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

1. Google kompaniyasi rasman qachon ro'yxatdan o'tgan?
A) 2003-yil 14-fevral   B) 1999-yil 4-sentabr
C) 2004-yil 4-mart   D) 1998-yil 4-sentabr

2. CMS platformasining vazifasiga ko'ra turlarini aniqlang.
A) Ochiq va yopiq kodli   B) Yuqori ixtisoslashgan va universal
C) cMOOC va xMOOC   D) LMS va MOOC

3. Dastur natijasini aniqlang:
   x='Python dasturlash tili'
   print('python' in x)
A) false   B) true
C) python   D) dasturlash tili

4. Birinchi web-sayt nomi keltirilgan qatorni toping.
A) info.cern.ch   B) web.cern.org
C) tim.org.ch   D) ms.dos.org

5. Ms Word dasturida qaysi tugmalar yordamida matnga joriy vaqtni (soat) kiritish mumkin?
A) Shift+Ctrl+T   B) Shift+Tab+D
C) Shift+Alt+D   D) Shift+Alt+T

6. Quyidagilardan qaysi biri Python dasturlash tili moduli emas?
A) locale   B) tkinter
C) os   D) ceil

7. Dastur natijasini aniqlang: print(-9//2)
A) 4   B) -4
C) -5   D) 5

8. Dastur natijasini toping:
   a=0x1122
   print(a)

A) 1122   B) 10442
C) 4386   D) 0

9. Quyidagi formula natijasini aniqlang:
=КОРЕНЬ(НОК(60;45;80)+ДЛСТР(ПРАВСИМВ("texnologiyalar";9)))

A) 27   B) 23
C) 18   D) 16

10. Power Point dasturi slaydlar namoyishi rejimida bitta oldingi slaydga klaviaturaning qaysi tugmasi yordamida o'tiladi?
A) Ctrl+B   B) P
C) B   D) Alt+P

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

11. Dastur natijasini aniqlang:
   print((lambda x: x**3)(lambda x: x+2)(2))

   print((lambda x: x**3)(lambda x: x+3)(3))

A) 4, 6   B) 4, 7
C) 64, 216   D) TypeError

12. Natijani aniqlang:
   s={2,0,3,1, 4}

   print(s[-2])

A) 0   B) 1
C) 3   D) Dastur xato

13. Natijani aniqlang:
   a = 10
   print(~a)
A) False   B) True
C) -10   D) -11

14. MP3 formatida qo'llab-quvvatlanadigan eng yuqori audio sifati necha kbps bo'ladi?
A) 256 kbps   B)320 kbps
C) 480 kbps   D) 96 kbps

15. Dastur natijasini anilang: print(-12|-8)
A) -4   B) False
C) -12   D) True

16. Dastur natijasini toping:
   a = b'informatika'
   print(a)
A) informatika   B) b'informatika'
C) binformatika   D) TypeError

17. Dastur natijasini toping:
   first = 'python'
   second = ' '
   for i in first:
       second = i + second

   print(second)
A) nohtyp   B) pythonpythonpythonpythonpython
C) iiiiii   D) python

18. Natijani toping: print(int(True))
A)0   B) True
C)1   D) TypeError

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19. 135, B6, 703 butun sonlarni barchasini yozish mumkin bo'lgan eng kichik asosli sanoq sistemasida shu sonlar yig'indisini hisoblang.
A) 932   B) 1322
C) 922   D) 1232

20. O'n oltilik sanoq sistemasidagi 12B,84 sonini o'nlik sanoq sistemasida ifodalang.
A) 292, 224511   B) 299, 515625
C) 464, 552718   D) 384, 452319

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

21. Dastur natijasini toping:
```
a=(1, 2, 3, 4, 5)
a.pop(2)
print(a)
```
A) (1, 2, 3)   B) (3, 4, 5)
C) (1, 2, 4, 5)   D) AttributeError

22. Dastur natijasini aniqlang:
```
def func():
   try:
      return True
   finally:
      return False
print(func())
```
A) True   B) True, False
C) False   D) False, True

23. Dastur natijasini toping:
```
a = 'informatika'
for i in range(len(a)):
    a[i].upper()
pint(a)
```
A) INFORMATIKA   B) INFORMATIa
C) informatika   D) iNFORMATIKA

24. Dastur natijasini toping:
```
x = "abcdef"
i = "a"
while i in x:
   x=x[:-1]
   print(i, end=" ")
```
A) aaaaa   B) a a a a a a
C) iiiii   D) i i i i i

25. Dastur natijasini toping:
```
a = {1, 2, 3, 4}
b = {5, 6, 7, 8}
print(len(a+b)
```

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A) 8   B) TypeError
C) 4   D) AttributeError

26. Natijani aniqlang: print(min(max(False, -3, -4), 2, 7))
A) -4   B) False
C) 2   D) TypeErroe

27. Natijani toping:

```
a = {1: "A", 2: "B", 3: "C"}
for i, j in a.items():
    print(i, j, end = " ")
```

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

28. Dastur natijasini toping:

```
a = ['a', 'b', 'c', 'd', 'e']
for i in range(len(a)):
    a[i] = chr(ord(a[i]+1)
print(a)
```

A) 'b', ' c', ' d', ' e', 'f'   B) a b c d e f
C)['b', 'c', 'd', 'e', 'f']   D) 'a', 'b', 'c', 'd', 'e', 'f'

29.O'lchami 1366x768 bo'lgan ekranda 16 xil rang aks etadi. Ekrandagi axborot hajmini Kbayt da aniqlang.
A) 2049 Kbayt   B) 512.25 Kbayt
C) 1024.5 Kbayt   D) 4098 Kbayt

30. Musiqani yozish uchun maqbul sifat darajasini belgilang.
A) 192 kbps   B) 256 kbps
C) 320 kbps   D) 96 kbps