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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: 1000043

Toshkent – 2014

MATEMATIKA (INFORMATIKA BILAN)

1. ABC uchburchak berilgan. AB to‘g‘ri chiziqqa parallel tekislik bu uchburchakning AC tomonini A_1 nuqtada, BC tomonini B_1 nuqtada kesib o‘tadi. AB=15 sm, $AA_1 : AC = 2 : 3$ bo‘lsa, A_1B_1 kesma uzunligini (sm) toping.
   A) *5* B) *2* C) *4* D) *3*

2. $\left((-15)^{-3}\right)^{-8} : \left((-15)^{-13}\right)^{-2} - \left(-\frac{1}{15}\right)^2$ ni hisoblang.
   A) $-\frac{1}{225}$ B) *0* C) $\frac{2}{225}$ D) *50*

3. Sotuvchi kilosi 1500 so‘mdan 100 kg olma sotib oldi. 20 kg maydaroq olmalarni sotuvchi 1750 so‘mdan, qolganlarini 2000 so‘mdan sotdi. Bu tijoratda sotuvchi necha foiz foyda qilgan?
   A) *27* B) *25* C) *30* D) *35*

4. ABC uchburchakda $AB = 3AC$. Uchburchakning C va B uchlaridan o‘tkazilgan balandliklarining nisbati qanday?
   A) *3:1* B) *1:4* C) *2:3* D) *1:3*

5. $|(x+3)(x+1)+1| \le 0$ tengsizlikni yeching.
   A) 0 B) -2 C) $\emptyset$ D) 2

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

7. O‘suvchi geometrik progressiyaning dastlabki uchta hadi yig‘indisi 35 ga teng. Agar ulardan mos ravishda 2; 2 va 7 ni ayirsak, hosil bo‘lgan sonlar arifmetik progressiyaning dastlabki uchta hadini tashkil qiladi. Shu arifmetik progressiyaning ikkinchi hadini toping.
   A) 8 B) 10 C) 5 D) 6

8. $ax = by = cz = 6$ va $x + y + z = 36$ ekani ma’lum bo‘lsa, $\frac{1}{a} + \frac{1}{b} + \frac{1}{c}$ ni toping.
   A) *6* B) *5* C) *9* D) *12*

9. Yon sirti 60π ga, balandligi 2 ga teng silindr asosining diametrini toping.
   A) *15* B) *10* C) *30* D) *20*

10. Uchlari $A(1;1)$, $B(-2;3)$ va $C(-1;-2)$ nuqtalarda bo‘lgan uchburchakning A va B burchaklarini toping.
    A) $90°; 45°$ B) $45°; 90°$ C) $30°; 90°$
    D) $60°; 30°$

11. $\frac{8-n}{2+\sqrt[3]{n}} : \left(2 + \frac{\sqrt[3]{n^2}}{2+\sqrt[3]{n}}\right) - \left(\sqrt[3]{n} + \frac{2\sqrt[3]{n}}{\sqrt[3]{n}-2}\right) \cdot \frac{4-\sqrt[3]{n^2}}{\sqrt[3]{n^2}+2\sqrt[3]{n}}$ ifodani soddalashtiring. ($n \neq \pm 8$)
    A) *1* B) *0* C) *2* D) $\frac{1}{n}$

12. To‘g‘ri burchakli uchburchakning gipotenuzasi c ga, unga ichki chizilgan aylana radiusi r ga teng bo‘lsa, uchburchakning yuzini toping.
    A) $2cr$ B) $r^2 + cr$ C) $r^2 + c^2$ D) $c^2 + cr$

13. x, y, z - butun sonlar bo‘lib, $\begin{cases} \frac{xy}{x-y} = -6 \\ \frac{yz}{y-z} = -\frac{15}{2} \\ \frac{xz}{x-z} = -\frac{10}{3} \end{cases}$ bo‘lsa, $x - y - z =$?
    A) 6 B) -8 C) -6 D) 10

14. Agar tengyonli trapetsiyaning perimetri 72 ga hamda yon tomoni o‘rta chizig‘ining yarmiga teng bo‘lsa, shu trapetsiyaning yon tomonini toping.
    A) *12* B) *10* C) *9* D) *16*

15. $\frac{x^2 - (m-4)x - 4m}{x^2 + (1-m)x - m}$ ni hisoblang.
    A) $\frac{x-4}{x-2}$ B) $\frac{x+4}{x+1}$ C) $\frac{x-1}{x+2}$ D) $\frac{x-4}{x-1}$

16. Talaba besh yilda 31 ta imtihon topshirdi. U har keyingi yilda oldingi yildagiga qaraganda ko‘p imtihon topshirgan. Beshinchi kursda birinchi kursdagidan 3 marta ko‘p imtihon topshirgan bo‘lsa, to‘rtinchi kursda nechta imtihon topshirgan?
    A) *8* B) *6* C) *7* D) *9*

17. Aylananing uzunligi shu aylananing $40°$ li yoyi uzunligidan necha foiz ko‘p?
    A) *800* B) *900* C) *600* D) *700*

18. $\begin{cases} x - y = 2 \\ xy = 15 \end{cases}$ tenglamalar sistemasini yeching.
    A) $(-5;-3); (3;-5)$ B) $(5;3); (-5;-3)$
    C) $(-5;3); (3;-5)$ D) $(5;3); (-3;-5)$

19. Uchburchakli piramidaning yon yoqlari asos tekisligi bilan 60° li burchak tashkil etadi. Agar piramida asosining yuzi 40 ga teng bo‘lsa, piramidaning to‘la sirtini toping.
A) 80 B) 128 C) 72 D) 120

20. $a = \left(1+\frac{1}{2}\right)\left(1+\frac{1}{3}\right)\left(1+\frac{1}{4}\right)...\left(1+\frac{1}{2011}\right)$, $b = \left(1-\frac{1}{2}\right)\left(1-\frac{1}{3}\right)\left(1-\frac{1}{4}\right)...\left(1-\frac{1}{2012}\right)$ berilgan, $a \cdot b$ ko‘paytmani toping.
A) *3* B) $\frac{1}{2}$ C) *2* D) *1*

21. To‘g‘ri burchakli ABC uchburchakda $\angle A = 30°$ bo‘lib, AB=6 sm li gipotenuzasini diametri qilib, doira chizildi. Hosil bo‘lgan eng kichik segmentning yuzini toping.
A) 18π B) 36π C) $\frac{12\pi - 9\sqrt{3}}{4}$
D) $\frac{6\pi - 9\sqrt{3}}{4}$

22. $ABCDEFGH$ muntazam sakkizburchakning yuzi 1 ga teng bo‘lsa, $ABEF$ to‘g‘ri to‘rtburchakning yuzini toping.
A) $\frac{\sqrt{2}}{4}$ B) $\frac{1+\sqrt{2}}{4}$ C) $\frac{3}{2}$ D) $\frac{1}{2}$

23. $\sqrt{x^2-x-12} + \sqrt{5x-x^2-4} + tg\frac{\pi}{2x-4} = 1$ tenglamani yeching.
A) *4* B) *1* C) *1; 3* D) *3*

24. $\int\limits_{-1}^{2} (x^2-1)\,dx$ ni hisoblang.
A) 1 B) -2 C) 0 D) 2

25. Agar arifmetik progressiyada $s_{2n} = 2013$, $S_{3n} = 2001$ bo‘lsa, S_n ni toping.
A) *1344* B) *1354* C) *1346* D) *1350*

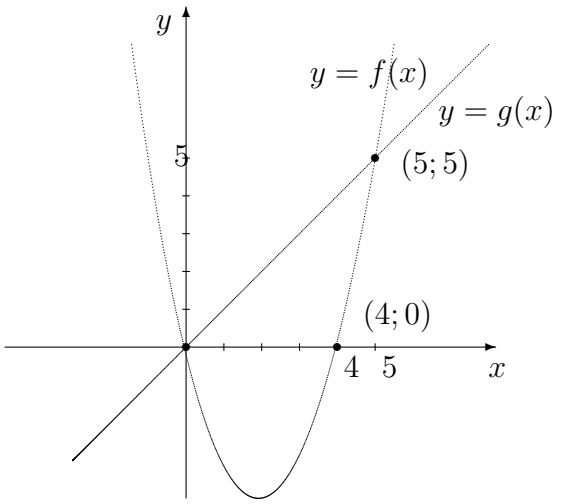
26. $log_{x-1}(x+1) > 2$ tengsizlikni yeching.
A) $(-\infty; 0) \cup (3; \infty)$
B) $(2; 3)$
C) $(2; 3) \cup (3; \infty)$
D) $(0; 1) \cup (2; 3)$

27. $f(x) = cos^4x - sin^4x$ berilgan, $f'\left(\frac{\pi}{4}\right)$ ni toping.
A) *1* B) *-2* C) *2* D) *0*

28. $y = log_{0,5}x$ funksiyaga teskari funksiyani toping.
A) $x = log_{0,5}y$ B) $x = log_2y$ C) $y = (0,5)^x$
D) $x = (0,5)^y$

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

30. Quyidagi chizmaga asoslanib $\frac{f(8)}{g(8)}$ ning qiymatini toping.



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

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. Protsessorlardan ma’lumotlarni baytlarda olib, qurilmalarga bitlarda uzatadigan port turini aniqlang.
A) *parallel* B) *ketma-ket* C) *slot*
D) *shina*

33. MS Word dasturi kompyuterda ishlayotgan bo‘lsa, u holda ...
A) *MS Word dasturi boshqa kompyuterdan ko‘chirib o‘tkazilgan*
B) *MS Office paketi installyatsiya qilingan*
C) *MS Office paketi deinstallyatsiya qilingan*
D) *MS Office paketi ko‘chirib o‘tkazilgan*

34. MS Word 2003 dasturida uskunalar panelini sozlash bo‘limi qaysi menyuda joylashgan?
A) *Файл(Fayl)* B) *Правка(Tahrir)*
C) *Вид(Ko‘rinish)* D) *Формат(Format)*

35. Nuqtalar o‘rniga kerakli iborani tanlang: Foydalanuvchi elektron pochta qutisini Internetga ulangan ... ocha oladi.
A) *faqat o‘z kompyuterida*
B) *faqat shu pochta ochilgan kompyuterda*
C) *ixtiyoriy kompyuterda*
D) *faqat server kompyuterda*

36. Dastur lavhasida X qaysi qiymatni qabul qiladi?
VAR i,j,X: intejer;
BEGIN FOR i:=1 TO 2 DO;
FOR j:=2 DOWNTO 1 DO X:=i+j; END.
A) *3* B) *7* C) *4* D) *10*

FIZIKA

1. 220 V kuchlanishga mo‘ljallangan 180 W quvvatli televizorga qo‘yilgan eruvchan saqlagichga 1 A deb yozib qo‘yilgan. Bu saqlagich kun bo‘yi qancha kuchlanishga (V) bardosh beradi?
A) *268,8* B) *230* C) *240* D) *260,8*

2. Nyutonning ikkinchi qonunini impuls yordamida ifodalangan formulasini belgilang.
A) $F \cdot t = \Delta p$ B) $F = \frac{dp}{dt}$ C) $F = m\frac{\upsilon}{t}$
D) $F = ma$

3. Tinch holatidan boshlab tekis tezlanuvchan harakat qilayotgan jismning 11-sekundda bosib o‘tgan yo‘li 10-sekundda bosib o‘tgan yo‘lidan necha marta farq qiladi?
A) *21/17* B) *21/19* C) *7/3* D) *121/100*

4. Izobarik jarayonda bir atomli gazga berilgan issiqlik miqdorining qancha qismi ichki energiyaning ortishiga va qancha qismi ish bajarishga sarf bo‘ladi?
A) $\frac{2}{3}; \frac{1}{3}$
B) $\frac{3}{5}; \frac{2}{5}$
C) $\frac{1}{5}; \frac{4}{5}$
D) $\frac{1}{3}; \frac{2}{3}$

5. Ballonda 20 mol gaz bo‘lsa, undagi molekulalar sonini toping.
A) $12 \cdot 10^{25}$ B) $1,2 \cdot 10^{25}$ C) $1,2 \cdot 10^{24}$
D) $12 \cdot 10^{24}$

6. Teleminora soyasining uzunligi 50 m, balandligi 7,5 m bo‘lgan sim yog‘och sayasining uzunligi esa 1 m bo‘lsa, teleminoraning balandligini (m) toping.
A) *750* B) *667* C) *150* D) *375*

7. Aylana bo‘ylab tekis harakat qilayotgan moddiy nuqtaning chiziqli tezligi 2 m/s va burchak tezligi 5 rad/s bo‘lsa, markazga intilma tezlanishini (m/s^2) toping.
A) *20* B) *15* C) *10* D) *5*

8. Gaz razryadi jarayonida qanday zarrachalar ishtirok etadi?
A) *faqat elektronlar*
B) *faqat ionlar*
C) *elektronlar, musbat va manfiy ionlar*
D) *elektronlar va kovaklar*

9. O‘zgaruvchan tok o‘tayotgan zanjir qismidagi kuchlanishi vaqt o‘tish bilan $U = U_0 sin(\omega t + \pi/6)$ qonun bo‘yicha o‘zgaradi. Vaqtning $T/12$ qiymatida kuchlanishning oniy qiymati 10 V ga teng. Kuchlanishning amplituda qiymatini (V) toping.
A) *11* B) *11,1* C) *11,54* D) *12*

10. Radioperedatchik 30 m to‘lqin uzunlikda ishlaydi. Uning chastotasini (Hz) toping. c=3·10^8 m/s
A) *100·10^6* B) *10·10^6* C) *10* D) *1000*

11. 27°C da bir atomli 10 mol gazning ichki energiyasi qanday (kJ)?
A) *37,4* B) *29,4* C) *30,4* D) *38,4*

12. Elektr dvigatelga ulangan iste'molchidan 0,5 A tok o'tmoqda, undagi kuchlanish 20 V. Dvigatel 1 soatda qancha ish (kJ) bajaradi? Dvigatelning FIK 80% ga teng.
A) *28,8* B) *34* C) *32,5* D) *30*

13. G'altakning o'lchamlarini uning induktivligi 2 marta ortadigan qilib o'zgartirildi. G'altakdan o'tayotgan tokni 2 marta kamaytirildi. G'altakning magnit maydon energiyasi qanday o'zgaradi?
A) *2 marta ortadi* B) *o'zgarmaydi*
C) *4 marta ortadi* D) *2 marta kamayadi*

14. Tok manbaining EYuK 2 V ga, ichki qarshiligi 1 Ω ga teng. Tashqi zanjir 0,75 W quvvat iste'mol qilsa, manbaning tok kuchini (A) aniqlang.
A) *0,5 yoki 1,5* B) *1,5* C) *1* D) *0,5*

15. Atom holatidagi kislorod zarrachalarining 138°C dagi o'rtacha kvadratik tezliklarini (m/s) aniqlang. M_{atom}=16 g/mol, R=8,3 $\frac{J}{K \cdot mol}$
A) *800* B) *840* C) *650* D) *540*

16. To'lqin uzunligi 6,6 nm bo'lganida fotoeffektni to'xtatuvchi potensial 100 V ga teng bo'lsa, u holda elektronning shu moddadan chiqish ishini (J) aniqlang. h=6,62·10^{-34} J·s, c=3·10^8 m/s, $m_e = 9,1 \cdot 10^{-31}$ kg
A) *1,4·10*$^{-15}$ B) *14·10*$^{-17}$ C) *1,4·10*$^{-17}$
D) *1,4·10*$^{-16}$

17. Matematik mayatnik 3 s da 2 marta tebranmoqda. Mayatnik ipining uzunligini (sm) toping. g=10 m/s^2, π=3,14
A) *6* B) *57* C) *55* D) *50*

18. Yopiq idishda suv va uning to'yingan bug'i bor. Harorat pasayganda to'yingan bug'ning zichligi qanday o'zgaradi?
A) *boshlang'ich haroratga bog'liq* B) *ortadi*
C) *o'zgarmaydi* D) *kamayadi*

19. Yuqoriga tik otilgan 1 kg massali jismning 10 m balandlikdagi kinetik energiyasi 100 J bo'lsa, u qanday boshlang'ich tezlik bilan (m/s) otiladi?
A) *50* B) *20* C) *30* D) *25*

20. Elektr sig'imlari $C_1 = C_2 = C_3$=10 μF dan bo'lgan kondensatorlardan ikkitasi o'zaro paralell, uchinchisi esa ularga ketma-ket ulangan kondensatorlar bateriyasi o'zgarmas kuchlanish manbaidan zaryadlangan. Birinchi kondensator olgan elektr zaryadi 5 nC ga teng bo'lsa, uchinchi kondensatorning elektr zaryadini (nC) toping.
A) *7,5* B) *10* C) *15* D) *5*

21. Radiusi R bo'lgan shar yerda tinch turibdi. O'lchami sharning o'lchamidan ancha kichik jism sharning yuqorigi nuqtasidan tinch holatdan boshlab sirpanmoqda. Yer sirtidan qanday h balandlikda jism shardan ajraladi?
A) $h = 5R/3$ B) $h = R/3$ C) $h = 2R/3$
D) $h = 2,5R$

22. Temir o'zakka bir necha qavat qilib izolatsiyalangan o'tkazgich (sim) o'rab hosil qilingan g'altak nima deb ataladi?
A) *elektromagnit* B) *rele* C) *elektrodvigatel*
D) *generator*

23. Bikrligi 250 N/m bo'lgan prujinaga bog'lab qo'yilganda 16 s ichida 20 marta tebradigan yukning massasini (kg) toping. π^2=10
A) *4* B) *0,4* C) *16* D) *1,6*

24. Izolatsialangan sistema energiyasi ΔW ning o'zgarishi sistema bajargan A ishga teng. Quyidagi tasdiqqa mos formulasi ko'rsating.
A) $\Delta W - A = Q$ B) $\Delta W = -A$
C) $\Delta W = Q$ D) $\Delta W = A$

25. Oyning Yer atrofidagi orbita bo'ylab aylanishidagi tezlanishi nimaga teng (m/s^2)? Yer va Oy markazlari orasidagi masofa 60 Yer radiusiga teng. G_{Yer}=10 m/s^2 deb hisoblang.
A) *1/360* B) *1/36* C) *1/3600* D) *1/720*

26. Massasi 4 kg bo'lgan jism havoda 8,3 m/s^2 tezlanish bilan tushmoqda. Havoning qarshilik kuchini (N) toping. g=9,8 m/s^2
A) *33,2* B) *40* C) *6* D) *60*

27. Massasi 10 kg va uzunligi 40 sm bo'lgan tayoqning uchlariga massalari 40 va10 kg bo'lgan yuklar osilgan. Tayoq muvozanatda turishi uchun uning birinchi uchidan qanday masofada (sm) tayanch qo'yish lozim?
A) *11* B) *12* C) *10* D) *9*

28. Hajmi bir litr bo‘lgan kub shaklidagi idish suv bilan to‘ldirilgan. Suvning idish tubiga va to‘rt devoriga bo‘lgan umumiy bosim kuchini (N) aniqlang.
A) *30* B) *28,3* C) *29,4* D) *24,4*

29. 18 V kuchlanish tarmog’iga qarshiligi 40 Ω va 50 Ω ga teng bo’lgan rezistorlar ketma-ket ulandi. Ikkinchi rezistorning uchlaridagi potensiallar farqini (V) toping.
A) *8* B) *9* C) *12* D) *10*

30. Quyoshdan Yergacha bo‘lgan masofa $150 \cdot 10^6$ km bo‘lsa, Quyoshdan chiqqan yorug‘lik Yerga qancha vaqtda (min) yetib keladi? Yorug‘lik tezligi $3 \cdot 10^8$ m/s ga teng.
A) *6* B) *8,5* C) *8* D) *8,33*

31. m massali zarraning kinetik energiyasi W bo‘lsa, tezligi qanday?
A) $\upsilon = c\sqrt{1 + \left(\frac{mc^2}{mc^2+W}\right)^2}$
B) $\upsilon = \sqrt{2W/m}$
C) $\upsilon = c^2 p/W$
D) $\upsilon = c\sqrt{1 - \left(\frac{mc^2}{mc^2+W}\right)^2}$

32. Neytronni kim va qachon topgan?
A) *E.Fermi, 1942 y.*
B) *I.V.Kurchatov, 1946 y.*
C) *O.Gan va F.Shtrassman, 1938 y.*
D) *D.Chedvik ,1932 y.*

33. Qanday sharoitda sochuvchi linzaning optik kuchi musbat bo‘la oladi? n_1 - atrof muhitning optik zichligi, n_2 - linza yasalgan moddaning optik zichligi.
A) $n_1 > n_2$
B) *sochuvchi linzaning optik zichligi musbat bo‘la olmaydi*
C) $n_1 < n_2$
D) $n_1 = n_2$

34. Shaxta tubida barometr 82 sm.sim.ust. ni, yer sirtida 78 sm.sim.ust. ni ko‘rsatayotgan bo‘lsa, shaxtaning chuqurligini (m) aniqlang.
A) *48* B) *40* C) *4,8* D) *480*

35. 100 V va 50 V kuchlanishgacha zaryadlangan 2 μF va 0,5 μF sig‘imli kondensatorlarni bir xil ishorali qoplamalari bilan o‘zaro ulanganda issiqlikka aylangan elektr energiyasi miqdorini (J) aniqlang.
A) $0{,}5 \cdot 10^{-4}$ B) $2{,}5 \cdot 10^{-4}$ C) $25 \cdot 10^{-4}$
D) $5 \cdot 10^{-4}$

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

INGLIZ TILI

1. Choose the answer which correctly complete the sentence.
Our car stopped on the halfway to the city. We coudn’t go ... because we had no petrol left.
A) *farther* B) *farthest* C) *far* D) *further*

2. Choose the answer which correctly complete the sentence.
If you can’t start the car, why don’t you try ... it with all your force?
A) *pushes* B) *pushed* C) *push*
D) *pushing*

3. Choose the answer which correctly complete the sentence.
Everyone in the village participated ... searching the lost child.
A) *to* B) *for* C) *with* D) *in*

4. Choose the answer which correctly completes the sentence.
If we lived in the country, we ... a lot of animals.
A) *had got* B) *will have* C) *would have*
D) *had*

5. Choose the answer which correctly completes the sentence.
He hardly recognised Amanda! She ... blonde.
A) *has had her hair dyed* B) *dyed your hair*
C) *had to dye her hair*
D) *had her hair to dye*

6. Choose the answer which correctly completes the sentence.
I advise you to buy a Volkswagen . . . .
Volkswagen cars are cheap, they last a long time.
A) *even though* B) *because* C) *as*
D) *despite*

7. Choose the answer which correctly completes the sentence.
I always stay at this hotel because it is the only one with facilities for . . . disabled.
A) *the* B) *a* C) - D) *an*

8. Choose the answer which correctly completes the sentence.
I am afraid there are . . . vacancies in the company at present.
A) *neither* B) *no* C) *none* D) *not*

9. Choose the answer which correctly completes the sentence.
She wouldn't have got wet if she . . . her umbrella.
A) *would take* B) *had taken* C) *takes*
D) *took*

10. Choose the answer which correctly complete the sentence.
"Will you please hold this bag for me?" - Laura said to Helen.
Laura asked Helen . . .
A) *to hold the bag for her.*
B) *that she will hold her bag for her.*
C) *that would she hold her bag for her.*
D) *if she would please to hold that bag.*

11. Choose the answer which correctly completes the sentence.
Did you tell him the news? He hadn't heard the news, . . . ?
A) *hadn't he* B) *he had* C) *had he*
D) *had he heard*

12. Choose the answer which correctly completes the sentence.
Can you help me look . . . my glasses. I can't find them.
A) *after* B) *at* C) *for* D) *up*

13. Choose the answer which correctly completes the sentence.
She went to the bank . . . to get some money.
A) *in case* B) *even though* C) *unless*
D) *in order*

14. Choose the answer which correctly completes the sentence.
Before Brian started his job last month, he had been told by the manager that he . . . dress very smartly.
A) *must* B) *could* C) *ought* D) *had to*

15. Choose the answer which correctly completes the sentence.
The twins were difficult to tell apart, particularly when they wore very . . . clothing.
A) *similar* B) *the same* C) *alike*
D) *different*

16. Choose the answer which correctly completes the sentence.
At the party I really enjoyed . . . your friends.
A) *to meet* B) *meeting* C) *meet* D) *met*

17. Choose the answer which correctly complete the sentence.
Vasco de Gama, accompanied by a large crew and a fleet of twenty ships, . . . trying to establish Portuguese domination in Africa in the 16-th century.
A) *were* B) *has been* C) *have been*
D) *was*

18. Choose the answer which correctly complete the sentence.
We went out for a delicious meal in . . . Chinese restaurant last week.
A) *a* B) - C) *the* D) *an*

19. Choose the answer which correctly complete the sentence.
She was not interested in the book because she . . . it.
A) *hadn't been understanding*
B) *wasn't understanding*
C) *hadn't understood* D) *didn't understand*

20. 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) *must* D) *were able*

21. Choose the answer which correctly completes the sentence.
I'm finally used ... on an electric stove after having a gas one for a long time.
A) *cooked* B) *cooking* C) *to cooking*
D) *to cook*

22. Choose the answer which correctly complete the sentence.
He deserved to be given an ... for bravery.
A) *award* B) *direction* C) *mark* D) *ticket*

23. Choose the answer which correctly completes the sentence.
Just before the university term ... I am going to have a ten-day holiday in Spain.
A) *will start* B) *start* C) *started*
D) *starts*

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) *is in the habit of eating every two hours.*
C) *is similar to a mouse in appearance*
D) *has a very short life span.*

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

26. From what is stated in the passage, we can infer that a shrewish woman is someone who ...
A) *is noticeably smaller than the average.*
B) *has tiny eyes and ears.*
C) *is very fond of velvet and fur.*
D) *easily gets annoyed.*

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

Many famous people did not enjoy (27)... success in their early lives. Walt Disney, who was the creator of Mickey Mouse and the founder of his own movie production company, once was fired by a newspaper editor because he had (28)... good ideas.

27.
A) *immediately* B) *immediate*
C) *immediacy* D) *imitate*

28.
A) *any* B) *no* C) *nothing* D) *none*

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) *familiarity* C) *familiarize*
D) *familiar*

30.
A) *will be* B) *have been* C) *is* D) *are*

31.

A) *towards* B) *into* C) *with* 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) *somebody woke him up*

C) *he suffered from insomnia*

D) *he wanted to get some fresh air*

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

A) *he wanted to have a swim*

B) *lost his balance when he leaned out*

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

D) *his shipmates pushed him into the water*

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) *Mars is larger than Earth*

B) *Martian soil is rocky*

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

36. Mars has been nicknamed as ...

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