

O'RTA MAXSUS KASB-HUNAR KOLLEJLARI VA AKADEMIK  
LITSEYLARIGA KIRUVCHILAR UCHUN

ACER

**JAVOBLARINGIZNI (90) 916-94-90 raqamiga sms qilib quyidagi ko'rinishda "44\*JAVOBLAR"  
jo'nating va natijangizni bilib oling. (Masalan: 44\*ABCCAD va h.k)**

## SAVOLLAR KITOBID

SAVOLLAR KITOBID RAQAMI:

009991

BLOKLAR:

Ingliz tili (1.1)

Fizika (3.1)

Matematika (2.1)

Test topshiruvchi:

F.I.O.

IMZO

### DIQQAT!

Test topshiriqlarini yechishdan avval savollar kitobini varaqlab, unda har bir fan bo'yicha savollar soni to'liqligini tekshiring. Agar savollar soni kamligi aniqlansa yoki savollar kitobi raqami bilan javoblar varag'idagi "savollar kitobi raqami" bir xil bo'lmasa, darhol auditoriya rahbariga ma'lum qiling.

Savollar kitobida va javoblar varag'ida test topshiruvchining familiyasi, ismi, otasining ismi to'ldirilganligiga va imzosi qo'yilganligiga e'tibor qarating!

TOSHKENT – 2019

## INGLIZ TILI

1. **Choose the answer which correctly completes the sentence.**  
I wish I ... there to see Dan's face when they told him the news.  
A) would have been    B) had been  
C) have been    D) were
2. if you want ... sensible advice, go to Jack.  
A) some    B) a    C) the    D) a little of
3. **Choose the answer which correctly completes the sentence.**  
They are wrong to claim that there ... a connection between unemployment and crime.  
A) are    B) were    C) is    D) have been
4. **Choose the answer which correctly completes the sentence.**  
They asked me. "Where has she gone?"  
I wonder where ...  
A) she had gone    B) has she gone  
C) had she gone    D) she has gone
5. Choose the correct answer.  
He said: "I have never met such a tall man".  
He said that ... never met such a tall man.  
A) I had    B) he hadn't  
C) he has    D) he had
6. **Choose the answer which correctly completes the sentence.**  
I can't bear people ... are smoking in a closed area without asking permission from the non-smokers.  
A) whom    B) whose    C) where    D) who
7. **Choose the answer which correctly completes the sentence.**  
... square of 5 is 25.  
A) -    B) A    C) An    D) The
8. **Choose the answer which correctly completes the sentence.**  
"Do you want white bread or wheat?" "I don't care ... one is fine."  
A) None    B) Either    C) Both    D) Neither
9. **Choose the answer which correctly completes the sentence.**  
Ignoring something will not make it ... away; you must see a doctor for that pain in your chest.  
A) going    B) go    C) went    D) to go
10. **Choose the answer which correctly completes the sentence.**  
The others in the group were running ... of tolerance for Graham because he was always arriving late.  
A) into    B) down    C) through    D) out
11. The authorities feared the missing man was dead. The missing man was feared ...  
A) to be dead    B) being dead  
C) dead    D) was dead
12. You're having an operation next week, ... ?  
A) aren't you    B) don't you  
C) isn't it    D) don't you have
13. **Choose the answer which correctly completes the sentence.**  
The 35th US President, J. F. Kennedy, ... by a lone gunman while taking part in a procession in November, 1963.
- A) shot    B) had shot  
C) was shot    D) has been shot
14. **Choose the answer which correctly completes the sentence.**  
It was difficult to deliver the letter, ... the sender had written the wrong address on the envelope.  
A) because of    B) because  
C) behind    D) besides
15. **Choose the answer which correctly completes the sentence.**  
Many plants remain inactive through the winter; that is, they stop ... until spring.  
A) being grown    B) to be grown  
C) to grow    D) growing
16. **Choose the answer which correctly completes the sentence.**  
You ... use the office phone for private calls.  
A) mustn't    B) have    C) must    D) need
17. **Choose the answer which correctly completes the sentence.**  
With the sophisticated cameras available today, you ... a professional photographer to get excellent results.  
A) had better not be    B) don't have to be  
C) shouldn't be    D) mustn't be
18. **Choose the answer which correctly completes the sentence.**  
I wonder what you ... here. I thought you ... in London today.  
A) have done/will be  
B) are doing/were going to be  
C) did/had been  
D) were doing/will have been
19. **Choose the answer which correctly completes the sentence.**  
Fear is the main source of superstition, and one of the main sources of ...  
A) cruelty    B) more cruelly  
C) cruel    D) cruelly
20. **Choose the answer which correctly completes the sentence.**  
Stephen could never seem to think of ... nice to say about ... ;  
virtually all of his comments were derogatory.  
A) something/someone    B) nothing/no one  
C) everything/everybody    D) anything/anyone
21. Choose the answer which correctly completes the sentence.  
She put on a hat, gloves and scarf ... the weather was quite warm.  
A) despite    B) because  
C) even though    D) as
22. ... painted this beautiful picture?  
A) which    B) where    C) who    D) what
23. **Choose the answer which correctly completes the sentence.**  
The box was too heavy to lift by ...  
A) your    B) myself    C) her    D) me
24. **Choose the answer which correctly completes the sentence.**  
Of the three busiest vacation areas in the United States, one is Disney World, another is New York City, and ... is Washington, D.C  
A) the other    B) other  
C) the others    D) another
25. **Choose the answer which correctly completes the**

**sentence.**

I don't like cooking, and ... .

- A) he doesn't neither    B) he doesn't either  
C) he either doesn't    D) either he doesn't

26. His English is not very ... but his French is excellent.

- A) fluently    B) high    C) good    D) well

Read the text. Then choose the correct answer for each question below (27-30).

Since the early 1950s, private companies have been spending more and more on advertising in the mass media. Although some advertisements provide information of public interest, it is clear that most are aimed at sales promotion. In some cases, rival products which are almost identical are advertised at great expense. Many consumers complain that such promotional advertising is wasteful and pushes up prices. Advertising executives, however, maintain that by advertising, they can increase sales and thus gain economies of large-scale production which are passed on to consumers. However justified this expenditure may be from the viewpoint of private enterprise, it is certainly remarkable that in many capitalist countries, more money is spent on advertising than on schools or hospitals.

27. Which of the statements is true according to the passage?

- A) Advertising is aimed at pushing up prices.  
B) Providing information of public interest is the principal aim of advertising.  
C) Advertising is given to bring down inflation.  
D) The main aim of advertising is to increase the sales of a product.

28. Most buyers are of the opinion that ...

- A) advertisements of all kinds are wasteful.  
B) prices are increased by promotional advertising.  
C) a lot of money is spent on advertising similar products produced by rival companies.  
D) more money should be spent on schools or hospitals.

29. The phrase "push up" in the passage is opposite in meaning to ...

- A) raise    B) pull up  
C) decrease    D) increase

30. According to the text, ...

- A) promotional advertising can be justified from the viewpoint of private enterprise.  
B) promotional advertising should be banned and more money must be spent on advertising than on schools or hospitals.  
C) advertising is directed to manufacturing products of better quality.  
D) all kinds of advertising are justifiable from a social point of view.

## FIZIKA

31. Silliq gorizontal stoldan arqon sirg'anib tushmoqda. Arqon harakatining xarakteri qanday?

- A) notekis tezlanuvchan, tezlanish kamayib boradi  
B) notekis tezlanuvchan, tezlanish ortib boradi  
C) tekis sekinlanuvchan  
D) tekis tezlanuvchan

32. Og'zi yopiq idish suv bilan to'ldirilgan. Uning balandligi 20 sm. Suvning idishning yon tomoniga ko'rsatadigan o'rtacha bosimini (kPa) toping. Atmosfera bosimi 100 kPa.

- A) 101    B) 121    C) 1    D) 2

33. Tinch turgan avtomobil 6 s davomida tekis tezlanuvchan harakatlanadi. U dastlabki 1 s da 3 m masofaga ko'chsa, oxirgi 4 s da qancha masofaga (m) ko'chadi?

- A) 48    B) 96    C) 84    D) 72

34. Ideal gazning bosimi R, absolut harorati T, molyar massasi M ni bilgan holda, uning zichligini aniqlang.

- A)  $\frac{P}{MRT}$     B)  $\frac{PM}{RT}$     C)  $\frac{RT}{PM}$     D)  $\frac{MRT}{P}$

35. Buyumning mavhum tasviri buyumdan ikki marta kichik. Buyum sochuvchi linzadan qanday d masofada joylashgan? (F-linzing fokus masofasi)

- A)  $d = F$     B)  $d < F$   
C)  $F < d < 2F$     D)  $d = 2F$

36. To'lqin uzunligi 0,5 mkm bo'lgan yorug'lik dastasi doimiysi 2 mkm bo'lgan difraksion panjaraga perpendikular tushadi. Ektranda kuzatiladigan maksimumlarning maksimal soni nechta?

- A) 4    B) 5    C) 9    D) 2

37. 4 t massali Lacetti qiyaligi  $30^\circ$  bo'lgan tekislikda yuqoriga 20 km/h tezlik bilan harakatlanmoqda. Mashina motorining quvvatini (kW) toping.

- A) 240    B) 400    C) 87,7    D) 111

38. Temperaturasi  $80^\circ\text{S}$  bo'lgan 1 kg suvni  $40^\circ\text{S}$  gacha sovutish uchun temperaturasi  $20^\circ\text{C}$  bo'lgan suvdan qancha (kg) qo'shish kerak?

- A) 2    B) 1,5    C) 4    D) 1

39. Qotishmaning vazni kerosinda ( $\rho_k = 800 \text{ kg/m}^3$ ) 6,8 N ga, suvda esa 6,2 N ga teng. Uning zichligini ( $\text{kg/m}^3$ ) aniqlang.

- A) 3067    B) 2300    C) 2400    D) 2067

40. Simni nechta teng bo'lakka bo'lib, bo'laklarni parallel ulaganda qarshilik 36 marta kamayadi?

- A) 8    B) 16    C) 4    D) 6

41. Elektr maydoniga kiritilgan o'tkazgich ichida natijaviy maydon kuchlanganligi ...

- A) nolga teng bo'ladi  
B) nisbatan ortadi  
C) ba'zan ortadi, ba'zan kamayadi  
D) nisbatan kamayadi

42. Kosmik kema Yer sirtidan 300 km balandlikda uchayotgan edi. Masofani 2 marta oshirilsa (600 km gacha) Yer bilan kema orasidagi ta'sir kuchi qanday o'zgaradi?

- A) o'zgarmaydi    B) 4 marta kamayadi  
C) oz miqdorda kamayadi    D) 2 marta kamayadi

43. Qarshiligi 100 Om bo'lgan o'tkazgichdan o'tayotgan tok 3 s davomida 0 dan 10 A gacha tekis ortib borgan bo'lsa, o'tkazgichdan shu vaqt davomida ajralib chiqqan issiqlik miqdorini (kJ) toping.

- A) 15    B) 7500    C) 10    D) 4500

44. Avtobus bekatdan  $0,5 \text{ m/s}^2$  tezlanish bilan harakatlanma boshladi. U 10 s davomida qancha yo'l (m) o'tadi?

- A) 100    B) 50    C) 20    D) 25

45. Agar kuch ikki marta kamaytirilib, yelka to'rt marta orttirilsa, kuch momenti qanday o'zgaradi?

- A) 2 marta kamayadi    B) 2 marta ortadi  
C) 4 marta ortadi    D) 4 marta kamayadi

46. Bir atomli ideal gaz bosimi 200 kPa va molekulalarning ilgarilanma harakati o'rtacha kinetik energiyasi  $10^{-20} \text{ J}$  bo'lsa, uning konsentratsiyasini ( $\text{m}^{-3}$ ) aniqlang.

- A)  $1 \cdot 10^{18}$     B)  $3 \cdot 10^{25}$     C)  $6 \cdot 10^{18}$     D)  $3 \cdot 10^{18}$

47. Sovun ko'pigi pufagining radiusini 3 dan 5 sm gacha oshirish uchun necha mJ ish bajarish kerak? ( $\sigma = 40 \text{ mH/m}$ ).

- A) 1,6    B) 0,8    C) 2,4    D) 3,2

48. Sig'imlari 3 va 7  $\mu\text{F}$  bo'lgan ikki kondensator doimiy 100 V

kuchlanish manbaiga parallel ulandi. 2-kondensatorning zaryadini ( $\mu\text{C}$ ) aniqlang.

- A) 500 B) 700 C) 300 D) 1000

49. Zaryadning saqlanish qonuniga berilgan eng to'g'ri va to'la javobni toping.

- A) atrof muhitdan issiqlik o'tkazmaydigan qalin to'siq bilan ajratilgan tizimlar yig'indisi vaqt davomida o'zgarmaydi  
 B) atrof muhitdan ajratilgan tizimda bo'lgan zarralar zaryadlari modullarining yig'indisi vaqt davomida o'zgarmaydi  
 C) har qanday tizimdagi zaryadlar yig'indisi o'zgarmaydi  
 D) atrof muhit bilan zaryad almashmaydigan tizimlardagi zaryadlarning algebraik yig'indisi o'zgarmaydi

50. Tinch turgan jism orasidagi burchak  $60^\circ$  bo'lgan ikki 30 va 50 N kuchlar ta'sirida 4 m ko'chgan. Bunda qanday ish bajarilgan (J)?

- A) 280 B) 420 C) 560 D) 140

51. To'g'ri fikrni ko'rsating. Magnit maydon induksiya chiziqlari

- ...  
 A) egri chiziq, uzlukli  
 B) magnit zaryadlarida boshlanadi va tugaydi  
 C) doimo berk  
 D) tokli o'tkazgichlarda boshlanadi va tugaydi

52. Elektronning tinch holatdagi energiyasi necha elektron-voltga teng?

$$m_e = 9,1 \cdot 10^{-31} \text{ kg}$$

- A)  $2,7 \cdot 10^{-6}$  B)  $0,51 \cdot 10^6$   
 C)  $5,4 \cdot 10^{-31}$  D)  $8,2 \cdot 10^{-15}$

53. Atomlar yadrosi qanday zarralardan tashkil topgan?

- A) faqat neytronlardan  
 B) proton va elektronlardan  
 C) proton va neytronlardan  
 D) neytron va elektronlardan

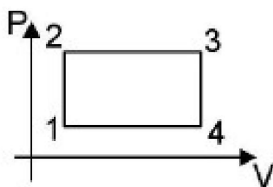
54. Prujinani 2 sm ga siqish uchun 4 kN kuch kerak bo'lsa, uni shunday uzunlikka cho'zish uchun qanday ish (J) bajariladi?

- A) 40 B) 8 C) 12 D) 80

55.  $100^\circ\text{C}$  temperaturali 10 kg suv bug'i olish uchun qanday (J) issiqlik miqdori kerak bo'ladi? Suvning solishtirma bug'lanish issiqligi  $2,2 \cdot 10^6 \text{ J}/(\text{kg} \cdot \text{K})$  J/kg ga teng.

- A)  $2,2 \cdot 10^{-6}$  B)  $10 \cdot 10^6$  C)  $2,2 \cdot 10^6$  D)  $2,2 \cdot 10^7$

56. Rasmda tasvirlangan ideal gaz holatining o'zgarishini ifodalovchi diagrammaning qaysi nuqtasida gazning ichki energiyasi eng katta bo'ladi?



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

57. Sim konturning yuzidan o'tayotgan magnit oqim 0,2 s davomida 0,1 dan 0,2 Wb gacha tekis ortadi. Shu konturda hosil bo'lgan induksiya EYK ini aniqlang (V).

- A) 50 B) 0,05 C) 5 D) 0,5

58. Zichligi  $1000 \text{ kg/m}^3$  bo'lgan jism  $1000 \text{ kg/m}^3$  zichlikli suyuqlikda qalqib chiqmoqda. Agar uning harakatiga suyuqlik qarshilik ko'rsatmaganda edi, jism qanday tezlanish ( $\text{m/s}^2$ ) bilan ko'tarilgan bo'lar edi?

- A) 0,53 B) 0 C) 1,76 D) 1,11

59. Ideal gazning hajmi  $\frac{V}{T^2} = \text{const}$  tenglamaga muvofiq 4 marta

kamaygan bo'lsa, uning bosimi qanday o'zgaradi?

- A) 2 marta ortadi B) 1,41 marta kamayadi  
 C) 2 marta kamayadi D) 4 marta ortadi

60.  $300 \Omega$  aktiv qarshilik va kondensator ketma-ket ulangan zanjirdagi o'zgaruvchan kuchlanishning chastotasi shundayki, kondensatorning sig'im qarshiligi  $400 \Omega$  ga teng. Bu zanjirning umumiy qarshiligi qanday ( $\Omega$ )?

- A) 100 B) 350 C) 700 D) 500

## MATEMATIKA

61.  $f(x) = ax^2 + bx + c$  funksiya uchun  $a \neq 0$  va barcha  $x$  lar uchun  $f(x) < 0$  (ekanligi ma'lum) bo'lsa quyidagilarning qaysi biri doim o'rinni?

- A)  $a \cdot c < 0$  B)  $\frac{b}{a} < \frac{c}{a} + 1$   
 C)  $a \cdot (a+b+c) < 0$  D)  $(a-b+c) \cdot c < 0$

62.  $(x-2)(3x-2)=0$  bo'lsa,  $6x+4$  ifodaning qabul qilishi mumkin bo'lgan qiymatlari yig'indisini toping.

- A) 8 B) 24 C) 16 D) 20

63. Ichki burchaklari yig'indisi tashqi burchaklari yig'indisidan  $720^\circ$  ga katta bo'lgan ko'pburchakning tomonlari sonini toping.

- A) 10 B) 5 C) 8 D) 6

64.  $\int (5x+6+x^2) dx$  ni hisoblang.

- A)  $x^3/3 + x^2/2 + 6x + C$  B)  $x^3/3 + 5x^2/2 + 6x + C$   
 C)  $x^3/3 + 5x^2/2 + 3x + C$  D)  $x^3/3 - 5x^2/2 + 6 + C$

65.  $y = |x^2 - 4| + x^2 - 2$  funksiyaning qiymatlar sohasini ko'rsating.

- A)  $(0; \infty)$  B)  $[-2; \infty)$  C)  $[4; \infty)$  D)  $[2; \infty)$

66. Qancha butun son  $\sqrt{6x - x^2 - 4} > x - 4$  tengsizlikni qanoatlantiradi?

- A) 3 B) 2 C) 5 D) 4

67.  $y = -x^3/3 + 3x^2 - 5x - 4$  funksiya maksimal qiymatining absissasi qaysi oraliqda yotadi?

- A)  $(1; 3)$  B)  $(-1; 1)$  C)  $(3; 7)$  D)  $(-2; 0)$

68.  $b, 2b+2, 3b+4 \dots$  arifmetik progressiyaning dastlabki 12 ta hadi yig'indisi 288 ga teng.  $b$  ni toping.

- A) 3 B) 5 C) 7 D) 2

69.  $a$  va  $b$  orqali ifodalangan  $m$  ning qanday qiymatida

$$x(x+3a)(x+b)(x+3a+b) + \frac{m^2}{4} \quad (1) \text{ ifoda to'la kvadrat bo'ladi?}$$

- A) To'g'ri javob keltirilmagan B)  $\pm 3ab$   
 C)  $\pm \frac{ab}{3}$  D)  $4a^2b^2$

70. Bir odam avval maoshining yarmini, keyin oltidan bir qismini, keyinroq esa qolganining yarmini oldi. Agar olgan pulining beshdan bir qismi 350 so'm bo'lsa, u odam yana qancha (so'm) pul olishi kerak?

- A) 70 B) 350 C) 175 D) 35

71.  $\sqrt{4^{x-1} + \frac{15}{4^{1-x}}} = 32$  tenglamaning haqiqiy ildizlari yig'indisini toping.

- A) 5 B) 4 C) 5,5 D) 4,5

72.  $\frac{\sqrt{x^2-x-30}}{\sqrt{|x^2-x-42|}}$  funksiyaning aniqlanish sohasini toping  
 A)  $(-\infty; -6) \cup (-6; -5] \cup [6; 7) \cup (7; \infty)$  B)  $(7; \infty)$   
 C)  $(-\infty; -5] \cup [6; \infty)$  D)  $(-\infty; -6) \cup (-6; 7) \cup (7; \infty)$
73. Muntazam to'rtburchakli prizma asosining yuzi  $Q$  ga teng. Ikkita yoqning diagonallari 1:3 kabi nisbatda. Prizmaning hajmini toping.  
 A)  $Q\sqrt{15Q}$  B)  $3Q\sqrt{Q}$   
 C)  $Q\sqrt{17Q}$  D)  $\frac{1}{2}Q\sqrt{17Q}$
74. Aylana radiusi 6 ga teng. Ushbu aylanaga ichki chizilgan muntazam uchburchak yuzini toping.  
 A)  $27\sqrt{2}$  B)  $18\sqrt{5}$  C) 27 D)  $27\sqrt{3}$
75.  $\sqrt{\log_2 x - 1} + 0,5 \log_{0,5} x^3 + 2 > 0$  tengsizlikni yeching.  
 A) [2; 4) B) (2; 4] C) [2; 3) D) (2; 3]
76.  $f(x) = e^x - \frac{1}{x+1}$  ning barcha boshlang'ich funksiyalarini toping.  
 A)  $e^{x-1} - \ln(x+1) + C$  B)  $e^x - \ln x + C$   
 C)  $e^{x-1} - (x+1) + C$  D)  $e^x - \ln|x+1| + C$
77.  $\cos^4 x - \sin^4 x = 0$  tenglama  $[0; 2\pi]$  da qancha ildizga ega?  
 A) 3 B) 4 C) 0 D) 1
78. Nuqtadan tekislikka og'ma va perpendikular o'tkazilgan. Og'ma va perpendikular orasidagi burchak  $\arccos \frac{4}{5}$  ga teng, og'maning tekislikka proyeksiyasi esa 36 ga teng. Perpendikularning uzunligini topilsin.  
 A)  $28\frac{4}{5}$  B) 27 C) 48 D)  $21\frac{3}{5}$
79. Soddashtiring  $\frac{\cos 3\alpha}{\cos \alpha} - \frac{\sin 3\alpha}{\sin \alpha}$ .  
 A) -2 B)  $2\cos \alpha$  C) 2 D)  $2\sin \alpha$
80. To'rtburchakli muntazam piramida asosining tomoni 10 m, balandligi 12 m bo'lsa, to'la sirtining yuzi qanday bo'ladi ( $m^2$ )?  
 A) 345 B) 480 C) 540 D) 360
81.  $\sqrt{9+4x+2x^2} - \sqrt{2x^2-4x+9} = 4x$  tenglamani yeching.  
 A)  $\{-2; 2\}$  B)  $\{-2; 0; 2\}$  C)  $(-2; 2)$  D) 0
82.  $\sqrt{3}\cos^2 x = \sin x \cdot \cos x$  tenglamani yeching.  
 A)  $\pi/2 + \pi n, \pi/3 + \pi k, n, k \in Z$  B)  $\pi/2 + 2\pi k, \pi/3 + 2\pi k, k \in Z$   
 C)  $\pi/2 + \pi k, k \in Z$  D)  $\pi/3 + \pi k, k \in Z$
83.  $y = |x-1|$ ;  $x = -1$ ;  $x = 2$ ;  $y = 0$  chiziqlar bilan chegaralangan figura absissalarining o'qi atrofida aylanishidan olingan jismning hajmini toping.  
 A)  $5\pi$  B)  $4\pi$  C)  $3\pi$  D)  $\pi$
84.  $\vec{m}$  vektor ikkita  $\vec{p}(2,5;-1)$  va  $\vec{q}(-2;-2)$  nokollinear vektorlar bo'yicha shunday ajratilganki, bunda  $\vec{m} = 4\vec{p} + 2\vec{q}$ .  
 $\vec{m}$  vektorning uzunligini toping.

A) 10 B) 14 C) 12 D) 8

85. Konusning balandligi 9 ga, yasovchisi esa 15 ga teng. Konusga ichki chizilgan shar sirtining yuzini aniqlang.  
 A)  $56\pi$  B)  $48\pi$  C)  $64\pi$  D)  $72\pi$
86. Aralastirilgan alifbodan foydalanib berilgan jumlaning kodlang.  
 "Joriy yilda men albatta talaba bo'laman". (lotin yozuviga asoslangan o'zbek alifbosida)  
 A) 09 14 17 08 23 23 08 11 03 01 12 04 13 01 11 02 01  
 19 19 01 19 01 11 01 02 01 02 14 11 01 12 01 13.  
 B) 09 14 17 08 23 23 08 11 03 01 12 04 13 01 11 02 01  
 19 19 01 19 01 11 01 02 01 02 25 11 01 12 01 13.  
 C) 09 14 17 08 23 23 08 11 03 01 18 04 13 01 11 02 01  
 19 20 01 19 01 11 01 02 01 02 25 11 01 12 01 13.  
 D) 09 14 17 09 23 23 08 11 03 01 12 04 13 01 11 12 01  
 19 19 01 19 01 11 01 02 01 02 25 11 01 12 01 13.
87. Informatika o'rganadigan asosiy ashyoni aniqlang.  
 A) algoritm. B) dastur.  
 C) kompyuter. D) axborot.
88. O'n oltilik sanoq sistemasidagi 1AB2 sonni o'nlik sanoq sistemasiga o'tkazing.  
 A) 11261 B) 15262 C) 22734 D) 12823
89. MS Excel dasturida quyidagi formulaning natijasini aniqlang: =СТЕПЕНЬ(3;4) +СУММА(14;1;5)  
 A) 88 B) 84 C) 105 D) 101
90. Quyidagi Paskal dasturi lavhasi bajarilishi natijasida qora fonli ekranda qanday shakl aks etadi.  
 Setcolor(15); Line(10,10,100,100);  
 Setcolor(0); Line(100,100,10,10);  
 A) Burchak B) Kesma  
 C) To'rtburchak D) Hech qanday