

1-qism: Har bir topshiriq 0,9 balldan baholanadi

1. IDE so'zining kengaytmasi berilgan qatorni toping.
A) Integrated Drive Electronics
B) Investigational Device Exemption
C) Integrated Development Environment
D) International Driving Examination
2. Python dasturlash tilida funksiya e'lon qilish uchun qaysi kalit so'zdan foydalaniladi?
A) class
B) def
C) function
D) fun
3. Python dasturlash tilida ma'lumotni ekranga chiqarish uchun qaysi funksiyadan foydalaniladi?
A) print
B) input
C) output
D) out
4. Sonning kvadrat ildizini topish uchun MS Excel dasturida qaysi funksiyadan foydalaniladi?
A) ABS
B) КОРЕНЬ
C) ПРОИЗВЕД
D) SQR
5. Sodda mulohazalar ustida mantiqiy amallar bajarib hosil qilingan mulohazalar qanday mulohazalar deyiladi?
A) murakkab mulohaza
B) aralash mulohaza
C) qiyin mulohaza
D) chalkash mulohaza
6. MS Office paketidagi qaysi dastur prezentatsiyalar bilan ishlash uchun mo'ljallangan?
A) MS Access
B) MS Excel
C) MS Word
D) MS Power Point
7. Python dasturlash tilining qaysi moduli kompyuterlarni internet orqali bir-biriga bog'lash uchun ishlatiladi?
A) socket
B) turtle
C) math
D) tkinter
8. Python dasturlash tilining qaysi moduli ekranda chiziq va figuralar chizish uchun foydalaniladi?
A) socket
B) turtle
C) math
D) tkinter
9. Python dasturlash tilida s satrning a indeksidan b indeksigacha bo'lgan qismisatrni kesib olish uchun qaysi ifoda ishlatiladi?
A) s[a][b]
B) s[a,b]
C) s[a..b]
D) s[a:b]
10. Kompyuterni telefon tarmog'iga ulash uchun qaysi qurilma kerak?
A) printer
B) hub
C) modem
D) switch

2-qism: Har bir topshiriq 1,5 balldan baholanadi

11. MS Excel dasturida belgilangan B4:C6 bloki nechta katakni o'z ichiga oladi?
A) 4
B) 6
C) 8
D) 10



12. Interfaol web-saytlar yozish uchun asosan qaysi dasturlash tilidan foydalaniladi?

- A) C
B) PHP
C) Python
D) Javascript

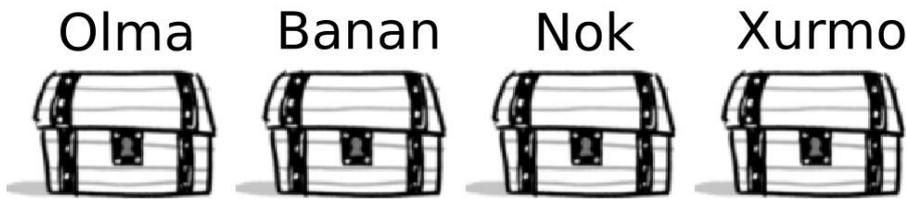
13. Operatsion tizimlar yozish uchun mo'ljallangan dasturlash tilini toping.

- A) C
B) PHP
C) Python
D) Javascript

14. Dinamik web-saytlar yozish uchun asosan qaysi dasturlash tilidan foydalaniladi?

- A) C
B) PHP
C) Javascript
D) Java

15. Sizda 4 quti meva bor:



Sizga har bir qutida faqat bir xil meva borligi ma'lum va ular qutining ichida. Siz yana shuni bilasizki, faqat bitta qutiga ichidagi meva nomi to'g'ri yozilgan.

Kamida nechta quti ochilgandan so'ng, qaysi quti to'g'ri nomlanganligini aniqlash mumkinligi kafolatlanadi?

- A) 2
B) 3
C) 4
D) 1

16. MS Excel dasturida katakka noto'g'ri oraliqda qiymat kiritilganda qaysi xatolik sodir bo'ladi?

- A) #ПУСТО!
B) #ССЫЛКА!
C) #####
D) #ИМЯ?

17. MS Excel dasturida katakka noto'g'ri murojaat qilinganda qaysi xatolik sodir bo'ladi?

- A) #ПУСТО!
B) #ССЫЛКА!
C) #####
D) #ИМЯ?

18. Quyidagi mantiqiy ifoda rostlik jadvalining oxirgi ustunida nechta 1 bo'ladi?

A and B or not B and C

- A) 4
B) 3
C) 5
D) 6

19. 5_{10} soniga qoldiqsiz bo'linadigan sonlar berilgan qatorni toping.

- A) $123454321_6, 11223344_6$
B) $23452345_6, 14141414_6$
C) $123123123_6, 11223344_6$
D) $123454321_6, 14141414_6$



20. Quyidagi rostlik jadvalga mos mantiqiy formulani toping.

A	B	C	Natija
0	0	0	0
0	0	1	0
0	1	0	0
0	1	1	1
1	0	0	0
1	0	1	1
1	1	0	0
1	1	1	1

- A) A and B and C or not A and B and C or A and not B and C
B) not A and B and C or A and not B and C or A and B and not C
C) A and not B and C or A and B and C or A and B and not C
D) not A and not B and not C or A and B and C or A and B and not C

3-qism: Har bir topshiriq 2,6 balldan baholanadi

21. Quyidagi ifoda qiymatini so'ralgan sanoq sistemasida toping.

$$123_8 + 544_7 = ?_6$$

22. Python dasturlash tilida berilgan quyidagi dastur natijasini aniqlang.

```
s = 0
for i in range(1, 376, 7):
    s += i
print(s)
```

23. Python dasturlash tilida berilgan quyidagi dastur natijasini aniqlang.

```
s = 0
for i in range(1, 376, 7):
    s += i
print(s)
```

24. Python dasturlash tilida berilgan quyidagi dastur natijasini aniqlang.

```
import random
T = 1000000
s = 0
for t in range(T):
    a = random.randint(1, 100)
    b = random.randint(1, 100)
    if (a * b) % 2 == 0:
        s += 1
print('%0.2f' % (s / T))
```



25. Python dasturlash tilida berilgan quyidagi dastur natijasini aniqlang.

```
def f(n):  
    if n <= 2:  
        return 1  
    return f(n - 1) + 2 * f(n - 2)  
  
print(f(10))
```

26. Python dasturlash tilida berilgan quyidagi dastur natijasini aniqlang.

```
s = 0  
for i in range(1000):  
    if (i & (i - 1)) == 0:  
        s += 1  
print(s)
```

27. Python dasturlash tilida berilgan quyidagi dastur natijasini aniqlang.

```
s = 0  
for i in range(1000):  
    if i % 2 == 0 and i % 3 == 0:  
        s += 1  
print(s)
```

28. Quyidagi ifoda qiymatini so'ralgan sanoq sistemasida toping.
 $((400_8 - 80_{16}) \times (100000_2 + 100_4)) : ((200_{16} - 600_8) \times (10_4 + 100_2)) = ?_{10}$

29. Quyidagi ifoda qiymatini so'ralgan sanoq sistemasida toping.
 $8458_9 - 2211120_3 = ?_{10}$

30. Python dasturlash tilida berilgan quyidagi dastur natijasini aniqlang.

```
print([1, 2] * 3)
```

