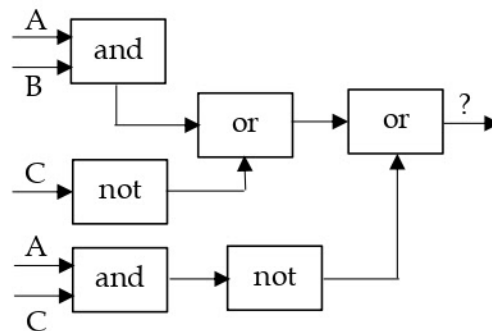
- 1) ROM 2) CPU 3) RAM
4) CRT 5) SSD 6) LCD
A) 2, 4, 6 B) 1, 5, 6
C) 1, 3, 5 D) 3, 4, 5

11. [1,5 ball] Noma'lum x ni toping.

$$3x_{15} + x_{134} = 125_{10}$$

- A) 2 B) 1 C) 0 D) 3

12. [1,5 ball] Agar $A=1, B=0$ va $C=1$ bo'lsa, quyidagi mantiqiy sxemaning chiqish signali qiymatini aniqlang.



- A) 1 B) 0 C) A D) C

13. [1,5 ball] Quyidagi kod natijasini aniqlang.

```
P = 1
i = 5
while i >= 1:
    if i%2==0:
        P = P * i
```



$i = i - 1$
 print(P)
 A) 24 B) 1 C) 18 D) 8

14. [1,5 ball] MS Excel jadvalda A1=6, A2=8, A3=10.

Inglizcha:

=AVERAGE(A1:A3)+MAX(A1:A2)*MIN(A2:A3)

Ruscha:

=CP3HA4(A1:A3)+MAK(A1:A2)*MIH(A2:A3)

formula natijasini hisoblang.

- A) 71
- B) 72
- C) 68
- D) 24

15. [1,5 ball] Quyidagi misollardan qaysi biri Birga – bir (One-to-One) munosabatiga mos keladi?

- A) O'quvchi ↔ Baholar
- B) Xodim ↔ Pasport ma'lumotlari
- C) Talaba ↔ Kitoblar
- D) Mijoz ↔ Buyurtmalar

16. [1,5 ball] RGB tizimida har bir rang kanalining maksimal qiymati nechaga teng?

- A) 128 B) 100 C) 255 D) 1024

17. [1,5 ball] Video 2,5 daqiqa davom etadi, 1 sekundda 30 ta kadr ko'rsatiladi. Umumiy kadrlar soni qancha?

- A) 3000 B) 1500 C) 6000 D) 4500

18. [1,5 ball] IPv4 manzil nechta bitdan iborat?

- A) 64 bit B) 16 bit C) 32 bit D) 128 bit

19. [1,5 ball] Modellashtirish nima?

- A) Grafik chizmachilik jarayoni
- B) Haqiqiy obyektning soddalashtirilgan nusxasini yaratish
- C) Kompyuter kodini yozish
- D) Hisoblashlarni avtomatlashtirish

20. [1,5 ball] Quyidagilardan qaysi biri HTML formasida ma'lumotlarni serverga yuborish usuli?

- A) GET B) HEAD C) PUT D) DELETE

21. [2,6 ball] SQLda ma'lumotlar bazasidan ma'lumot olish uchun qaysi buyruq ishlatiladi?

- A) INSERT B) UPDATE
- C) DELETE D) SELECT

22. [2,6 ball] Quyidagi kod natijasini aniqlang.

text = "sun'iy intellekt"

i = 0

for n in text:

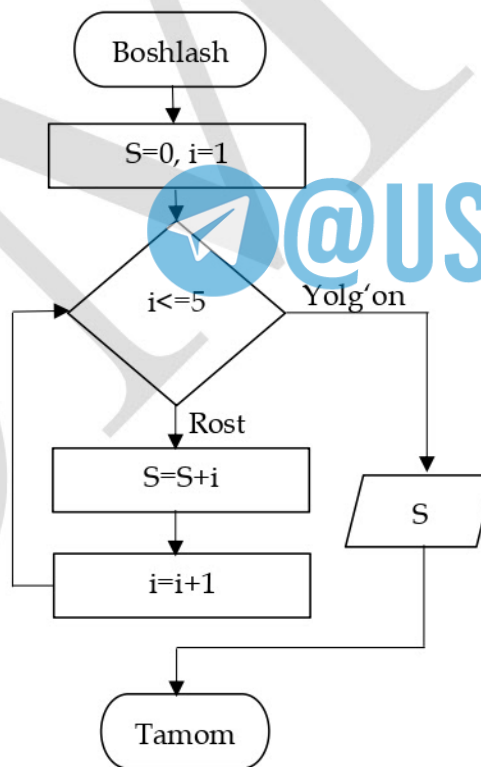
if n=="i":

i += 1

print(i)

- A) 0 B) 2 C) 15 D) 1

23. [2,6 ball] Algoritm natijasini aniqlang.



- A) 15 B) 10 C) 21 D) 6

24. [2,6 ball] MS Accessda quyidagi jadval yaratilgan.

ID	Ism	Familiya	Yoshi	Kurs	Shahar
1	Ali	Karimov	18	1	Tashkent
2	Dildora	Rustamova	20	2	Samarkand
3	Jamshid	Tursunov	22	3	Bukhara
4	Nilufar	Salimova	19	1	Tashkent
5	Sardor	Qodirov	21	2	Samarkand

Criteria (Условия) qatoriga quyidagi shart yozilgan bo'lsa, so'rov natijasini aniqlang.

Yoshi > 20 AND Kurs <> 2

A)

ID	Ism	Familiya	Yoshi	Kurs	Shahar
1	Ali	Karimov	18	1	Tashkent
4	Nilufar	Salimova	19	1	Tashkent

B)

ID	Ism	Familiya	Yoshi	Kurs	Shahar
3	Jamshid	Tursunov	22	3	Bukhara

C)

ID	Ism	Familiya	Yoshi	Kurs	Shahar
2	Dildora	Rustamova	20	2	Samarkand
5	Sardor	Qodirov	21	2	Samarkand

D)

ID	Ism	Familiya	Yoshi	Kurs	Shahar
1	Ali	Karimov	18	1	Tashkent

25. [2,6 ball] Hisoblang:

25 and 12 and 11

A) 8 B) 11 C) 25 D) 1

26. [2,6 ball] 120 MB fayl arxivlash natijasida 84 MB ga teng bo'ldi. Fayl necha foizga qisqargan?

A) 30% B) 40% C) 50% D) 60%

27. [2,6 ball] O'tkazishni bajaring:

$8,(2)_{10} \rightarrow x_8$

A) $10,(16)_8$ B) $8,(16)_8$ C) $10,16_8$ D) $10,(2)_8$

28. [2,6 ball] Agar $p \wedge q = 1$ bo'lsa, quyidagi mantiqiy ifodalarning qaysilarning qiymati har doim ROST?

1) $(p \vee q) \vee k$

2) $(\neg p \vee \neg q) \wedge k$

3) $\neg(p \vee k) \vee q$

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

29. [2,6 ball] MS Excelda $=SUM(A1:A3)$ formulaning natijasi 5 ga teng. $=MAX(B1:C3)$ formulaning natijasi esa 5 ga teng.

	A	B	C
1	-2	3	4
2		0	1
3	3		0

Inglizcha:

$=AVERAGE(A1:C3)$ formulaning natijasini toping.

Ruscha:

$=CP3HA\Upsilon(A1:C3)$ formulaning natijasini toping.

A) 2 B) 18 C) 12 D) 9

30. [2,6 ball] Quyidagi kod natijasini aniqlang.

```
def amal(a, b):
    k = max(a, b)
    return k ** 2
```

s1 = 8

s2 = 6

n = amal(s1, s2)

print(n)

A) 8

B) 6

C) 64

D) 14



9-sinf Informatika kalitlari

№	Javoblar	№	Javoblar	№	Javoblar
1	C	11	A	21	D
2	B	12	B	22	A
3	A	13	D	23	B
4	A	14	B	24	A
5	C	15	B	25	A
6	A	16	C	26	A
7	B	17	D	27	A
8	B	18	C	28	C
9	A	19	B	29	A
10	C	20	A	30	C