



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: **1912903**

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MATEMATIKA (INFORMATIKA BILAN)

1. To'g'ri burchakli trapetsiyaga ichki chizilgan aylananing radiusi 2 sm, uning katta asosi 12 sm bo'lsa, trapetsiyaning yuzini (sm^2) toping.
A) 28,8 B) 32,04 C) 24 D) 20,24

2. $x^2 + x - 2 = \frac{x^2 + x - 2}{x^2 - 1}$ tenglamaning ildizlari ko'paytmasini toping.
A) -4 B) -2 C) 6 D) 4

3. Tenglamani yeching:
 $4\sin x \cdot \cos x = -1$

A) $(-1)^{k+1} \frac{\pi}{12} + 2\pi k; k \in \mathbb{Z}$

B) $\frac{\pi}{6} + \pi k; k \in \mathbb{Z}$

C) $(-1)^{k+1} \frac{\pi}{12} + \frac{\pi k}{2}; k \in \mathbb{Z}$

D) $(-1)^k \frac{\pi}{12} + \pi k; k \in \mathbb{Z}$

4. $f(x) = \cos|2\pi + 3x| + \sqrt{2 - \frac{1}{|x|}}$ funksiyaning aniqlanish sohasini toping.

A) $x \geq \frac{1}{2}$

B) $x = \frac{1}{2}$

C) $x \leq -\frac{1}{2}; x \geq \frac{1}{2}$

D) $x \leq -\frac{1}{2}$

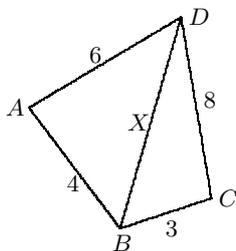
5. Agar konus o'q kesimining yuzi N ga, asosining yuzi M ga teng bo'lsa, konus yon sirtining yuzini toping.

A) $\sqrt{M^2 + N^2} \cdot \pi^2$ B) \sqrt{MN} C) $2\sqrt{MN}$ D) $\sqrt{\pi MN}$

6. Arifmetik progressiyada $a_{11} + a_7 = 6$ ga teng, $a_9^2 - 2$ ni toping.

A) 7 B) 1 C) 3 D) 2

7. Rasmda berilganlarga ko'ra x ning o'zgarish oralig'ini toping.



A) $2 < x < 10$ B) $4 < x < 9$ C) $5 < x < 11$ D) $5 < x < 10$

8. $y = \sin^2(x - \frac{3\pi}{2}) + \sin^2 x$ funksiyaning hosilasini toping.

A) $2\cos x$ B) $2\sin x$ C) 0 D) 1

9. $\frac{1}{\sqrt{2} + \sqrt{3}} + \frac{1}{\sqrt{3} + \sqrt{4}} + \frac{1}{\sqrt{4} + \sqrt{5}} + \dots + \frac{1}{\sqrt{30} + \sqrt{29}}$ ni hisoblang.

A) $\sqrt{30} - \sqrt{2}$ B) $\sqrt{29} - \sqrt{3}$ C) 32 D) $\frac{\sqrt{30} - \sqrt{2}}{2}$

10. $P(x - 3) + P(x + 1) = 2x^2 - 10x + 16$ bo'lsa, $P(x)$ ni toping.
A) $x^2 - 3x + 1$ B) $2x^2 - 9$ C) $x^2 - 3x$ D) $x^2 - x + 3$

11. To'g'ri to'rtburchakning yuzi 56 m^2 ga, perimetri esa 30 m ga teng. Uning tomonlari musbat ayirmasini toping.
A) 2,5 B) 2 C) 1 D) 1,2

12. $2(x - 2)^2 + 2(1 - 1, 5x) = 1$ tenglama ildizlari yig'indisining $\frac{2}{11}$ qismini toping.
A) 2 B) 1 C) 11 D) $\frac{1}{11}$

13. Uchburchakning tomonlari 15, 14, 13 bo'lsa, uchburchakka ichki chizilgan aylana radiusini toping
A) 2 B) 7 C) 4 D) 3

14. Biror sonning 25% ko'pi shu sonning 25% kamidan necha foiz ko'p?
A) $66\frac{2}{3}$ B) $65\frac{2}{3}$ C) 67 D) $66\frac{1}{3}$

15. Amallarni bajaring:

$$\left(\left(\frac{14}{15} - \frac{14}{21}\right) : 1\frac{7}{21} + \frac{2}{5} : \frac{3}{7}\right) : 8\frac{1}{2}$$

A) $\frac{3}{15}$ B) $\frac{4}{15}$ C) $\frac{2}{15}$ D) $\frac{5}{15}$

16. $|7 - 6x| = |8x - 7|$ tenglamani yeching.

A) {2; 1} B) {2; 3} C) {0; 2} D) {0; 1}

17. $f(x) = -3x^2 + 5x^4$, $F(x) = ?$

A) $x^3 + x^5 + c$ B) $-x^3 + x^5 + c$ C) $\frac{x^3}{4} + \frac{x^4}{5} + c$

D) $x^3 + \frac{x^5}{5} + c$

18. $z = \sin \frac{5\pi}{7}$, $y = \cos \frac{6\pi}{7}$ va $x = \cos \frac{10\pi}{7}$ bo'lsa, x , y va z uchun quyidagi munosabatlardan qaysi biri o'rinni?

A) $z < x < y$ B) $y < x < z$ C) $z < y < x$

D) $y < z < x$

19. \vec{a} va \vec{b} vektorlar orasidagi burchakning radian o'lchovi $\pi/4$ ga teng va $\vec{a} \cdot \vec{b} = 6$ bo'lsa, shu vektorlarga qurilgan uchburchakning yuzini hisoblang.

A) 6 B) 3 C) $6\sqrt{2}$ D) $\frac{3}{\sqrt{2}}$

20. $\sigma(n) = 28$ bo'ladigan eng katta n natural sonni toping. Bu yerda $\sigma(n)$ - n sonining natural bo'luvchilari yig'indisi.

A) 16 B) 12 C) 10 D) 27

21. $\frac{20}{1 + \frac{20}{1 + \frac{20}{\dots}}}$ + 1 ni hisoblang.

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

22. Teng yonli uchburchakning yon tomoniga tushirilgan medianasi 5 sm, asosi $4\sqrt{2}$ sm bo'lsa, uchburchakning yon tomonini (sm) toping.

A) 6 B) 7 C) 5 D) $4\sqrt{2}$

23. $7^x \cdot (\sqrt{2})^{2x^2 - 6} - \frac{7^x}{2^{2x}} = 0$ tenglamaning katta ildizini toping.

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

24. 639 sonni $\frac{1}{2} : \frac{2}{3} : \frac{3}{4}$ kabi nisbatda bo'ling.

- A) $162\frac{16}{23}; 225\frac{6}{23}; 251\frac{1}{23}$
 B) $167\frac{17}{23}; 220\frac{7}{23}; 250\frac{22}{23}$
 C) $166\frac{16}{23}; 222\frac{6}{23}; 250\frac{1}{23}$
 D) $163\frac{16}{23}; 224\frac{6}{23}; 251\frac{1}{23}$

25. Teng yonli uchburchakning uchidagi burchagi α ga teng. Uchburchakka ichki va tashqi chizilgan doiralarning radiuslari nisbatini toping.

- A) $ctg\frac{\pi+\alpha}{4}\sin\alpha$
 B) $tg\frac{\pi-\alpha}{4}\cos\alpha$
 C) $\cos\alpha tg\frac{\pi+\alpha}{4}\cos\alpha$
 D) $tg\frac{\pi-\alpha}{4}\sin\alpha$

26. $\log_2 1 + \log_2 \frac{1}{2} + \log_2 \frac{1}{8}$ ni hisoblang.

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

27. Aylananing markaziy burchagi 60° , u tiralgan yoy uzunligi 10 sm bo'lsa, aylananing radiusini (sm) toping.

- A) $\frac{30}{\pi}$ B) $\frac{24}{\pi}$ C) $\frac{36}{\pi}$ D) $\frac{15}{\pi}$

28. $tg 11^\circ = a$ bo'lsa, $\frac{\sin 22^\circ \cdot ctg 191^\circ}{\sin 79^\circ \cdot \cos 349^\circ}$ ni toping.

- A) a^2 B) $\frac{a^2+1}{a}$ C) $\frac{a}{a^2+1}$ D) 2

29. $-\frac{x+1}{2} = \frac{\sqrt{x-3} + \sqrt{x+3}}{\sqrt{x-3} - \sqrt{x+3}}$ tenglamaning yechimlari to'plamini toping.

- A) {5; 10} B) {5} C) {3; 10} D) {5; -3}

30. $y = \sqrt{\sin x}$ bo'lsa, $y' \cdot \frac{6\sqrt{\sin x}}{\cos x}$ ko'paytmani hisoblang.

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

31. ASCII yoyilmasi to'g'ri ko'rsatilgan qatorni ko'rsating:

- A) American Standart Computer for Information Interchange
 B) American Standart Code for Information Interchange
 C) American Special Code for Information Interchange
 D) American Standart Code for Information Integer

32. Quyidagi mantiqiy tenglamaning yechimlari sonini aniqlang: $\neg A \wedge \neg B \vee A = \text{rost}$

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

33. Dinamik kutubxona fayllarining kengaytmasini toping.

- A) .bat B) .xls C) .bak D) .dll

34. MS Excel 2003 dasturida joriy "Лист" dan boshqa "Лист" kataklariga murojaat to'g'ri berilgan javobni ko'rsating

- A) лист nomi//katak adresi B) лист nomi/katak adresi
 C) лист nomi!katak adresi D) лист nomi.katak adresi

35. Fayllarning diskdagi bo'laklarini bir joyga to'plash ... deb ataladi

- A) defragmentatsiya B) nazorat C) formatlash
 D) fayllarni tiklash

36. Paskal tilida quyidagi dastur bajarilishi natijasida ekranga chiqariladigan axborotlarni aniqlang:

Var k,b:integer; c:string;

Begin K:=4; B:=5; C:= '21'; If k>b then write ('C=', C:1) else write ('C=', C:4); end.

- A) C=2121 B) C=21 C) C= 21 D) C=2

FIZIKA

37. O'zgarimas tok manbaiga ulangan $4 \cdot 10^{-6}$ F sig'imli kondensatorga parallel ulangan voltmeter 12 V kuchlanishni ko'rsatdi. Agar bu kondensatorga $8 \mu\text{F}$ sig'imli ikkinchi kondensator ketma-ket ulansa, voltmeter qanday kuchlanishni (V) ko'rsatadi?

- A) 6 B) 9 C) 8 D) 4

38. Elektron $2,4 \cdot 10^8$ m/s tezlik bilan uchmoqda. Elektronning kinetik energiyasini (MeV) aniqlang. $m=9,1 \cdot 10^{-31}$ kg, $c=3 \cdot 10^8$ m/s

- A) 0,341 B) 0,441 C) 0,360 D) 0,395

39. Yuk avtomobili o'rtacha 10 m/s tezlik bilan yurganda har 100 km yo'lga 38 l benzin sarf qiladi. Avtomobil dvigatelining o'rtacha quvvatini (kW) toping. Dvigatelning FIK 22,5%; $\rho=700$ kg/m³; $q=46 \cdot 10^6$ J/kg.

- A) 40,5 B) 27,5 C) 16,5 D) 36,5

40. O'zgaruvchan tok zanjiridagi voltmeter 220 V kuchlanishni, ampermetr 6 A tokni, vattmetr esa 1,1 kW quvvatni ko'rsatsa, quvvat koeffitsiyenti qanday bo'ladi?

- A) 0,93 B) 0,83 C) 0,73 D) 0,63

41. 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/m³) aniqlang.

- A) 40 B) 20 C) 80 D) 100

42. Massasi 2000 kg bo'lgan avtomobil egrilik radiusi 40 m bo'lgan qavariq ko'prikdan 10 m/s tezlikda o'tmoqda. Ko'prikning o'rtasida avtomobil ko'prikkaga qancha kuch (kN) bilan bosadi?

- A) 15 B) 25 C) 20 D) 5

43. Elektr lampochka yongandan keyin undagi gazning harorati 27°C dan 527°C gacha ko'tarilgan bo'lsa, bosim necha marta o'zgaragan?

- A) 4,4 marta kamaygan B) 2,7 marta ortgan
 C) 3,5 marta ortgan D) 2,6 marta kamaygan

44. 12 ayl/min chastota bilan aylanayotgan gorizontal diskda aylanish o'qidan 0,3 m masofada 0,25 kg massali shayba yotibdi. Shayba bilan disk orasidagi ishqalanish koeffitsiyenti 0,25 ga teng. Shaybaga ta'sir etuvchi ishqalanish kuchini toping (N).

- A) 0,24 B) 0,05 C) 0,12 D) 0,62

45. Daryo suvining tezligini o'lchash maqsadida oqayotgan daryo suviga 90° ga egilgan truba tushirilganda, suv trubada daryo suvining erkin sirtiga qaraganda 30 sm ga ko'tarildi. Daryo suvining tezligi qancha (m/s) bo'lgan? $g=10$ m/s²

- A) 6 B) $\sqrt{3}$ C) $2\sqrt{2}$ D) $\sqrt{6}$

46. Toza kremniy moddasining yutilish spektri qanaqa ekanligini aniqlang.

- A) chiziqli B) uzluksiz C) yo'l-yo'l
 D) yutilish spektriga ega emas

47. Absolut sindirish ko'rsatkichi uchga teng bo'lgan muhitda yorug'lik qanday tezlik (m/s) bilan tarqaladi?

- A) 10^8 B) 10^6 C) 10^5 D) 10^7

48. Agar tok manbaiga R qarshilik ulanganda zanjirdagi tok kuchi qisqa tutashuv tokidan besh marta kichik bo'lsa, R qarshilik manbaning ichki qarshiligidan necha marta katta?
A) 2 B) 8 C) 12 D) 4
49. Lazer nurining quvvatini 15% kamaytirish kerak. Buning uchun nur qutblanish tekisligi va analizator qutblanish tekisligi orasidagi burchak kosinusi qanday bo'lishi kerak?
A) 0,22 B) 0,82 C) 0,92 D) 0,39
50. Elektr tokini o'tkazmaydigan yengil ipga metall sharcha osib qo'yildi va sharchaga elektr zaryadi berildi. Agar sharcha tebranma harakatga keltirilsa, uning atrofida qanday maydon hosil bo'ladi?
1) o'zgarmas elektr maydoni; 2) o'zgaruvchan elektr maydoni; 3) o'zgarmas magnit maydoni; 4) o'zgaruvchan magnit maydoni; 5) gravitasion maydon.
A) 1, 5 B) 2, 4, 5 C) 1, 3, 5 D) 1, 2, 3, 4, 5
51. Jismning harakat tenglamasi $x = 0,5t^2 + 2t + 4$ ko'rinishiga ega. Jismning tezligi harakat boshlanganidan keyin 5 s o'tgach qanday bo'ladi (m/s)?
A) 14 B) 7 C) 2 D) 10
52. Qarshiligi 2Ω bo'lgan o'tkazgich EYuK 1,1 V bo'lgan elementga ulanganda, o'tkazgichdan 0,5 A tok o'tadi. Element qisqa tutashtirilganda tok kuchi (A) qancha bo'ladi?
A) 7 B) 6 C) 5 D) 5,5
53. Inersial sanoq sistemasiga nisbatan v tezlik bilan harakatlanayotgan jismning massasi 10% ga oshgan bo'lsa, uning zichligi qanday o'zgaradi?
A) 10% ga kamayadi B) 21% ga oshadi
C) 21% ga kamayadi D) 10% ga oshadi
54. Tebranish konturida erkin elektromagnit tebranishlar davri 100 ns. Kontur g'altagining induktivligi $5 \mu\text{H}$ bo'lsa, kondensatorning sig'imi (pF) qanday?
A) 10 B) 0,5 C) 100 D) 50
55. 1 kg massali jismni qiya tekislik bo'ylab yuqoriga tekis tortish uchun 6 N kuch zarur. Jism erkin qo'yib yuborilsa bu qiya tekislik bo'ylab qanday tezlanish bilan (m/s^2) sirg'anadi? Tekislik uchun $\sin\alpha = 0,35$, $g = 10 \text{ m/s}^2$.
A) 1 B) 1,2 C) 0 D) 1,15
56. Rezina shnurga osib qo'yilgan 4,9 N og'irlikdagi yuk yuqoriga 2 m/s^2 tezlanish bilan ko'tarilayotgan bo'lsa, rezina shurning uzayishini (mm) toping. Rezina shurning qattqlik koeffitsiyenti 980 N/m ga teng. $g = 9,8 \text{ m/s}^2$
A) 0,62 B) 5,9 C) 6,02 D) 6,4
57. 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) 20 B) 10 C) 5 D) 15
58. $M = 10 \text{ kg}$ 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) 1 B) -0,65 C) 0,65 D) -1
59. Agar tinch holatidan boshlab tekis tezlanuvchan harakat qilayotgan jism uchinchi sekundda 1000 sm yo'l o'tsa, harakat boshidan 4 s o'tgach, qancha yo'l bosgan bo'ladi (m)?
A) 128 B) 30 C) 32 D) 64
60. Sindirish ko'rsatkichi 1,56 bo'lgan shishadan optik kuchi sakkiz dioptriya, har ikkala sirtning qavariqligi bir xil bo'lgan linza tayyorlash uchun sirtlarining egrilik radiuslari nimaga (m) teng bo'lishi kerak?
A) 0,28 B) 0,014 C) 0,14 D) 0,028
61. Bosimi 100 kPa, harorati 7°C bo'lgan 7 m^3 hajmli gaz $\Delta T = 70^\circ\text{C}$ ga izobarik qizdirilganda bajaradigan ishini (kJ) toping.
A) 200 B) 75 C) 175 D) 150
62. Bir xil materialdan tayyorlangan va ketma-ket ulangan teng massali silindr shaklidagi ikkita o'tkazgich orqali o'zgarmas elektr toki o'tmoqda. Ikkinchi o'tkazgich birinchi o'tkazgichdan besh marta uzun. Birinchi o'tkazgichning uchlaridagi potentsiallar farqi 1 V ga teng bo'lsa, ikkinchi o'tkazgich uchlaridagi potentsiallar farqi necha voltga teng bo'ladi?
A) 35 B) 25 C) 5 D) 0,5
63. Kondensator sig'imi C , energiyasi W . Agar kondensator huddi shunday sig'imli, lekin zaryadsiz kondensatorga ulansa, natijaviy elektr energiya nimaga teng?
A) $W/3$ B) $W/4$ C) $W/2$ D) $3W/5$
64. 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) 477 B) 495 C) 490 D) 480
65. Bosimi $0,97 \cdot 10^5 \text{ Pa}$, temperaturasi 18°C bo'lgan $3 \times 8 \times 4 \text{ m}^3$ hajmli xonada nechta havo molekulasini bor?
A) $2,35 \cdot 10^{25}$ B) $2 \cdot 10^{27}$ C) $2,5 \cdot 10^{25}$ D) $2,35 \cdot 10^{27}$
66. Bir atomli ideal gaz temperaturasi 10 K oshirilganda uning molekulari o'rtacha kvadratik tezligi 100 m/s dan 150 m/s ga yetgan. Molekular tezligi 200 m/s dan 250 m/s gacha ortganda temperatura qanchaga ortadi?
A) 18,7 B) 18 C) 18,9 D) 18,5
67. $M = 10 \text{ kg}$ massa va $V = 500 \text{ m/s}$ tezlikka ega bo'lgan snaryad portlab ikki bo'lakka bo'lindi, $M/2$ massa va $V/2$ tezlikka ega bo'lgan birinchi bo'lak dastlabki yo'nalishiga nisbatan teskari yo'nalishda uchib ketdi. Ikkinchi bo'lakning impulsi snaryadning dastlabki impulsidan necha marta katta?
A) 2,2 B) 2,65 C) 0,45 D) 1,25
68. Yo'ning gorizontol qismida 36 km/h tezlik bilan harakatlanayotgan tramvayga favqulodda holat tufayli tormoz berildi. U to'xtaguncha qancha masofaga (m) sirpanib boradi? Ishqalanish koeffitsiyentini 0,2 deb oling. $g = 9,8 \text{ m/s}^2$
A) 26,2 B) 25,5 C) 26,6 D) 25,9
69. Elektr plitaning quvvati 0,8 kW. Agar plitaning spiralidan 5 A tok o'tayotgan bo'lsa, spiralning qarshiligi (Ω) nimaga teng?
A) 32 B) 43 C) 35 D) 40
70. Massasi 10 g bo'lgan 0,3 m uzunlikdagi gorizontol simdan 5 A tok o'tmoqda. Bu sim magnit maydonda muallaq joylashishi uchun maydon induksiyasi (mT) qanday bo'lishi kerak?
A) 67 B) 0,67 C) 67000 D) 6,7
71. Arqon ko'pi bilan 12 kg massali yukni ko'tara oladi. Shu arqon yordamida qanday massali (kg) yukni 5 m/s^2 tezlanish bilan ko'tarish mumkin bo'ladi? $g = 10 \text{ m/s}^2$.
A) 15 B) 6 C) 12 D) 8

72. C sig'imli kondensator U kuchlanish bilan, 2C sig'imli kondensator $3U$ kuchlanish bilan zaryadlangan. Bu kondensatorlar qutblarini teskari holda ulansa, sistemaning natijaviy zaryadi qanday bo'ladi?
A) $5CU$ B) $CU/2$ C) $2CU$ D) $5CU/2$

INGLIZ TILI

73. The electricity went ... when there was a power cut this afternoon.
A) *off* B) *by* C) *over* D) *into*
74. 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) *oughtn't* C) *don't have to* D) *mustn't*
75. Choose the answer which correctly completes the sentence.
- What did you have for dinner?
- Nothing. I didn't have ... for dinner today.
A) *anything* B) *any* C) *none* D) *something*
76. Choose the answer which correctly completes the sentence. "Don't wait for me, Yulduz", said Anvar. Anvar told Yulduz ... for him.
A) *not to wait* B) *didn't wait* C) *to wait*
D) *don't wait*
77. Choose the best answer.
I should ... to the party with pleasure, if I ... angry with you.
A) *have come/had been* B) *have come/hadn't been*
C) *had come/were* D) *come/ had been*
78. Choose the answer which correctly completes the sentence. No single alphabet has ever ... represented the sounds of Earth's natural languages.
A) *perfecting* B) *perfectly* C) *perfection* D) *perfect*
79. Choose the answer which correctly completes the sentence. Mobile phones appeared only a few years ago. Now most people ... cannot imagine their lives without them.
A) *simplest* B) *simple* C) *simpler* D) *simply*
80. Choose the answer which correctly completes the sentence. Bill asked Rosa for her e-mail address ... he needed to contact her.
A) *unless* B) *in case* C) *if* D) *as long as*
81. Choose the answer which correctly completes the sentence. There are some people, ... just cannot admit or even see that they may possible be at fault.
A) *where* B) *who* C) *whose* D) *whom*
82. Choose the answer which correctly completes the sentence. Asian finance ministers ... in Seoul on Friday.
A) *be meeting* B) *will meet* C) *has met*
D) *are meeting*
83. Choose the answer which correctly completes the sentence. Traffic controller confirmed that the bus ... leave on time at 8 o'clock this evening.
A) *would* B) *should* C) *must* D) *will*
84. Now I ... the sauce to see if it needs any more salt.
A) *tasted* B) *taste* C) *have tasted* D) *am tasting*
85. Choose the answer which correctly completes the sentence. Uncle Salim sent us some money, but we don't think ... will be enough to pay all my debts.
A) *their* B) *it* C) *them* D) *they*
86. Choose the answer which correctly completes the sentence. We came a little bit early ... purpose to see if I could help you.
A) *with* B) *of* C) *on* D) *in*
87. Choose the answer which correctly completes the sentence.
- We have 150 minutes for our tests.
- But 150 minutes ... enough time to finish these tests.
A) *isn't* B) *aren't* C) *is* D) *are*
88. Choose the answer which correctly completes the sentence. You've been having a nap, ... you? Sorry if I woke you up.
A) *weren't* B) *haven't* C) *do* D) *did*
89. I spoke to Victor last night and he said he ... while he was on holiday.
A) *had stolen his phone* B) *was got his phone stolen*
C) *had his phone stolen* D) *got stolen his phone*
90. 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*
91. Choose the answer which correctly completes the sentence. The fairy tale begins on ... quiet afternoon at the end of July.
A) *an* B) *-* C) *the* D) *a*
92. Choose the answer which correctly completes the sentence. He has already written his essay, and...
A) *so his friends are* B) *so did his friends*
C) *so have his friends* D) *so his friends have*
93. Choose the answer which correctly completes the sentence. As I drove south, I could see that the old road ..., so I had to go by the side road.
A) *was rebuilding* B) *was rebuilt* C) *was being rebuilt*
D) *is being rebuilt*
94. Choose the answer which correctly completes the sentence. He ... people embarrassing questions when Hans was just a kid.
A) *used to ask* B) *used asking* C) *used to asking*
D) *was used to ask*
95. Choose the answer which correctly completes the sentence. The secretary said to me, "Wait here, please."
The secretary asked me ...
A) *waiting here* B) *to wait there* C) *wait here*
D) *waited there*

Read the text. Then choose the correct answer to question 24-26.

The 'forest fire season' in Canada generally extends from the latter part of April to mid - October. During last year's fire season, 9,317 forest fires burned a total of 2,618,299 acres of forest land. Weather conditions contributing to fire spread, coupled with unusually frequent and violent electrical storms, resulted in one of the most severe outbreaks of forest fires on record. Over the season, 35.3% of all fires were caused by lightning. While these fires are generally considered to be more disastrous because of their tendency to start in difficult-to-reach areas - 88% of the total acreage burned last was attributed to lightning - man is nonetheless responsible for the greatest portion of forest fires. Human negligence was blamed for a total of 6,018 forest fires last year.

96. The passage informs us that last year's forest fires were particularly bad because of ...
- A) *the inefficiency of the fire -fighters in reaching the burning area quickly.*
 B) *human weariness and carelessness.*
 C) *the unusually long 'forest fire season'.*
 D) *unfavourable weather conditions, combined with violent lightning.*
97. We are told that fires started by lightning cannot easily be controlled because ...
- A) *they generally take place at night.*
 B) *they happen so frequently.*
 C) *storms make it hard for firemen to work.*
 D) *they usually start in inaccessible places.*
98. In view of the figures given in the passage, most of the damage caused by forest fires last year ...
- A) *was a result of fires started deliberately by humans.*
 B) *came from fires which were started by lightning.*
 C) *resulted from the lack of people available to fight fires.*
 D) *happened because of fires started accidentally by humans.*

Read the text. Then choose the correct answer for the gaps 27-28 in the text.

Studies of playground equipment ... (27) that of 93,000 injuries sustained in playgrounds and treated in hospital emergency rooms, 21,300 involved metal swings. The Parks Department plans to ... (28) metal swings with rubber-belt swings in several parks to test their durability. The rubber-belt swings will be not only safer but cheaper than the old metal equipment.

- 99.
- A) *has revealed* B) *were revealed* C) *revealed*
 D) *have revealed*

- 100.
- A) *replace* B) *refuse* C) *revoke* D) *resist*

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

Scientists have discovered the bones of what may be the largest meat-eating dinosaur ever to walk on the earth. The discovery (29)... by a team of researchers from Argentina and North America in Patagonia, a desert (30)... the eastern slopes of the Andes in South America. It is even more (31)... that the bones of a number of dinosaurs were found together.

- 101.
- A) *has made* B) *made* C) *was made* D) *were made*

- 102.
- A) *into* B) *on* C) *off* D) *in*

- 103.
- A) *astonishingly* B) *astonish* C) *astonishing*
 D) *astonishment*

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

Somewhere around February it begins. The drizzle is coming down outside and the kids are bored on a Saturday afternoon. It's usually then that my husband decides it is time to plan our summer holiday. Outcoming the brochures and the discussion begins.

It's not that we're an argumentative family, but it seems that where we are to spend two weeks in the summer relaxing brings out the worst in us. Before too long, we're all insisting on places and refusing others, the volume steadily increasing. My daughter discovers a lifelong ambition to go to India. Funny how she never mentioned it before. My son isn't going anywhere unless he can bring his dog and my husband doesn't mind where he goes as long as it's within five miles of a golf course.

104. The writer implies that her family ...
- A) *don't usually fight over things.*
 B) *always care about each other's feelings.*
 C) *find it hard to agree on anything.*
 D) *have the same wishes about their plans.*

105. The writer thinks her daughter's ambition to go to India ...
- A) *is not as strong as she claims.*
 B) *is a secret she should have shared.* C) *will come true.*
 D) *is strange for someone like her.*

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

Most people are unaware of the fact that a new ailment has developed among subway users. Called "subway syndrome", it causes people to turn pale and cold and even to faint. **Commuters** misdiagnose the symptoms—acute chest pains and nausea—and rush to hospital emergency rooms in the belief that they are about to succumb to a heart attack. Hearing that their heart attack is only a case of nerves makes them feel better.

What makes people get sick on subways? Various and sundry things. One is that they rush off to work in the morning without having eaten a proper breakfast. Sudden dizziness attacks them. A second cause is the overcrowding and ensuing feeling of claustrophobia, which brings on stress and anxiety. In addition, they are so afraid of mechanical failure, fire, and/or crime that they show signs of panic — men by having chest pains and women by becoming hysterical. Contributing especially to their stress are other factors: overcrowding of both men and women, continual increase in the numbers of passengers, and people's inability to avoid interacting with strangers.

106. Presumably the word **commuter** refers to ...
- A) *a person* B) *a vehicle* C) *subway* D) *dizziness*

107. Why do subway riders think they might be having a heart attack?
- A) *They are afraid* B) *They suffer from chest pains*
 C) *They are overcrowded* D) *They don't eat breakfast*

108. According to the passage, if you don't have a good breakfast, you might get ...
- A) *cold* B) *pale* C) *afraid* D) *dizzy*