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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 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’tirozi ko‘rib chiqilmaydi.**

**Kitob tipi:** 55 (636624)

## FANLAR:

*Blok 1: Matematika (informatika bilan)*
*Blok 2: Fizika*
*Blok 3: Ingliz tili*

Savollar kitobi raqami: 1000040

**Toshkent – 2014**

## MATEMATIKA (INFORMATIKA BILAN)

1. $\frac{1}{log_2\left(\frac{1}{6}\right)} - \frac{1}{log_3\left(\frac{1}{6}\right)} - \frac{1}{log_4\left(\frac{1}{6}\right)}$ ni hisoblang.
   A) *6* B) *1* C) *2* D) *3*

2. $ABC$ uchburchak uchlaridan $\alpha$-tekislikkacha bo‘lgan masofalar mos ravishda 3,75; 9 va $2\frac{1}{4}$ ga teng bo‘lsa, uchburchakning og‘irlik markazidan $\alpha$-tekislikkacha bo‘lgan masofani toping.
   A) *6* B) *4* C) *4,75* D) *5*

3. $f(x) = \sqrt{2}sinx - 2x$, $f'(x)-?$
   A) $cosx + 2$ B) $\sqrt{2}cosx - 2$ C) $-cosx - 2$
   D) $-\sqrt{2}cos^2x - 2$

4. $f'(x) = 3x^2 - 4x + 2$, $f(-1) = 0$, $f(2)-?$
   A) 9 B) 8 C) 18 D) 10

5. $x(x+1)(x-1)(x+2) = 24$ tenglamani yeching.
   A) $x_1 = x_2 = 1$ B) $x_1 = -1;\ x_2 = -2$
   C) $x_1 = -3;\ x_2 = 2$ D) $x_1 = 0;\ x_2 = 1$

6. Qanday ko‘pburchak diagonallarining soni tomonlarining sonidan 12 ta ortiq?
   A) *to‘rtburchak* B) *oltiburchak*
   C) *o‘nikkiburchak* D) *sakkizburchak*

7. $x$, $y$ butun sonlar uchun $-12 \le x < 13$, $-9 < y \le 6$ va $x + y \neq 0$ bo‘lsa, $\frac{x-y}{x+y}$ ning eng katta qiymatini toping.
   A) *17* B) *20* C) *18* D) *14*

8. $\sqrt[3]{0,5} + \sqrt[3]{4} - \sqrt[3]{13,5}$ ni hisoblang.
   A) $-\sqrt[3]{5}$ B) $-\sqrt[3]{2}$ C) *0* D) $\sqrt[3]{5}$

9. $\frac{sin1^\circ \cdot sin2^\circ \cdot \ldots \cdot sin45^\circ}{cos46^\circ \cdot cos47^\circ \cdot \ldots \cdot cos89^\circ}$ ni hisoblang.
   A) $\frac{\sqrt{2}}{2}$ B) $\frac{\sqrt{3}}{2}$ C) *1* D) $\frac{1}{2}$

10. $4^x - 2 \cdot 6^x = 9^{x+\frac{1}{2}}$ tenglama ildizini toping.
    A) $lg3$
    B) $-lg\frac{2}{3}$
    C) $lg\frac{2}{3}$
    D) $\frac{lg3}{lg\frac{2}{3}}$

11. $a$, $b$, $c$ - noldan farqli raqamlar uchun $a > b > c$ munosabat o‘rinli. Agar $\overline{abc} + \overline{bca} + \overline{cab} = 999$ tenglik bajarilsa, $a$ ning eng katta qiymati nechaga teng bo‘lishi mumkin?
    A) *6* B) *7* C) *4* D) *5*

12. 2 ta parallel to‘g‘ri chiziqni uchinchi to‘g‘ri chiziq kesib o‘tganda hosil bo‘lgan ichki bir tomonli burchaklar $\frac{7}{13}$ nisbatda. Ulardan kattasini toping.
    A) *120°* B) *63°* C) *117°* D) *113°*

13. $f(x+1) = x \cdot f(x) + 4$, $f(2)$-?
    A) *0* B) *8* C) *16* D) *6*

14. Agar arifmetik progressiyada $a_1 + a_2 + a_3 = 0$ va $a_1^2 + a_2^2 + a_3^2 = 50$ bo‘lsa, uning ayirmasini toping.
    A) *4* B) *1* C) *2* D) $\pm 5$

15. $ABCD$ parallelogrammda $BD = 4\sqrt{2}$, $\angle ADB = 60°$, $\angle CDB = 75°$ bo‘lsa, $AB$ ni toping.
    A) $5\sqrt{3}$ B) $3\sqrt{3}$ C) $4\sqrt{3}$ D) $6\sqrt{2}$

16. Uzunligi 19,8 m bo‘lgan arqon ikki bo‘lakka bo‘lindi. Bo‘laklardan birining uzunligi ikkinchisinikidan 20% ortiq bo‘lsa, har bir bo‘lakning uzunligini (m) toping.
    A) *7,8 va 12* B) *9 va 10,8* C) *8 va 11,8*
    D) *6,8 va 13*

17. $\frac{(2p-q)^2 + 2q^2 - 3pq}{2p^{-1} + q^2} : \frac{4p^2 - 3pq}{2 + pq^2}$ ifodani soddalashtiring va uning son qiymatini toping. $p$=0,78, $q$=7/25
    A) *0,25* B) *1* C) *-1* D) *0,5*

18. Radiusi 5 ga teng bo‘lgan doiradagi uzunligi 8 ga teng vatar doira markazidan qancha uzoqlikda bo‘ladi?
A) *3,6* B) *3* C) *3,2* D) *4*

19. $\begin{cases} 2x-1>x, \\ x^2-7x+6>0, \\ 2^x<128 \end{cases}$ tengsizliklar sistemasini yeching.
A) $(-\infty;\ 6)$
B) $(7;\ \infty)$
C) $(-\infty;\ 6)\cup(7;\ \infty)$
D) $(6;\ 7)$

20. Teploxod ikki pristan oraligidagi masofani daryo oqimi bo‘yicha 7 soat, oqimga qarshi 9 soatda o‘tadi. Agar oqimning tezligi 2 km/soat bo‘lsa, pristanlar orasidagi masofani (km) aniqlang.
A) *130* B) *128* C) *126* D) *120*

21. $10^{24}-4$ ni 9 ga bo‘lganda qoldiq nechaga teng?
A) *6* B) *3* C) *0* D) *4*

22. $y=\sqrt{25-x^2}$ funksiyaning grafigi bo‘lgan egri chiziq va $y=0$ to‘g‘ri chiziq bilan chegaralangan shakl yuzini toping.
A) *aniqlab bo‘lmaydi* B) $25\pi$ C) $12,5\pi$
D) $5\pi$

23. Yon sirti $60\pi$ ga, balandligi 2 ga teng silindr asosining diametrini toping.
A) *15* B) *30* C) *10* D) *20*

24. $\dfrac{0,725+0,6+\dfrac{7}{40}+\dfrac{11}{20}}{0,128\cdot 6\dfrac{1}{4}-0,0345:\dfrac{3}{25}}\cdot 0,25$ ni hisoblang.
A) *4* B) *1/2* C) *2* D) *1*

25. Asosidagi burchaklari $60^\circ$ va $30^\circ$ bo‘lgan trapetsiyaga radiusi $3\sqrt{3}$ bo‘lgan doira ichki chizilgan. Trapetsiyaning perimetrini toping.
A) $3\sqrt{3}$ B) $2\sqrt{2}$ C) *8* D) *24(1+$\sqrt{3}$)*

26. Tekislikdan $h$ uzoqlikda joylashgan nuqtadan tekislikka o‘tkazilgan va tekislik bilan $30^\circ$ li burchak hosil qiladigan og‘maning uzunligini toping.
A) $2h$ B) $\sqrt{2}h$ C) $\sqrt{3}h$ D) $1,5h$

27. $y=|x-1|+|x-2|+|x-3|+...+|x-9|$ funksiyaning eng kichik qiymatini toping.
A) *10* B) *20* C) *21* D) *12*

28. Rombning tomoni $10\sqrt{3}$ ga, o‘tmas burchagi $120^\circ$ ga teng. Rombga ichki chizilgan doiraning yuzini hisoblang.
A) $48,75\pi$ B) $52,25\pi$ C) $58,6\pi$ D) $56,25\pi$

29. $\sqrt[3]{x+2}+\sqrt[3]{x+3}+\sqrt[3]{x+4}=0$ tenglama ildizlarining yig‘indisini toping.
A) *-3* B) *2* C) *-5* D) *1*

30. $\dfrac{2^{3a+0,5}+\sqrt{2}}{4^a-2^a+1}\cdot(2^{a+0,5}-\sqrt{2})-2^{2a+1}$ ni hisoblang.
A) $4^a\sqrt{2}$ B) $2cos7\pi$ C) *2* D) $-2^a$

31. “Mantiq insonga shunday bir qoida beradiki, bu qoida yordamida xulosa chiqarishda xatolardan saqlanadi”. Ushbu fikr kimga tegishli?
A) *Abu Nasr Farobiy* B) *Alisher Navoiy*
C) *Kamoliddin Behzod* D) *Abu Ali Ibn Sino*

32. Sakkizlik sanoq sistemasidan ikkilik sanoq sistemasiga o‘tkazishni bajaring: $567_8\rightarrow x_2$
A) $10110101_2$ B) $101110111_2$ C) $1111101_2$
D) $11101110_2$

33. Nomi S harfidan boshlanuvchi va faqat to‘rtta belgidan iborat ixtiyoriy kengaytmali fayllar qanday belgilanadi?
A) *S* * *.** B) *S???.?* C) *S???.** D) *S*.**

34. MS Excel 2003 da katakchadagi “=СУММ(A1:A10;B1;C5)” formula nechta katakchadagi sonni qo‘shadi?
A) *12 ta* B) *15 ta* C) *10 ta* D) *20 ta*

35. Axborot uzatish jarayonida quyidagi qismlardan qaysi biri bo‘lishi shart?
1) Axborot qabul qiluvchi 2) Axborot manbai
3) Axborot uzatish vositasi
A) *1, 2, 3* B) *1* C) *1, 2* D) *1, 3*

36. Paskal dasturi lavhasidagi hisob natijasini aniqlang.
begin a:=12; b:=14; c:=10; if(a>b) or (b>c) then y:=a+b-c else y:=a-b+c; writeln(y); end.
A) *8* B) *6* C) *16* D) *14*

**FIZIKA**

1. Yadro bombasining portlashi nimadan iborat?
   A) *dinamitning portlashidan*
   B) *og‘ir vodorod yadrolarining sintez reaksiyasidan*
   C) *poroxning portlashidan*
   D) *yadrolar parchalanishining zanjirli reaksiyasidan*

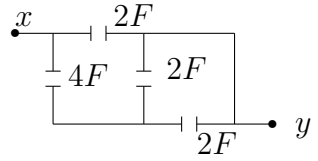
2. Induktivligi 0,1 H bo‘lgan o‘tkazgichdan o‘tayotgan tok kuchi 1 A bo‘lsa, magnit maydon energiyasini (mJ) toping.
   A) *75* B) *25* C) *100* D) *50*

3. Suyuqlikning idish devoriga bosim kuchi $F$ idish tubiga bo‘lgan bosim kuchiga teng bo‘lishi uchun $R$ radiusli silindrik idishga qanday balandlik $H$ gacha suv qiyish kerak?
   A) $R = 4H$ B) $R = 2H$ C) $R = H/2$
   D) $R = H$

4. Harorati 20°C va bosimi 100 kPa bo‘lgan 1,45 $m^3$ havo suyuk holatga keltirildi. Agar suyuk havoning zichligi 860 kg/$m^3$ bo‘lsa, u qanday hajmni (l) egallaydi. Havoning molyar massasi 29 g/mol.
   A) *2* B) *3* C) *4* D) *1,5*

5. Mikroskop linzalarining fokus masofalari mos ravishda 1,5 sm va 2,5 sm, linzalar orasidagi masofa 30 sm. Bunday mikroskop obyektni necha marta kattalashtirib ko‘rsatadi?
   A) *300* B) *200* C) *100* D) *400*

6. Rasmdagi $x$ va $y$ nuqtalar orasidagi umumiy kuchlanish 40 V. Kondensatorda to‘plangan energiyani (J) toping.




   A) *600* B) *400* C) *3200* D) *800*

7. Tovush chastotasining balandligi 80 Gs bo‘lgan odam tovushining to‘lqin uzunligini (m) aniqlang.Tovush tezligi havoda 340 m/s.
   A) *4,25* B) *6,80* C) *160* D) *5*

8. Bola yelkasiga 15 kg yukni ko‘tarib turibdi. Agar bolaning massasi 45 kg bo‘lsa, Yer tomonidan bolaga ta’sir etayotgan reaksiya ko‘chini (N) toping.
   A) *150* B) *600* C) *300* D) *450*

9. 40 l 10°C li suvga 20 l 40°C li suv aralashtirildi. Aralashmaning haroratini (°C) toping.
   A) *20* B) *28* C) *24* D) *22*

10. Tebranish konturida sig‘imi 80 pF bo‘lgan kondensator va induktivligi 20 $\mu$H g‘altak bor. Konturning xususiy tebranishlari davri ($\mu$s) qanday?
   A) *0,50* B) *0,25* C) *0,45* D) *0,20*

11. Uzunligi 100 m ko‘ndalang kesim yuzi 0,5 $mm^2$ bo‘lgan aluminiy ($\rho_{Al}$=0,028·$10^{-6}$ Om·m) simning uchlaridagi kuchlanish 7 V. Shu simdan o‘tayotgan tok kuchini (A) aniqlang.
   A) *1* B) *1,25* C) *2* D) *1,5*

12. Aylanma harakat uchun dinamikaning asosiy qonuni formulasini belgilang.
   A) $\Delta Fr = \Delta m r^2 \beta$
   B) $M \cdot \Delta t = I\vec{\omega} - I\vec{\omega_0}$
   C) $I\omega$
   D) $\vec{\mu} = I\vec{\beta}$

13. Elementlari ketma-ket ulangan zanjirning o‘zgaruvchan tokka nisbatan to‘liq qarshiligi $\sqrt{R^2 + (\omega L - 1/\omega C)^2}$ ga teng. Rezonans hodisasi kuzatilganda bu qarshilik nimaga teng bo‘ladi?
   A) $\sqrt{R^2 + (\omega C + 1/\omega L)^2}$
   B) $\sqrt{R^2 + (\omega C - 1/\omega L)^2}$
   C) $\sqrt{R^2 + (\omega L - 1/\omega C)^2/2}$
   D) $R$

14. Radiusi 0,2 m bo‘lgan metall sharda $4\pi \cdot 10^{-8}$ C zaryad bo‘lsa, uning sirtida zaryadning o‘rtacha zichligi qanday (C/$m^2$)? $\varepsilon$=1 deb oling.
   A) *1,6·$10^{-7}$* B) *0,8·$10^{-7}$* C) *2,5·$10^{-7}$*
   D) *4,2·$10^{-7}$*

15. Ideal gazning harorati 4 marta orttirilib, hajmi 2 marta kamaytirilsa, bosim qanday o‘zgaradi ?
   A) *8 marta ortadi* B) *2 marta kamayadi*
   C) *4 marta ortadi* D) *2 marta ortadi*

16. Silindrik idishga bir xil massali suv ($\rho_{suv}$=1·10$^3$ kg/m$^3$) va simob ($\rho_{sim}$=13,6·10$^3$ kg/m$^3$) qo‘yildi. Idishdagi suyuqliklar ustunining umumiy balandligi 143 sm. Idish tubiga bo‘lgan bosim qancha (kPa)?
A) *26* B) *14,6* C) *15,4* D) *10*

17. Osilgan prujinaga yuk 0,5 s davr bilan tebranmoqda. Agar yuk prujinadan olinsa, prujina qanchaga qisqaradi (sm)?
A) *2,0* B) *6,3* C) *39,7* D) *5,4*

18. Qizil yorug‘lik nuri uchun foton energiyasini (J) hisoblang.
A) *2,83·10$^{-19}$* B) *3,5·10$^{-16}$* C) *3·10$^{-16}$*
D) *3·10$^{-19}$*

19. Molekulalari konsentratsiyasi 2·10$^{24}$ m$^{-3}$ ga teng bo‘lgan idishdagi gazning bosimi 3·10$^4$ N/m$^2$ ga teng. Bitta molekulaning o‘rtacha kinetik energiyasini (J) toping.
A) *2,75·10$^{-20}$* B) *2,25·10$^{-20}$* C) *3·10$^{-21}$*
D) *2,5·10$^{-20}$*

20. Yorug‘lik to‘lqini uzunligi qanday elektromagnit to‘lqinlardan (m) iborat?
A) *3·10$^{-5}$-8·10$^{-5}$*
B) *6·10$^{-6}$-9·10$^{-6}$*
C) *5·10$^{-8}$-7·10$^{-8}$*
D) *4·10$^{-7}$-7,6·10$^{-7}$*

21. Tinch holatidan boshlab tekis tezlanuvchan harakat qilayotgan jismning 6-sekundda bosib o‘tgan yo‘li 2-sekundda bosib o‘tgan yo‘lidan necha marta farq qiladi?
A) *11/3* B) *11/5* C) *9* D) *11/7*

22. Uzunligi 4 m bo‘lgan avtomobil s’yomka qilinayotganda plyonka obyektivida 60 mm masofada joylashgan. Agar avtomobilning negativ tasviri uzunligi 32 mm bo‘lsa, uni qanday masofada (m) olingan?
A) *8,5* B) *0,075* C) *7,5* D) *2,1*

23. Metall o’tkazgichning ko’ndalang kesim yuzasini o’zgartirmasdan massasini 2 marta kamaytirsak, uning solishtirma elektr qarshiligi qanday o’zgaradi?
A) *2 marta kamayadi* B) *4 marta kamayadi*
C) *2 marta ortadi* D) *o’zgarmaydi*

24. Qiya tekislikda yukni balandlikka ko‘tarish uchun 20 J ish bajarildi. Bunda FIK 80% bo‘lganda foydali ishni (J) toping.
A) *15* B) *20* C) *18* D) *16*

25. Induksiya vektorining moduli 700 mT bo’lgan bir jinsli magnit maydonining kuch chiziqlariga 30° burchak ostida 2 km/s tezlik bilan uchib kirgan zaryadlangan zarrachaga maydon tomonidan ta’sir etuvchi kuchni (mN) toping. Zarrachaning zaryad miqdori 2 $\mu$C ga teng.
A) *1,4* B) *2,8* C) *1,2* D) *0,8*

26. Qarshiliklari $R_1$=20 Ω va $R_2$=10 Ω bo’lgan o’tkazgichlar o’zaro parallel ulangan holda elektr tarmog’iga ulandi. Tarmoqdagi tok kuchi 300 mA ga teng bo’lsa, birinchi o’tkazgichda 1 minut ichida qancha issiqlik miqdori (J) ajralib chiqadi?
A) *36* B) *15* C) *12* D) *24*

27. Havoda massasi 2 kg bo‘lgan, 7,5 m/s$^2$ tezlanish bilan tushayotgan jismga ta’sir qiluvchi havoni qarshilik kuchinini (N) toping.
A) *2,5* B) *8* C) *5* D) *7,5*

28. Markazga intilma tezlanish ...
A) *aylanish davri ortishi bilan ortadi*
B) *aylanish davrida teskari proporsional*
C) *aylanish davri bog‘liq emas*
D) *aylanish davrining kvadratiga teskari proporsional*

29. Jismning impulsi 8 kg·m/s, kinetik energiyasi esa 16 J. Jismning tezligi (m/s) va massasini (kg) toping.
A) *4; 4* B) *4; 2* C) *2; 2* D) *2; 4*

30. O‘zgarmas tok manbaiga avval 9 Ω qarshilik so‘ngra 4 Ω qarshilik ulandi. Har ikkala holda birday vaqt ichida qarshiliklarda bir xil miqdorda issiqlik ajraladi. Manbaning ichki qarshiligini (Ω) aniqlang.
A) *36* B) *6* C) *3* D) $\sqrt{6}$

31. Ideal gazning harorati 87°C va konsentratsiyasi $1 \cdot 10^{12}$ m$^{-3}$ bo‘lsa, shu gazning bosimini (nPa) va molekulalari ilgarilanma harakatining o‘rtacha kinetik energiyasini (J) toping.
A) *3;* $7,4 \cdot 10^{-20}$ B) *6;* $7,4 \cdot 10^{-21}$
C) *5;* $7,45 \cdot 10^{-21}$ D) *2;* $6 \cdot 10^{-21}$

32. Simni cho‘zadigan stanokdan o‘tkazib 2 marta uzaytirilsa, uning qarshiligi qanday o‘zgaradi?
A) *2 marta kamayadi* B) *2 marta ortadi*
C) *4 marta ortadi* D) *o‘zgarmaydi*

33. Agar tormozlanishdagi ishqalanish koeffitsienti 0,4 ga teng bo‘lsa, 12 m/s tezlik bilan harakatlanayotgan avtobus qancha vaqtdan (s) keyin to‘xtaydi? $g$=10 m/s$^2$
A) *30* B) *0,3* C) *4* D) *3*

34. Molekulalarning o‘rtacha kvadratik tezligi 1 km/s va molekulalarining massasi $3\cdot10^{-27}$ kg bo‘lganda 1 mm$^3$ da 100 milliard molekulasi bo‘lgan konsentratsiyadagi ideal gaz idish devorlariga qanday bosim (Pa) beradi?
A) *0,1* B) *3* C) *0,5* D) *0,8*

35. Qanday jarayonda gazga berilgan issiqlikning hammasi mexanik ishga aylanadi?
A) *izobarik* B) *izoxorik* C) *adiabatik*
D) *izotermik*

36. $1\cdot10^{15}$ Hz chastotali fotonning massasini (kg) aniqlang. $h = 6,6\cdot10^{-34}$ J·s.
A) $6,6\cdot10^{-36}$ B) $8,1\cdot10^{-36}$ C) $7\cdot10^{-36}$
D) $7,3\cdot10^{-36}$

## INGLIZ TILI

1. Choose the answer which correctly complete the sentence.
Those keys don’t belong to you, ... they?
A) *are* B) *aren’t* C) *do* D) *don’t*

2. Choose the answer which correctly completes the sentence.
The best time to go shopping is in the morning ... shops are not busy then.
A) *which* B) *that* C) *what* D) *when*

3. Choose the answer which correctly complete the sentence.
He was ... tall that he hit his head on the ceiling.
A) *as* B) *so* C) *such* D) *so as*

4. Choose the answer which correctly completes the sentence.
The class got ... when the professor entered.
A) *quietly* B) *quieting* C) *quiet*
D) *quitness*

5. Choose the answer which correctly complete the sentence.
We hurried to the airport, but the plane ... a few minutes ago.
A) *took off* B) *was taken off* C) *take off*
D) *has taken off*

6. Choose the answer which correctly completes the sentence.
The boy is dirty from head to foot because he ... in the mud.
A) *played* B) *have played*
C) *has been playing* D) *plays*

7. Choose the answer which correctly completes the sentence.
He needs to get his suit ... as he spilled some tomato sauce on it.
A) *cleaned* B) *to clean* C) *clean*
D) *cleaning*

8. Choose the answer which correctly complete the sentence.
We went home so that we could hear the news of Eurovision ... the radio.
A) *on* B) *in* C) *from* D) *for*

9. Choose the answer which correctly completes the sentence.
Nora asked Bill: "Where did you hide my purse?"
Nora asked Bill where ... her purse.
A) *he hid* B) *did he hide* C) *he had hidden*
D) *he hide*

10. Choose the answer which correctly complete the sentence.
While Dan was washing up the dishes the girls ... the kitchen.
A) *were cleaning* B) *was cleaned*
C) *were cleaned* D) *cleaned*

11. Choose the answer which correctly complete the sentence.
There was a long line in front of the theatre. We ... wait almost an hour to buy our tickets.
A) *need* B) *had to* C) *were able* D) *must*

12. Choose the answer which correctly complete the sentence.
Jack left his family at ... early age to get a job in town.
A) *an* B) *the* C) - D) *a*

13. Choose the answer which correctly completes the sentence.
The early pioneers in the US ... mainly on hunting and fishing for their food.
A) *were using to rely* B) *used to rely*
C) *were used to rely* D) *used to relying*

14. Change the sentence into the Passive Voice.
They didn't ask me my name.
A) *I didn't ask my name.*
B) *I wasn't asked my name.*
C) *I wasn't asked name.*
D) *My name wasn't asked.*

15. Choose the answer which correctly completes the sentence.
We woke up just ... time to see the sunrise this morning.
A) *in* B) *on* C) *for* D) *to*

16. Choose the answer which correctly completes the sentence.
Recently there has been an outbreak of the flu, and doctors don't know...
A) *the cause is what* B) *what the cause is*
C) *is what the cause* D) *that is the cause*

17. Choose the answer which correctly completes the sentence.
Dad, I have nothing to wear. The jeans you bought me ... fit me.
A) *don't* B) *doesn't* C) *aren't* D) *isn't*

18. Choose the answer which correctly completes the sentence.
She would have recognised him if she ... him before.
A) *would see* B) *saw* C) *see* D) *had seen*

19. Choose the answer which correctly completes the sentence.
When he fell awkwardly it felt like he had broken his ankle, but fortunately the injury wasn't ... he first thought.
A) *as serious as* B) *serious*
C) *the most serious* D) *more serious*

20. Choose the answer which correctly completes the sentence.
The roads were slippery and we ... had an accident this morning.
A) *near* B) *next* C) *nearer* D) *nearly*

21. Choose the answer which correctly completes the sentence.
Kate reads "The Washington Post" every day. She doesn't read any ... newspapers.
A) *others* B) *other* C) *another*
D) *the other*

22. Choose the answer which correctly complete the sentence.
We usually have ... breakfast at 8 o'clock.
A) *a* B) *the* C) *an* D) -

23. Choose the answer which correctly complete the sentence.
They have promised to lend me a tennis racket so I ... take mine.
A) *daren't* B) *don't have to* C) *mustn't*
D) *can't*

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

One of the smallest of all mammals is the shrew, a mouse like creature with a head and body length of only 3.8 centimetres. All shrews are small, with dense, velvety fur, long tails, and tiny eyes and ears. Shrews have been called bloodthirsty, though the label is not entirely accurate because they must eat almost constantly to stay alive. The animal is believed to have a very high metabolic rate and cannot live more than a few hours without food. In the absence of normal prey, it will turn to cannibalism to survive. The shrew, or some closely related animal, can be found on every continent except Australia. Since this tiny animal has a reputation for having a very bad temper, the adjective "shrewish" is sometimes used to describe a certain type of women.

24. The passage tells us that the shrew ...
A) *lives in dense forests.*
B) *has a very short life span.*
C) *is in the habit of eating every two hours.*
D) *is similar to a mouse in appearance*

25. The passage states that shrews ...
A) *are found in huge numbers in Australia.*
B) *are the smallest living mammals.*
C) *eat rarely but in large amounts at a time.*
D) *eat each other when they can't find any food.*

26. From what is stated in the passage, we can infer that a shrewish woman is someone who ...

A) *easily gets annoyed.*

B) *has tiny eyes and ears.*

C) *is noticeably smaller than the average.*

D) *is very fond of velvet and fur.*

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

Johannes Brahms is a German composer, pianist, and conductor. His works (27) ... four symphonies, songs and concertos for piano and for violin. He (28) ... and conducted his own works.

27.

A) *includes* B) *include* C) *will include* D) *are included*

28.

A) *performed* B) *recognized* C) *designed* D) *attempted*

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

Consumers are creatures of habit: they buy the same products time and time again, and such is their (29)... with big brands, and the colours and logos that represent them, that they can register a brand they like with barely any conscious thought process. The packaging of consumer products (30)... therefore crucial vehicle for delivering the brand and the product (31)... our shopping baskets.

29.

A) *familiarly* B) *familiar* C) *familiarize* D) *familiarity*

30.

A) *are* B) *have been* C) *will be* D) *is*

31.

A) *with* B) *into* C) *towards* D) *of*

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

Lieutenant Zachary Mayo, a 20-year old sailor in the US navy woke up and couldn't get back to sleep because of hot and stuffy air. He got off his bunk quietly so as not to wake up his shipmates. He put his blue overalls on and left the cabin and went onto the deck of a huge aircraft carrier. It was two o'clock on a Friday morning. He breathed in fresh air and looked up at the stars in the sky. And then without thinking he leaned out too far and lost his footing. Before he knew it, he was in the water, watching the huge ship disappearing into the night. Nobody had seen him fall, and for nearly 2 days not one of the crew realized he was missing.

Mayo survived because at training camp two years before he had been taught how to make clothes into life jackets, so he took off his overalls and tied the arms and legs. Then he waved his "life jacket" over his head and filled it with air so that he could stay afloat.

32. Zachary Mayo left his cabin because ...

A) *he wanted to admire the stars in the sky*

B) *he wanted to get some fresh air*

C) *somebody woke him up*

D) *he suffered from insomnia*

33. How did Z. Mayo appear in the water?

A) *his shipmates pushed him into the water*

B) *he wanted to have a swim*

C) *lost his balance when he leaned out*

D) *to test his overalls if he could stay afloat*

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

Of the six outer planets, Mars, commonly called the Red Planet, is the closest to Earth. Mars, 4,200 miles in diameter and 55% of the size of Earth, is 34,600,000 miles from Earth, and 141,000,000 miles from the Sun. It takes this planet, along with its two moons, Phobos and Deamos, 1,88 years to circle the Sun, compared to 365 days for the Earth.

For many years, Mars had been thought of as the planet with the man-made canals, supposedly discovered by an Italian astronomer, Schiaparelli, in 1877. With the United States spacecraft Viking I's landing on Mars in 1976, the man-made canal theory was proven to be only a myth.

Viking I, after landing on the soil of Mars, performed many scientific experiments and took numerous pictures. The pictures showed that the red colour of the planet is due to the reddish, rocky Martian soil. No biological life was found, though it had been speculated by many scientists. The Viking also monitored many weather changes including violent dust storms. Some water vapour, polar ice and permafrost (frost below the surface) were found, indicating that at one time there were significant quantities of water on this distant planet. Evidence collected by the spacecraft shows some present volcanic action, though the volcanoes are believed to be dormant if not extinct.

34. Which of the following is not true?

A) *Martian soil is rocky*

B) *Mars is larger than Earth*

C) *It takes longer for Mars to circle the Sun than it takes Earth*

D) *Mars has two moons*

35. Man-made canals were supposedly discovered by ...

A) *Viking I* B) *Schiaparelli* C) *Phobos*
D) *Martian*

36. Mars has been nicknamed as ...

A) *The Red Planet* B) *Martian* C) *Deimos*
D) *Viking I*