



O'ZBEKISTON RESPUBLIKASI VAZIRLAR MAHKAMASI
DAVLAT TEST MARKAZI

REPITISION TEST TOPSHIRUVCHILAR UCHUN

SAVOLLAR KITOBI

ABITURIYENT: _____

F.I.O. _____

Imzo _____

ABITURIYENT DIQQATIGA!

Test topshiriqlarini yechishdan avval savollar kitobini varaqlab, unda har bir fan bo'yicha 36 ta savol mavjudligini tekshiring. Agar savollar soni kamligi aniqlansa yoki savollar kitobi raqami bilan javoblar varag'i raqami bir xil bo'lmasa, darhol auditoriya rahbariga ma'lum qiling.

Savollar kitobida abituriyentning familiyasi, ismi, otasining ismi xato to'ldirilgan yoki to'ldirilmagan va imzosi qo'yilmagan hollarda e'tirozlar ko'rib chiqilmaydi.

Kitob tipi: **48 (636624)**

FANLAR:

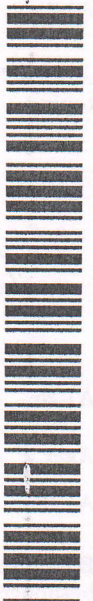
Blok 1: Matematika (informatika bilan)

Blok 2: Fizika

Blok 3: Ingliz tili

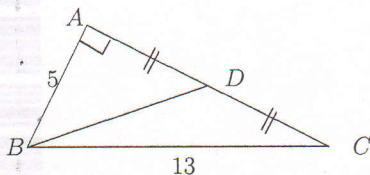
Savollar kitobi raqami: **1912975**

Toshkent – 2015



MATEMATIKA (INFORMATIKA BILAN)

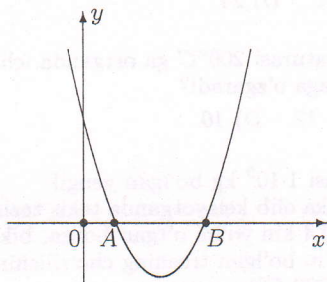
1. $\frac{a+b}{\sqrt{a}+\sqrt{b}} : \left(\frac{a+b}{\sqrt{ab}} - \frac{b}{\sqrt{ab}-a} - \frac{a}{\sqrt{ab}+b} \right)$ ifodani soddalashtiring. ($a > 0, b > 0$)
A) 0 B) $a-b$ C) 1 D) $\sqrt{a}-\sqrt{b}$
2. $y = \frac{8}{3}\sqrt{x}$, $y = -x^3$ va $y = 8$ chiziqlar bilan chegaralangan yopiq figura yuzini hisoblang.
A) 42 B) 32 C) 48 D) 36
3. Agar $2 \leq x \leq y \leq z \leq t \leq 128$ bo'lsa, $\frac{x}{y} + \frac{z}{t}$ ifodaning eng kichik qiymatini toping.
A) 0,75 B) 0,25 C) 0,5 D) 1,6
4. Konus-o'q kesimining perimetri 72 ga, uning balandligi 24 ga teng. Uning hajmini toping.
A) 400π B) 800π C) 960π D) 720π
5. Ikkita natural sonni 3 ga bo'lganda qoldiqda 1 va 2 qoldi. Bu sonlar kvadratlarining musbat ayirmasini uchga bo'lganda qanday qoldiq qoladi?
A) 0 B) 1 C) 1 yoki 2 D) 2
6. $t\alpha + ct\alpha \geq 2$ tengsizlik qachon o'rinli?
A) $\pi n < \alpha < \pi + \pi n, n \in \mathbb{Z}$
B) $-\frac{\pi}{2} + \pi n < \alpha < \frac{\pi}{2} + \pi n, n \in \mathbb{Z}$
C) $\pi n < \alpha < \frac{\pi}{2} + \pi n, n \in \mathbb{Z}$
D) $-\pi n + \pi n < \alpha < \pi n, n \in \mathbb{Z}$
7. Bankka 50000 so'm pul qo'yildi. Bir yildan so'ng jamg'arma $p\%$ ga ko'paydi. Jamg'armaning miqdori necha so'mga yetdi?
A) $50000p$ B) $50000 + 100p$ C) $500(p+100)$
D) $50000(p+100)$
8. $\frac{27}{13}$ soni $5\frac{1}{3}$ ga ortgan bo'lsa, necha marta ko'paygan?
A) $2\frac{1}{3}$ B) $7\frac{1}{8}$ C) $3\frac{46}{81}$ D) $5\frac{1}{3}$
9. $AB \perp AC$, $AD = DC$, $BC = 13$, $AB = 5$ bo'lsa, $\vec{BD} \cdot \vec{CD}$ ni toping.



- A) 25 B) 36 C) -25 D) -36
10. Agar $2^x = a$ bo'lsa, $2^{2(x+2)}$ ni a orqali ifodalang.
A) $16a^2$ B) 2^a C) 2^{4a} D) $\frac{1}{2^a}$
11. Bir burchagi qavariq, qolgan burchaklari botiq bo'lgan beshburchakning ichki burchaklari yig'indisini toping.
A) 720° B) 540° C) 450° D) 960°
12. Arifmetik progressiyada $a_1 + a_3 + a_5 + \dots + a_9 = 50$, $a_2 + a_4 + a_6 + \dots + a_{10} = 75$ bo'lsa, d ni toping.
A) 3 B) 5 C) 6 D) 15
13. $\sin x = 0$, $1x$ tenglama nechta ildizga ega?
A) 7 ta B) 3 ta C) 10 ta D) 5 ta
14. Teng yonli uchburchakning yon tomoni 20 sm. Agar uning asosi yon tomonining 0,6 qismini tashkil qilsa, unga tashqi chizilgan aylana radiusini (sm) toping.
A) $12\sqrt{91}$ B) $\frac{12\sqrt{91}}{13}$ C) $\frac{100\sqrt{91}}{91}$ D) 52
15. $\log_2 1 + \log_2 \frac{1}{2} + \log_2 \frac{1}{8}$ ni hisoblang.
A) -6 B) -4 C) -5 D) -3
16. $\vec{a}(3; -3; 0)$ va $\vec{b}(-6; 3; 3)$ vektorlar berilgan. $2\vec{a}$ va $\frac{1}{3}\vec{b}$ vektorlar orasidagi burchakni toping.
A) 60° B) 120° C) 135° D) 150°
17. $A(2; -5)$ nuqtadan o'tuvchi va $y = x^2 - 6x + 5$ parabola ga urinuvchi to'g'ri chiziqning urinish nuqtasi absissalari ko'paytmasini toping.
A) 2 B) -4 C) -2 D) 4
18. AB kesmaning uchlaridan va uning o'rtasidagi M nuqtadan chiqarilgan parallel to'g'ri chiziqlar biror tekislikni A_1, B_1, M_1 nuqtalarda kesib o'tadi. Agar $BB_1 = 7$ m, $AA_1 = 5$ m va AB kesma tekislikni kesib o'tmagan bo'lsa, MM_1 kesma uzunligini (m) toping.
A) 5 B) 6,2 C) 6 D) 6,4
19. $4x \cdot \frac{|x-\pi|}{x-\pi} - x^2 - 2 = 0$ tenglamaning ildizlari yig'indisini toping.
A) $-2 - \sqrt{2}$ B) $-2 + \sqrt{2}$ C) $-4 + \sqrt{2}$ D) $-4 - \sqrt{2}$
20. ABC to'g'ri burchakli uchburchakda C to'g'ri burchak, $BC = 15$, $AC = 8$ uning B burchagi sinusi va tangensi nisbatini toping.
A) $\frac{8}{15}$ B) $\frac{17}{15}$ C) $\frac{15}{17}$ D) $\frac{8}{17}$
21. $\left(1 - \frac{1}{a}\right) \left(1 - \frac{1}{a-1}\right) \left(1 - \frac{1}{a-2}\right) \dots$
 $\dots \left(1 - \frac{1}{3}\right) \left(1 - \frac{1}{2}\right) = \frac{1}{30}$ bo'lsa, a ning qiymatini toping.
A) 30 B) 15 C) 6 D) 10
22. $(x; y)$ sonlar jufti $\begin{cases} \frac{3x}{1-x} + \frac{y}{y+1} = 5 \\ \frac{x}{1-x} + \frac{3y}{y+1} = 7 \end{cases}$ tenglamalar sistemasi yechimi bo'lsa, $6x + y$ ning qiymatini toping.
A) 1 B) -1 C) 0 D) -2
23. $y = 6 + \frac{x^{\frac{4}{5}}}{25}$, $y' = ?$
A) $\frac{4x^{-\frac{1}{5}}}{25} + 6$ B) $\frac{4}{5\sqrt[5]{x}}$ C) $\frac{4}{125 \cdot x^{0,2}}$ D) $\frac{4}{5\sqrt[5]{x}} + 6$
24. $1, 16(6) + 0, 12(3)$ ni hisoblang.
A) 19 B) $1\frac{29}{100}$ C) $\frac{7}{30}$ D) $1\frac{7}{90}$
25. Aylanaga tashqi chizilgan muntazam oltiburchakning tomoni $\sqrt{12}$ bo'lsa, aylana ichki chizilgan kvadratning yuzini hisoblang.
A) 16 B) 12 C) 24 D) 18
26. $\sigma(n) = 28$ bo'ladigan eng katta n natural sonni toping. Bu yerda $\sigma(n)$ - n sonining natural bo'luvchilari yig'indisi.
A) 16 B) 27 C) 12 D) 10

27. XOY dekart koordinatalar tekisligida $A(3;2)$, $B(1;3)$, $M(2;1)$ va $N(z;-1)$ nuqtalar belgilangan bo'lib, ulardan tuzilgan \vec{AB} va \vec{MN} vektorlar o'zaro parallel bo'lsa, z nechga teng?
A) 6 B) 3 C) 1 yoki 3 D) 5

28. Rasmda $y = x^2 - 5x - 2m + 2$ funksiyaning grafiqi parabola berilgan bo'lib, uning uchun $OB-OA=3$ bo'lsa, m ning qiymati qanday?



- A) -1 B) 1 C) -1, 5 D) -2
29. Agar $a = -1$, $b = -3$ bo'lsa, $\frac{2|a+b| + 3|a-b| - |b|}{|a+b|^2}$ ni hisoblang.

A) $-\frac{1}{2}$ B) $\frac{11}{16}$ C) 15 D) $\frac{1}{3}$

30. Tenglamani yeching:
 $\sqrt{3}\cos^2 x = \sin x \cdot \cos x$

A) $\frac{\pi}{2} + 2\pi k, \frac{\pi}{3} + 2\pi k, k \in Z$

B) $\frac{\pi}{2} + \pi n, \frac{\pi}{3} + \pi k, k, n \in Z$

C) $\frac{\pi}{2} + \pi k, k \in Z$

D) $\frac{\pi}{3} + \pi k, k \in Z$

31. Texnik vositalarda boshqarish va ma'lumotlarni qayta ishlashning barcha funksiyalari inson ishtirokisiz amalga oshiriladigan axborot tizimlari - bu ...

A) avtomatlashtirilgan axborot tizimlari

B) qo'llik axborot tizimlari C) avtomatik axborot tizimlari

D) mexanik axborot tizimlari

32. Barcha $a, b \in R$ uchun mantiqiy ifoda qiymatini aniqlang:
 $(a^4 + b^4) \geq 2 \cdot a^2 \cdot b^2 \wedge (a^2 - b^2) = (a - b) \cdot (a + b)$

A) Sodda mulohazalardan ba'zilarini qiymatini aniqlab bo'lmaydi

B) Rost

C) Yolg'on

D) Mantiqiy ifoda xato yozilgan

33. Kompyuterga dasturiy ta'minotni o'rnatish jarayoni ... deyiladi.

A) installyatsiya B) defragmentatsiya C) arxivlash

D) deinstallyatsiya

34. MS Excel 2003 dasturida yozilgan quyidagi funksiyaning qiymatini toping.
=CP3HAЧ (31;10;12;7)

A) 15 B) 16 C) 12 D) 14

35. HTML tilida tartiblangan ro'yxatlarni berish uchun qanday teglar ishlatiladi?

A) $\langle ul \rangle \dots \langle /ul \rangle$ B) $\langle tr \rangle \dots \langle /tr \rangle$ C) $\langle ol \rangle \dots \langle /ol \rangle$

D) $\langle tt \rangle \dots \langle /tt \rangle$

36. Paskal tilida ketma-ketlik ko'rinishida yozilgan quyidagi massiv elementlari sonini aniqlang:
 $S[10,5], S[10,4], S[10,3], S[9,5], \dots, S[5,3]$
A) 15 B) 24 C) 9 D) 18

FIZIKA

37. Elektr zanjirida lampochkaga parallel ulangan voltmeter uch voltni ko'rsatmoqda. Ma'lum vaqt davomida yigirma to'rt joul ish bajarilishi uchun lampochkadan nechta elektron o'tishi kerak? $e = -1,6 \cdot 10^{-19}$ C
A) $5 \cdot 10^{18}$ ta B) $5 \cdot 10^{29}$ ta C) $5 \cdot 10^{20}$ ta D) $5 \cdot 10^{19}$ ta
38. Ikki kondensatordagi zaryadlar q va $3q$ ga, kuchlanishlar mos ravishda U va $4U$ ga teng. Agar bu kondensatorlarni qutblari teskari holda ulansa, o'tkazgichlarda qancha issiqlik ajralib chiqadi?
A) $27qU/14$ B) $75qU/14$ C) $32qU/7$ D) $15qU/4$
39. Elektrlamp ballonida 100 W, 220 V yozilgan. Sovuq holda cho'g'lanish tolasi qarshiligini o'lchash uchun lampaga 2 V kuchlanish berildi, bunda tok kuchi 54 mA bo'ldi. Volfram tolaning cho'g'lanish temperaturasini ($^{\circ}\text{C}$) toping.
 $\alpha = 0,0048 \frac{1}{\text{K}}$
A) 2514 B) 514 C) 3514 D) 1514
40. Induksiyasi 0,05 T bo'lgan bir jinsli magnit maydon kuch chiziqlariga perpendikular ravishda $2 \cdot 10^5$ m/s tezlikda uchib kirgan elektronga magnit maydon tomonidan qanday kuch ta'sir qiladi (N)? Elektron zaryadi $1,6 \cdot 10^{-19}$ C.
A) $1,6 \cdot 10^{-14}$ B) $1,6 \cdot 10^{-15}$ C) $1,6 \cdot 10^{-12}$ D) $1,6 \cdot 10^{-19}$
41. Toza kremniy moddasining yutilish spektri qanaqa ekanligini aniqlang.
A) yutilish spektriga ega emas B) yo'l-yo'l C) chiziqli D) uzluksiz
42. Suv bug'i molekularari zichligi $1,43 \text{ kg/m}^3$, o'rtacha kinetik energiyasi $10 \cdot 10^{-21}$ J. 1 g massaga ega bo'lgan suv bug'i qanday bosim (kPa) hosil qiladi?
A) 180 B) 225 C) 200 D) 318
43. Yuqoridan tik erkin tushayotgan jismning $(n+2)$ chi sekunddagi ko'chishi $(n+3)$ chi sekunddagi ko'chishidan qanchaga (m) farq qiladi? $g=10 \text{ m/s}^2$
A) 20 ga B) 15 ga C) 10 ga D) 13 ga
44. Tovushni qaytarayotgan to'siqqacha masofa 68 m bo'lsa, qancha vaqtdan (s) so'ng odam aks-sadoni eshitadi? Tovush tezligi 340 m/s ga teng deb hisoblansin.
A) 0,5 B) 0,3 C) 0,4 D) 0,2
45. Suv qizil yorug'lik bilan yoritilgan. Uning to'liq uzunligi havoda $7 \cdot 10^{-7}$ m bo'lsa, suvda qancha (μm) bo'ladi? Suv ostida ko'zini ochgan odam qanday rangni ko'radi?
A) 0,93; qizil B) 0,93; yashil C) 0,54; qizil D) 0,54; yashil
46. Azot molekulasining 310 K temperaturadagi o'rtacha kvadratik tezligini (m/s) toping. Azotning molyar massasi $\mu=0,028 \text{ kg/mol}$.
A) 525 B) 550 C) 575 D) 500
47. Massasi 5 kg bo'lgan brusokka gorizontga nisbatan $\alpha=\pi/6$ burchak ostida pastga yo'nalgan 10 N kuch ta'sir qilmog'da. Ishqalanish koeffitsiyenti qanchaga teng bo'lganida brusok tekis harakat qiladi?
A) 0,24 B) 0,8 C) 0,16 D) 0,07
48. Elektr zanjirdagi iste'molchiga 10 V kuchlanish berilganda undagi tok kuchi yarim amperga teng bo'ladi. Shu iste'molchida tok kuchi bir amperga yetishi uchun unga qanday kuchlanish (V) berish kerak?
A) 15 B) 20 C) 10 D) 5

49. C sig'imli ikki kondensator U va $2U$ kuchlanish bilan zaryadlangan. Ularning qutblarini teskari holda ulansa, kondensator batareyasidagi natijaviy zaryad qanday bo'ladi?
A) $2CU$ B) $CU/2$ C) $5CU/2$ D) CU
50. Shossening gorizontal qismida 108 km/h tezlik bilan ketayotgan avtomobil tormozlanish yo'lining (m) minimal qiymatini aniqlang. Ishqalanish koeffitsiyenti 0,3 ga teng, $g=10 \text{ m/s}^2$.
A) 150 B) 200 C) 400 D) 300
51. Bir atomli ideal gaz temperaturasi 10 K oshirilganda uning molekulari o'rtacha kvadratik tezligi 100 m/s dan 120 m/s ga yetgan. Molekular tezligi 200 m/s dan 500 m/s gacha ortganda temperatura qanchaga ortadi?
A) 480 B) 495 C) 477 D) 490
52. 273 K temperaturali muz bo'lagi qanday balandlikdan (km) erkin tushib yerga urilganda to'la erib ketadi? Muz bo'laging yerga urilishi natijasida hosil bo'lgan energiyaning teng yarmi muzga beriladi deb hisoblang. Muzning solishtirma erish issiqligi $330 \cdot 10^3 \text{ J/kg}$, $g=10 \text{ m/s}^2$ deb oling.
A) 99 B) 153 C) 33 D) 66
53. Yassi ko'zguga nur 24° burchak ostida tushmoqda. Tushayotgan nurning yo'nalishi o'zgartirilmasdan ko'zgu ma'lum burchakka burilganda, qaytgan nur 20° ga burilgan bo'lsa, qaytgan nur bilan ko'zgu tekisligi orasidagi burchak necha gradusga teng bo'lib qoladi?
A) 48° B) 66° C) 40° D) 56°
54. Tebraniş konturida xususiy tebranişlarning siklik chastotasi ikki marta kamaysa, elektromagnit maydonning to'la energiyasi qanday o'zgaradi?
A) 4 marta kamayadi B) 2 marta kamayadi
C) 4 marta ortadi D) 2 marta ortadi
55. Dastlab tinch turgan 2 kg massali jism 3 N doimiy kuch ta'sirida tezlashmoqda. 1,5 minut vaqt davomida kuch bajargan ishni (kJ) hisoblang.
A) 18.2 B) 38.3 C) 43.2 D) 27.6
56. $M = 10 \text{ kg}$ massa va $V=500 \text{ m/s}$ tezlikka ega bo'lgan snaryad portlab ikki bo'lakka bo'lindi, $M/4$ massa va V tezlikka ega bo'lgan birinchi bo'lak dastlabki yo'nalishiga nisbatan $\pi/2$ burchak ostida uchib ketdi. Ikkinchi bo'lakning impulsi snaryadning dastlabki impulsidan necha marta katta?
A) 3.79 B) 1.03 C) 1.62 D) 0.67
57. Massasi 8 kg, hajmi 10 l bo'lgan tarvuz suvga tushib ketsa, hajmining qancha qismi suvga botadi?
A) 0,25 B) 0,5 C) 0,6 D) 0,8
58. Ko'ndalang kesim yuzasi $1,1 \cdot 10^{-6} \text{ m}^2$ ga teng bo'lgan 3 m uzunlikdagi nixrom simdagi tok kuchi 500 mA ga teng bo'lsa, uning uchlariidagi potentsiallar farqi necha voltga teng bo'ladi? Nixromning solishtirma qarshiligi $1,1 \cdot 10^{-4} \Omega \cdot \text{sm}$ ga teng.
A) 2 B) 3,3 C) 1,5 D) 5,5
59. Qozonda 3 tonna suvni isitish uchun 0,04 tonna toshko'mir yoqilgan. Suvning boshlang'ich temperaturasi 10°C va yoqilg'ining issiqlik berishi 60%, qozondagi suv necha gradusgacha isiydi? $c=4200 \text{ J/(kg}\cdot\text{K)}$; $q=3 \cdot 10^7 \text{ J/kg}$
A) 50 B) 67 C) 60 D) 80
60. Quyidagi o'lchov birliklarining qaysilari Xalqaro birliklar sistemani (XBS) asosiy birliklariga mansub?
1) gentri (H); 2) kilogramm (kg); 3) amper (A); 4) sekund (s); 5) kelvin (K); 6) m/s; 7) nyuton (N); 8) joule (J); 9) metr (m)
A) 3,4,5 B) 1,2,3 C) 2,3,4,5,9 D) 2,6,7,9
61. Quvvati 0,1 kW bo'lgan yorug'lik manbai 1 s ichida $5 \cdot 10^{20}$ ta foton chiqaradi. Nurlanishning o'rtacha to'lqin uzunligini (μm) toping. $h=6,62 \cdot 10^{-34} \text{ J}\cdot\text{s}$ va $c=3 \cdot 10^8 \text{ m/s}$.
A) 0,99 B) 0,2 C) 0,29 D) 0,26
62. Daraxtning 100 m uzoqlikdan tushirilgan rasmi negativda 0,012 m bo'lgan. Obyektivning fokus masofasi 0,05 m bo'lsa, daraxtning haqiqiy balandligini (m) toping.
A) 32 B) 30 C) 26 D) 24
63. 20 g geliyning temperaturasi 200°C ga ortganda ichki energiyasi (kJ) qanchaga o'zgaradi?
A) 20 B) 12,5 C) 12 D) 10
64. Yuk avtomobili massasi $1 \cdot 10^3 \text{ kg}$ bo'lgan yengil avtomashinani shatakka olib kelayotganda tekis tezlanuvchan harakatlanib 50 s da 0,4 km yo'lni o'tgan bo'lsa, bikriklik koeffitsiyenti $2 \cdot 10^6 \text{ N/m}$ bo'lgan trosning cho'zilishini (mm) toping. Yung moduli 200 GPa ga teng.
A) 0,64 B) 0,16 C) 0,23 D) 0,36
65. 2 kg va 1 kg massali silindrlar qo'zg'almas blok orqali vaznsiz ipga osilgan. Bunda birinchi silindrning 4% qismi suvga botganda muvozanat vujudga kelgan. Silindrlarning zichligini (kg/m^3) aniqlang.
A) 80 B) 40 C) 20 D) 100
66. $x = t^2 + 8t + 20$ qonuniyat bo'yicha harakatlanayotgan jismning massasi 5 kg bo'lsa, 3 s davomida uning impulsi ($\text{kg}\cdot\text{m/s}$) qanchaga o'zgaradi?
A) 32 B) 30 C) 26 D) 18
67. $M = 10 \text{ kg}$ massa va $V=500 \text{ m/s}$ tezlikka ega bo'lgan snaryad portlab ikki bo'lakka bo'lindi, $M/4$ massa va V tezlikka ega bo'lgan birinchi bo'lak dastlabki yo'nalishiga nisbatan teskari yo'nalishda uchib ketdi. Ikkinchi bo'lak tezligi va snaryadning dastlabki tezligi orasidagi burchak kosinusi hisoblansin.
A) -0.65 B) 0.65 C) 1 D) -1
68. 25 k Ω va 15 k Ω li o'zaro parallel ulangan rezistorlar elektr tarmog'iga ulandi. Ikkinchi rezistordagi tok kuchi 25 mA ga teng bo'lgan bo'lsa, tarmoqdagi tok kuchini (mA) toping.
A) 15 B) 40 C) 20 D) 50
69. $2q$ va q zaryad berilgan bir xil jismlar bir-biriga tekizilib oldingi masofadan ikki marta qisqa masofaga joylashtirilsa, ular orasidagi o'zaro ta'sir kuchi qanday o'zgaradi?
A) 3 marta ortadi B) 4,5 marta ortadi
C) 2,5 marta kamayadi D) 4 marta kamayadi
70. Elektron atomni ionlashi uchun kamida qanday tezlikka (Mm/s) ega bo'lishi kerak? Atomning ionizatsiya energiyasi $0,392 \cdot 10^{-17} \text{ J}$. Elektron massasi $9,1 \cdot 10^{-31} \text{ kg}$.
A) 3,22 B) 2,94 C) 29,4 D) 3,37
71. Bir jinsli magnit maydoniga induksiya vektorining yo'nalishiga $\pi/3$ burchak ostida 100 m/s tezlik bilan uchib kirgan zarracha spiral trayektoriya bo'ylab harakat qiladi. Induksiya vektorining moduli 3 T, zarrachaning zaryad miqdori $50 \mu\text{C}$, massasi 0,3 mg ga teng. Spiral qadamining uzunligini (sm) toping.
A) 50 B) 62,8 C) 31,4 D) 25
72. Sim ramka bir jinsli magnit maydonda aylantirilganda ramkani kesib o'tuvchi induksiya oqimi vaqt o'tishi bilan $\Phi = 10^{-2} \cos 10\pi t$ qonunga asosan o'zgaradi. Ramkaning aylanish chastotasi (Hz) qanday?
A) 4 B) 6 C) 5 D) 10π

73. Choose the answer which correctly completes the sentence.
You can watch the film ... you promise to go straight to bed when it finishes.
A) so as B) unless C) while D) as long as
74. Choose the correct answer for the following question.
You couldn't give him a book, ... you?
A) can't B) could C) couldn't D) can
75. Choose the answer which correctly completes the sentence.
Magazines like "Times", "Newsweek", "U.S. News" and "World Report" provide the reader ... a pictorial report of the week's events.
A) with B) by C) on D) for
76. Choose the answer which correctly completes the sentence.
I just watched them ... volleyball instead of joining them because I was tired.
A) were playing B) to playing C) played D) playing
77. Choose the answer which correctly completes the sentence.
Neither the clock on the town hall nor my watch ... wrong.
A) have been B) are C) were D) is
78. Choose the answer which correctly completes the sentence.
Ms Marina was shown two ready-made suits, but she didn't like ... of them.
A) either B) neither C) every D) some
79. Choose the answer which correctly completes the sentence.
-Have you moved to the new house yet?
- Yes. The last boxes
A) have just been moved B) have just moved
C) were just moving D) were just moved
80. Choose the best answer.
Pupils, let's start the lesson if you ... ready.
A) were B) be C) is D) are
81. After the Constitution was signed, Delaware became the first state ... it.
A) ratify B) ratifying C) was ratifying D) to ratify
82. Choose the answer which correctly completes the sentence.
A chameleon is a tree lizard that can change colours ... to conceal itself in the vegetation.
A) in order B) such C) that D) so
83. Choose the answer which correctly completes the sentence.
No single alphabet has ever ... represented the sounds of Earth's natural languages.
A) perfection B) perfecting C) perfectly D) perfect
84. Choose the answer which correctly completes the sentence.
-I'm going to stay in the same hotel as last year.
- ...?
A) Do you B) Aren't you C) Didn't you D) Are you
85. Now I ... the sauce to see if it needs any more salt.
A) taste B) am tasting C) have tasted D) tasted
86. Choose the answer which correctly completes the sentence.
Mountain ranges vary in age. The Alps are only fifteen million years old, but ... Highlands of Scotland are 400 million years old.
A) a B) some C) - D) the
87. Frost occurs in valleys and on low grounds ... on adjacent hills.
A) more frequently as B) more frequently than
C) frequently than D) as frequently than
88. Choose the answer which correctly completes the sentence.
Then Umid got up from his chair and walked ... to the door like a tired man.
A) slow B) slowly C) slowest D) slowing
89. Professional people expect you to call them when it is necessary ... an appointment.
A) cancel B) canceling C) to cancel D) canceled
90. I think Kate and Peter have fallen They aren't speaking to each other.
A) in love with B) for C) out with D) back on
91. Choose the answer which correctly completes the sentence.
We can't get him on the phone. We ... for 2 hours.
A) try B) were trying C) am trying
D) have been trying
92. Choose the answer which correctly completes the sentence.
I wondered, "When will the program start".
I wondered when ... start.
A) the program will B) would the program
C) the program would D) will the program
93. Choose the answer which correctly completes the sentence.
I'm sure it isn't going to snow, I ... take an umbrella.
A) can't B) don't have to C) mustn't D) oughtn't
94. Choose the best answer.
If we ... the house earlier, we ... it more expensive.
A) painted/ would sell B) hadn't painted/ will have sold
C) had painted/ would have sold
D) painted/ would have sold
95. Choose the answer which correctly completes the sentence.
- What did you have for dinner?
- Nothing. I didn't have ... for dinner today.
A) something B) anything C) none D) any
- Read the text. Then choose the correct answer to question 24-26.
- Palmistry is the practice of 'reading hands', of gaining knowledge about personality, past individual history, and likely future events by examining the shape and size of the fingers and, most important, the lines and bumps on the palms themselves. There is some evidence that palmistry may have begun in the Stone Age. Hand outlines can be seen in black and red pigments on the walls of the ancient caves of Almira in Spain and in other European caves. Palmistry as it exists today probably had its origins in ancient India long before recorded history and found its way into western Europe through nomadic bands of Gypsies, who made contact with Europe in the 15th century.
96. Of the following, the one not mentioned in the passage as a part of palmistry is ...
A) exploring people's pasts. B) learning about character.
C) foretelling the future.
D) changing the events of the future.
97. It is stated in the passage that the most essential thing for a palm reader to do is ...
A) to learn about different personality types.
B) to practise by 'reading' many palms.
C) to look closely at the surface of the palm.
D) to inspect the fingers carefully.
98. The passage explains that it is most likely that palmistry as we know it began ...
A) in caves in Spain. B) in caves of western Europe.
C) in India in ancient times.
D) in various parts of Europe.
- Read the text. Then choose the correct answer for the gaps 27-28 in the text.
- It's Boxing Day. The presents have been opened and many already broken. Everyone has (27) ... too much turkey and is getting bored. Now what you need is to get out for a walk. The (28) ... is how to persuade the kids to join you.
99.
A) been eating B) eaten C) been eaten D) eats

100.

- A) *problem* B) *defect* C) *fear* D) *illness*

Read the text. Then choose the correct answer for the gaps 29-31 in the text.

In 1949 Clarence Birdseye found a better (29) ... to freeze food quickly. It was technology (30) ... people to live and eat better. It was now possible to have fresh fruit and vegetables (31) ... any season of the year.

101.

- A) *style* B) *way* C) *road* D) *path*

102.

- A) *helped* B) *helping* C) *help* D) *will help*

103.

- A) *from* B) *on* C) *at* D) *in*

Read the text. Then choose the correct answer to questions 32-33

MOTHER'S DAY

A special day for the celebration of mothers can be traced to the times of ancient Greece when tribute was paid to Rhea, the mother of many of the Greek gods.

Early Christians also paid tribute to Mary, the mother of God, during Lent. This tribute evolved into "Mothering Sunday" in England. "Mothering Sunday" is a celebration of all mothers, and is observed on the fourth Sunday of Lent.

In 1872 the idea of Mother's Day was suggested in America by Julia Ward Howe. In 1910, West Virginia became the first state to adopt a formal holiday to recognize mothers. A year later, nearly every state officially marked the day of celebration. In 1914, President Woodrow Wilson proclaimed Mother's Day as a national holiday, to be held on the second Sunday of May.

Today, Mother's Day is celebrated in many countries throughout the world, although the celebrations do not fall on the same day in every country.

Mother's Day is celebrated in various ways, depending on the country, the family, and the mother. Many families honor mothers by dining out, giving flowers, sending cards, giving gifts, and visits. Additionally, Mother's Day is reported to be one of the busiest days of the year for telephone calls.

104. Who was the mother of the many gods in ancient Greece?

- A) *Rhea* B) *Mary* C) *Julia* D) *Virginia*

105. Which of the following statements is NOT true about the text?

- A) *Mothers play a special part in our lives.*
 B) *England celebrates Mothering Sunday.*
 C) *Mother's Day is celebrated on the same day all over the world.*
 D) *Formal holiday to honour mothers was first adopted in West Virginia.*

Read the text. Then choose the correct answer to questions 34-36

People's eating habits are formed by a variety of factors. Even within the same family, different children can form different habits as a result of their interactions with parents and brothers and sisters. Parents' attitudes toward food have a strong influence on the development of children's attitudes and create habits that will last a lifetime. If food is used as a reward, the daily behaviors lead to a dependence on food as a source of comfort. If parents tell children to clean their plates, children may eat more than they actually need and become overweight. People who are overweight often see themselves as unattractive.

Eating too much is a common reaction to frustration and anxiety. Some people eat too much when they are tired, worried or scared. Psychologists believe that the reasons for obesity (being very fat) are frequently related to emotional problems and should be looked at in that light.

106. Who has a major influence on the development of eating habits?

- A) *Teachers* B) *Friends* C) *Neighbors* D) *Parents*

107. Children often eat more than they need to ...

- A) *enjoy their meals* B) *clean their plates*
 C) *develop poor eating habits*
 D) *win their parent's approval*

108. The word HABIT in the text means ...

- A) *something very unpleasant but you have to do*
 B) *something very enjoyable*
 C) *something that your parents make you do*
 D) *something that you do often and almost without thinking*