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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: 1000048

Toshkent – 2014

MATEMATIKA (INFORMATIKA BILAN)

1. m dan katta bo‘lmagan juft natural sonlarning yig‘indisi x, m dan katta bo‘lmagan, lekin 10 dan katta bo‘lgan juft sonlarning yig‘indisi y hamda $x+y=810$ bo‘lsa, m ning barcha qiymatlari yig‘indisini toping.
A) *210* B) *420* C) *81* D) *83*

2. To‘g‘ri burchakli trapetsiyaning diagonali uning yon tomoniga teng. Agar bu trapetsiyaning balandligi 2 ga, yon tomoni esa 4 ga teng bo‘lsa, uning o‘rta chizig‘i uzunligini toping.
A) $6\sqrt{2}$ B) $3\sqrt{2}$ C) $5\sqrt{3}$ D) $3\sqrt{3}$

3. $3^{-x}=\sqrt{x}$ tenglamaning eng kichik butun yechimini toping.
A) *2* B) *0* C) *1* D) $\emptyset$

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

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

6. $f\left(\dfrac{3x-1}{x+2}\right)=\dfrac{x+1}{x-1}$ bo‘lsa, $f(x)$ ni toping.
A) $\dfrac{x+4}{3x-2}$ B) $\dfrac{2x+1}{3-x}$ C) $\dfrac{3x-1}{x+2}$
D) $\dfrac{x+1}{x-1}$

7. To‘rtburchakli muntazam prizma asosining yuzi 144 sm^2, balandligi 14 sm. Prizma diagonalini (sm) toping.
A) *12* B) *21* C) *22* D) *20*

8. $f(x)=sin2x+4x$, $f'(x)-?$
A) $cosx+4$ B) $2cos2x+4$ C) $cos2x+4x$
D) $-cos2x+4$

9. $\dfrac{712^2-289}{695}$ ni hisoblang.
A) *765* B) *695* C) *725* D) *729*

10. $\vec{a}(1;-2;2)$ va $\vec{b}(2;-2;-1)$ vektorlar berilgan bo‘lsa, $2\vec{a}^2-4(\vec{a}\vec{b})+5\vec{b}^2$ ifodaning qiymatni toping.
A) *44* B) *46* C) *47* D) *45*

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

12. Umumiy bahosi 225 dinor bo‘lgan ikki xil qimmatbaho mo‘ynali teri xalqaro bozorda 40% foydasi bilan sotildi. Agar birinchi xil teridan 25%, ikkinchisidan 50% foyda qilingan bo‘lsa, har bir terining bahosi necha dinor bo‘lgan?
A) *90; 135* B) *100; 125* C) *80; 145*
D) *200; 25*

13. Uchta butun son tashkil etgan arifmetik progressiyada birinchi hadi 1 ga teng. Agar ikkinchi hadga 3 qo‘shilsa, uchinchisi kvadratga ko‘tarilsa, geometrik progressiya hosil bo‘ladi. Uchinchi sonni toping.
A) *7* B) *8* C) *6* D) *9*

14. Muntazam o‘nburchakka tashqi chizilgan aylana radiusi $\dfrac{2}{sin18^\circ}$ ga teng bo‘lsa, uning tomonini toping.
A) *4* B) *3* C) *6* D) *2*

15. $f(x)=8x^3-6x^2+7$ funksiyaning $M(1;\ 0)$ nuqtadan o‘tuvchi boshlang‘ich funksiyasini toping.
A) $4x^4-2x^3+7x-6$ B) $4x^4-2x^3+7x-9$
C) $4x^4-2x^3+7x-7$ D) $2x^4-2x^3+7x-7$

16. $\log_2 3+2\log_4 x=\sqrt[\log_3 x]{x^{\log_9 16}}$ tenglamani yeching.
A) *16* B) $\dfrac{16}{3}$ C) *12* D) log_34

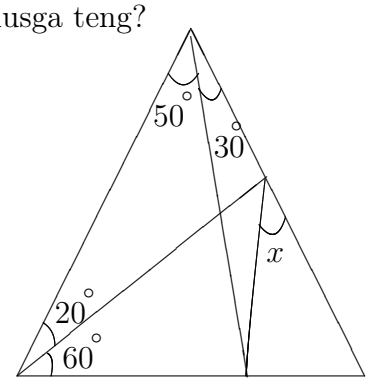
17. Radiuslari 2 va 3 ga teng bo‘lgan aylanalar bir-biriga tashqi ravishda urinadi. Ularning ikkalasi uchinchi aylanaga ichki ravishda urinsa va markazlari bitta to‘g‘ri chiziqda yotsa, tashqi aylananing ichki aylanalardan bo‘sh qolgan sohasi yuzini toping.
A) 9π B) 12π C) 4π D) 6π

18. Agar $xy+yz+zx=16$ bo‘lsa, $(x+y+z)^2$ ifoda teng bo‘lishi mumkin bo‘lgan eng kichik qiymatni toping.
A) *32* B) *16* C) *48* D) *64*

19. $y=arcsin\dfrac{x-3}{2}-lg(4-x)$ funksiyaning aniqlanish sohasini toping.
A) $[1;4)$ B) $[1;5]$ C) $(1;4)$ D) $[1;4]$

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

21. Quyidagi rasmda berilganlarga ko‘ra x necha gradusga teng?



A) *45* B) *50* C) *30* D) *40*

22. Qavariq ko‘pburchakning bir uchidan chiqqan diagonallari soni 47 ta. Bu ko‘pburchakning nechta tomoni bor?
A) *49* B) *51* C) *48* D) *50*

23. Agar $\dfrac{3^x+9^x+18^x}{2^x+6^x+12^x}=\dfrac{24}{81}$ bo‘lsa, x ni toping.
A) *-3* B) *-2* C) *-4* D) *-5*

24. $sinx=[x]$ tenglamani yeching. (Bu yerda $[x]-$ butun qism.)

A) $0,\ \dfrac{\pi}{2},\ \pi$

B) $x=\pi k;\ x=\dfrac{\pi}{2}+\pi k;\ k\in Z$

C) $\emptyset$

D) 0 *va* $\dfrac{\pi}{2}$

25. $||x-4|-7|>5$ tengsizlikning eng kichik musbat va eng katta manfiy butun yechimlari ayirmasini toping.
A) -12 B) 6 C) -6 D) *12*

26. $a=\sqrt{5}+\sqrt{6}$, $b=\sqrt{3}+\sqrt{8}$, $c=2+\sqrt{7}$ sonlarni o‘sish tartibida joylashtiring.
A) $a<b<c$ B) $b<c<a$ C) $b<a<c$
D) $c<b<a$

27. $n\in N$ va $\dfrac{1}{2}+\dfrac{1}{3}+\dfrac{1}{7}+\dfrac{1}{n}$ yig‘indi butun son bo‘lsa, quyidagilardan qaysi biri noto‘g‘ri?
A) *n soni 6 ga bo‘linadi*
B) *n soni 2 ga bo‘linadi* C) $n>84$
D) *n soni 3 ga bo‘linadi*

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

29. 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) *30* B) *27* C) *25* D) *35*

30. $x^2+y^2+8x-2y-8=0$ aylana va $x+y=4$ to‘g‘ri chiziqning kesishish nuqtalarini toping.
A) $(4;9)$, $(-5;1)$ B) $(2;1)$, $(-2;1)$
C) $(0;4)$, $(-1;5)$ D) $(3;2)$, $(5;-1)$

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. Amal va o‘tkazish natijasini aniqlang.
$63_8+21_8\to x_2$
A) 1000100_2 B) 1010100_2 C) 1011000_2
D) 1011001_2

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 Excel 2003 da berilgan shartni qanoatlantiruvchi satrlarni ajratib olish amali qanday ataladi?
A) *filtrlash* B) *tartiblash* C) *avtofiltr*
D) *hisobga olish*

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. Paskal dasturi lavhasidagi S ning qiymati nimaga teng?
begin S:=0; for I:=1 to 3 do S:=S+2∗i; writeln(S); end.
A) *24* B) *48* C) *96* D) *12*

FIZIKA

1. Massasi 50 kg bo‘lgan bola Oy sirtida turibdi deylik. U Oyga qanday kuch (N) bilan tortiladi? g=1,6 m/s^2
A) *16* B) *80* C) *500* D) *50*

2. Vakuumli diodning to’yinish toki 32 mA ga teng bo’lganda, katoddan 2 s ichida nechta elektron ajralib chiqadi?
A) $2{\cdot}10^{16}$ B) $4{\cdot}10^{17}$ C) $4{\cdot}10^{16}$ D) $2{\cdot}10^{17}$

3. Tinch holatidan boshlab tekis tezlanuvchan harakat qilayotgan jismning 10- sekundda bosib o‘tgan yo‘li 5- sekundda bosib o‘tgan yo‘lidan necha marta farq qiladi?
A) *19/7* B) *19/5* C) *4* D) *19/9*

4. Massasi 1 kg jism qanday balandlikdan (m) tushayotganda 4-sekund oxirida potensial va kinetik energiyalari E_{p_4}=450 J; E_{k_4}=800 J ga teng bo‘ladi; g=10 m/s^2.
A) *1250* B) *125* C) *125 000* D) *12,5*

5. Quyidagi tushunchalardan noto‘g‘rilarini ko‘rsating.
1) vaqt birligida tezlikning o‘zgarishi tezlanish deyiladi;
2) harakatning boshlang‘ich va oxirgi nuqtasini birlashtiruvchi kesma ko‘chish deyiladi;
3) harakatning o‘rtacha tezligi o‘rtacha arifmetik qiymatidan katta
A) *1, 2* B) *2* C) *2, 3* D) *3*

6. 800 W quvvatli elektr choynakda 20°C temperaturali 1,5 l suvni 20 min da qaynatish mumkin. Choynakning FIK ni (%) aniqlang. Suvning solishtirma issiqlik sig‘imi $C = 4200\frac{J}{kg \cdot K}$
A) *52* B) *5,2* C) *50* D) *72*

7. Tomonlari 0,5 m bo‘lgan yog‘och kub ko‘lda 2/3 qismi botgan holda suzib yuribdi. Shu kubni suvga to‘liq botirish uchun qanday minimal ish (J) bajarish kerak?
A) *34* B) *74* C) *54* D) *68*

8. 12 V kuchlanish tarmog’iga qarshiligi 20 Ω va 40 Ω ga teng bo’lgan rezistorlar ketma-ket ulandi. Ikkinchi rezistorning uchlaridagi potensiallar farqini (V) toping.
A) *9* B) *6* C) *4* D) *8*

9. Massasi 11 t bo‘lgan trolleybus 36 km/soat tezlik bilan harakatlanmoqda. Agar kuchlanish 550 V va FIK 80% bo‘lsa, dvigatel chulg‘amidagi tok kuchini (A) toping. Harakatlanishga qarshilik koeffitsiyenti 0,02 ga teng.
A) *25* B) *35* C) *45* D) *50*

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

11. Konturdagi induktivlikni 2 marta kamaytirsak, sig‘imi esa 8 marta orttirsak, unda erkin tebranish chastotasi qanday o‘zgaradi?
A) *4 marta ortadi* B) *4 marta kamayadi*
C) *2 marta ortadi* D) *2 marta kamayadi*

12. Malus qonuni ifodalovchi formulani ko‘rsating.
A) $I = I_0 cos^2\alpha$ B) $I = I_0 cos\alpha$
C) $I = I_0 + I cos\alpha$ D) $I = I_0 sin\alpha$

13. Chaqmoq chaqgandan so‘ng 6 s o‘tgach momoqaldiroq gumburladi, yashin razradi kuzatuvchidan qanday masofada (km) bo‘lgan?
A) *56* B) *256* C) *2* D) *45*

14. 3 kg massali 15 m/s tezlik bilan harakatlanayotgan aravacha unga qarama-qarshi yo‘nalishda xuddi shunday tezlikda harakatlanayotgan 1 kg massali aravachaga urilib, unga yopishib qoldi. Ularning birgalikdagi tezligini (m/s) toping.
A) *15* B) *13,2* C) *5* D) *7,5*

15. 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) $n_1 < n_2$
C) *sochuvchi linzaning optik zichligi musbat bo‘la olmaydi*
D) $n_1 = n_2$

16. Yorug‘lik suvda qanday tezlik (m/s) bilan tarqaladi? n_{suv}=1,33
A) *00000* B) *2,25·10^8* C) *2,20·10^8*
D) *3·10^8*

17. Tezligi $1,9 \cdot 10^7$ m/s bo‘lgan α-zarra oltin atomi yadrosi yo‘nalishida harakatlanib, yadroga qanday eng kichik masofagacha (m) yaqinlashishi mumkin? α-zarraning massasi $6,6 \cdot 10^{-27}$ kg, zaryadi $1,3 \cdot 10^{-17}$ Kl.
A) $3,8 \cdot 10^{-14}$ B) $3,1 \cdot 10^{-14}$ C) $4,9 \cdot 10^{-14}$
D) $4 \cdot 10^{-14}$

18. Isitgich elektr choynakda boshlang‘ich temperaturasi 10°C bo‘lgan 2 kg massali suvni quvvati 1 kVt bo‘lgan. Elektr choynakning FIK 90%. Agar kuchlanish 220 V bo‘lsa, isitgich elementining elektr spiralidagi tok kuchi (A) qanday bo‘ladi?
A) *450* B) *4500* C) *45* D) *4,5*

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

20. Natriy sariq nurlarining havodagi to‘lqin uzunligi 589 μm. Shu nurning shishadagi to‘lqin uzunligini (m) toping. Shishaning sindirish ko‘rsatkichi 1,56 ga teng.
A) *5·10^{-7}* B) *3,9·10^{-7}* C) *3,78·10^{-7}*
D) *34·10^{-7}*

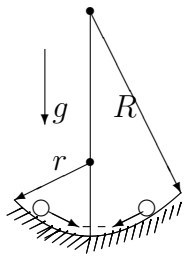
21. Alfa zarra (m=6,65·10^{-27} kg) elektr maydonida 6,4·10^{11} m/s^2 tezlanish bilan harakatlanishi uchun, elektr maydon kuchlanganligi qanday bo’lishi (kV/m) kerak?
A) *26,6* B) *13,3* C) *4,26* D) *7,87*

22. Agar og‘irligi 7,8 N bo‘lgan metall parchasining suvdagi og‘irligi 6,8 N ga, benzindagi og‘irligi 7,1 N ga teng bo‘lsa, benzinning zichligi (kg/m^3) qanday?
A) *800* B) *700* C) *7000* D) *680*

23. Gorizontal ravishda aylanayotgan disk ustida, disk o‘qidan 1 m masofada 1 m/s chiziqli tezlik bilan aylanayotgan jism ishqalanish koeffitsiyenti qanday bo‘lganda joyidan qo‘zg‘ala boshlaydi?
A) *0,1* B) *0,01* C) *0,2* D) *0,05*

24. Ko’ndalang kesim yuzasi 20 mm^2, tok tashuvchi elektronlarining konsentrasiyasi 2·10^{22} sm^{-3} va tartibli harakat tezligi 0,01 mm/s ga teng bo’lgan o’tkazgichning ko’ndalang kesimi orqali 5 minutda o’tgan elektronlar sonini toping.
A) *1,2·10^{21}* B) *2,2·10^{21}* C) *2·10^{20}*
D) *4·10^{21}*

25. Sharcha nov ichida kuchsiz tebranmoqda. Novning bir yoni r egrilikka, ikkinchi yoni R egrilikka ega. Tebranishlarning chap va o‘ng tomondagi amplitudalari nisbatini aniqlang.



A) $\frac{r}{R}$ B) $\frac{R-r}{R+r}$ C) $\frac{r^2}{R^2}$ D) $\sqrt{\frac{r}{R}}$

26. Ikkita proton qarama-qarshi yo’nalishda harakatlanmoqda. Ular o’rtasida mavjud bo’luvchi barcha ta’sir kuchlarini aniqlang. 1 - elektr tortishish; 2 - elektr itarishish; 3 - magnit tortishish; 4 - magnit itarishish; 5 - gravitasion tortishish
A) *2, 4, 5* B) *1, 3, 5* C) *2, 3, 5* D) *1, 4, 5*

27. Agar prujinani 0,01 m siqish uchun 10 N kuch kerak bo‘lsa 0,08 m ga siqish uchun ketgan kuchning ishini (J) toping.
A) *0,8* B) *3,2* C) *1,6* D) *6,4*

28. Elektron E_1 energiyali satqdan E_2 energiyali sathga o‘tgandan keyin nurlangan kvant energiyasining to‘lqin uzunligi λ topilsin.
A) $\frac{E_1 - E_2}{hc}$ B) $\frac{hc}{E_2 - E_1}$ C) $\frac{h}{E_1 - E_2}$
D) $\frac{h\nu}{E_1 - E_2}$

29. Normal sharoitda bitta gaz molekulasi ilgarilanma harakatining o‘rtacha kinetik energiyasini (J) hisoblang.
A) $5{,}7{\cdot}10^{-20}$ B) $5{,}74 \cdot 10^{-21}$ C) $7{,}54{\cdot}10^{-21}$
D) $7{,}54{\cdot}10^{-20}$

30. Sig‘imi 20 l bo‘lgan ballondagi 2 kg massali havoninng -13°C haroratdagi bosimi (MPa) qancha? Havoning molyar massasi 29 g/mol.
A) *7* B) *74,5* C) *10* D) *7,45*

31. Ikki idish ideal gaz bilan to‘ldirilib, kran bilan birlashtirilgan. Birinchi idishdagi molekulalarni o‘rtacha kvadratik tezligi $\overline{\upsilon_1}$, ikkinchisidagi - $\overline{\upsilon_2}$. Birinchi idishdagi molekulalar soni n marta ortiq bo‘lsa, kran ochib yuborilganidan so‘ng molekulalar o‘rtacha kvadratik tezligi qanday bo‘ladi?
A) $\sqrt{\frac{\overline{\upsilon_1}^2 + n\overline{\upsilon_2}^2}{n+1}}$
B) $\sqrt{\frac{n\overline{\upsilon_1}^2 + \overline{\upsilon_2}^2}{n+1}}$
C) $\sqrt{\frac{\overline{\upsilon_1}^2 + n\overline{\upsilon_2}^2}{n}}$
D) $\sqrt{\frac{n\overline{\upsilon_1}^2 + \overline{\upsilon_2}^2}{n}}$

32. Massasi 5000 t bo‘lgan poyezd 36 km/soat tezlik bilan harakatlanmoqda. Agar tormozlanish kuchi 0,25 MN ga teng bo‘lsa, tormozlangandan keyin bir minut ichida poyezd qancha masofani (m) o‘tadi?
A) *5000* B) *51* C) *510* D) *5100*

33. Lorens kuchi ifadasining to‘g‘ri javob yozilgan variantini tanlang.
A) $F = qE$ B) $F = IBlsin\alpha$ C) $F = \frac{m\upsilon^2}{R}$
D) $F = q\upsilon Bsin\alpha$

34. Ikki kosmik kema $\upsilon_1 = \upsilon_2$=0,75c tezlik bilan qarama-qarshi yo‘nalishda harakatlanmoqda. Birining 2-siga nisbatan tezligi qanday?
A) *0,96c* B) *0,86c* C) *c* D) *0,9c*

35. Radiusi 2 sm bo‘lgan po‘lat sharning massasini (kg) toping. Po‘latning zichligi 7,8 g/sm^3.
A) *0,26* B) *6,2* C) *2,6* D) *62,4*

36. 40 l 10°C li suvga 20 l 40°C li suv aralashtirildi. Aralashmaning haroratini (°C) toping.
A) *24* B) *28* C) *22* D) *20*

INGLIZ TILI

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

2. Choose the answer which correctly completes the sentence.
"Why is the bus late?"
Can you tell me why ... late.
A) *the bus was* B) *the bus is*
C) *was the bus* D) *is the bus*

3. Choose the answer which correctly complete the sentence.
Helen is ... a busy person that she never feels bored.
A) *as* B) *so* C) *such* D) *so as*

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

5. Choose the answer which correctly completes the sentence.
I would go out more often if I ... to work so much.
A) *don't have* B) *hadn't* C) *didn't have*
D) *wouldn't have*

6. 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) *an* B) *the* C) - D) *a*

7. Choose the answer which correctly completes the sentence.
I know the man ... bicycle was stolen when he left it near a shop.
A) *whose* B) *which* C) *that* D) *who*

8. Choose the answer which correctly complete the sentence.
The Olympic Games began more than two thousend years ago. At that time, only Greek men ... to compete.
A) *were allowing* B) *was allowed*
C) *allowed* D) *were allowed*

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 had hidden* B) *did he hide*
C) *he hide* D) *he hid*

10. Choose the answer which correctly completes the sentence.
The course is very popular, but we are only able to accept twenty of the ... people.
A) *to apply* B) *apply* C) *applying*
D) *application*

11. Choose the answer which correctly complete the sentence.
We have just heard on TV that, hurricane Jefferey ... hit the Caribbean, causing widespread damage in Puerto Rico.
A) *have* B) *was* C) - D) *has*

12. Choose the answer which correctly completes the sentence.
Alf ... as a waiter for ten years, then he opened his own company.
A) *worked* B) *works* C) *has worked*
D) *has been working*

13. Choose the answer which correctly complete the sentence.
The secretary said that she ... a reservation for me at the hotel.
A) *will make* B) *has made* C) *made*
D) *had made*

14. Choose the answer which correctly completes the sentence.
The price for that painting was very reasonable; I would gladly have paid ... he asked.
A) *three times more than*
B) *three times as much as*
C) *as three-times than* D) *three times more*

15. Choose the answer which correctly completes the sentence.
We congratulated Simon ... the success of his first book.
A) *from* B) *for* C) *with* D) *on*

16. Choose the answer which correctly complete the sentence.
I've got three new dresses: a red one and two black dresses. I think I'll wear ... red one.
A) *some* B) - C) *a* D) *the*

17. Choose the answer which correctly completes the sentence.
George's father gives him enough money to go to school, so he ... work.
A) *doesn't have to* B) *didn't have to*
C) *ought not to* D) *has to*

18. 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) *when* D) *what*

19. Choose the answer which correctly completes the sentence.
A telephone recorder tells callers what time ..., so you needn't go specially to find out the time.
A) *does the movie start* B) *start the movie*
C) *starts the movie* D) *the movie starts*

20. Choose the answer which correctly completes the sentence.
Nancy used ... a bike to work, but now she drives.
A) *riding* B) *ride* C) *to be ridden*
D) *to ride*

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

22. Choose the answer which correctly completes the sentence.
"Arm" and "dog" are ... words. Each word has three letters said Tony.
A) *three letter* B) *three letters*
C) *a three letter* D) *threes letters*

23. Choose the answer which correctly completes the sentence.
Just a minute! Do you hear someone ... for help? Shall we call the police?
A) *calling* B) *to call* C) *called*
D) *will call*

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

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

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.

Although they were described as the (27)... designs in many years, there isn't anything very new about the lattest line of shoes from Santorelli. As one of the most famous designers in Italy, Salvatore Santorelli is expected to do more than simply repeat the previous year's (28)... formula of "smart, but casual" sandals in a range of pastels.

27.
A) *first new Italian* B) *new first Italian*
C) *first Italian new* D) *Italian first new*

28.
A) *succession* B) *successful* C) *success*
D) *successfully*

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

One of the earliest methods of home heating, the fireplace continues (29) ... popular today. Ancient fireplaces were usually central pits in the house that also served as stoves, light sources, and (30) ... from wild animals. Modern fireplaces are sometimes valued more (31) ... their appearance than their actual heating capacities.

29.
A) *was* B) *been* C) *to be* D) *is*

30.
A) *benefit* B) *protection* C) *comfort*
D) *challenge*

31.

A) *on* B) *for* C) *after* D) *at*

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

The Yangtze river dolphin has been declared "functionally extinct". This means that although there may be some of them left, there aren't enough to repopulate the species. The reason behind this tragedy is a combination of water pollution and hydro-electric dam projects. Hydro-electric dams are harmful because they isolate groups of dolphins, creating smaller populations. This means that numbers are lower, and breeding is less likely.

Now there are fears for the future of another breed of dolphin, the Amazonian pink river dolphin. The Brazilian government are planning a hydro-electric plant in the middle of their habitat. Hunting also threatens the animals. They're still widespread compared to other species, but there is a sharp decline in numbers - roughly 10% per year. "The number is worrying", said Vera da Silva, a biologist at the National Institute of Amazonian Research.

32. What is the text about?

A) *The danger of hunting for the Brazilian population.*

B) *The danger of two breeds of dolphins disappearing.*

C) *Hydro-electric dam projects on the Yangtze river.*

D) *The breeding of small river dolphins.*

33. What does the number 10 in the text refer to?

A) *Groups of biologist who are trying to repopulate dolphins.*

B) *The percentage of Amazonian dolphins which die out every year.*

C) *Governmental organizations which fight the pollution of rivers.*

D) *The percentage of living Yangtze river dolphins.*

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

The Great Pyramid of Giza, a monument of wisdom and prophecy, was built as a tomb for Pharaoh Cheops in 2720 B.C. Despite its antiquity, certain aspects of its construction make it one of the truly great wonders of the world. The four sides of the pyramid are aligned almost exactly on true north, south, east, and west - an incredible engineering flat. The ancient Egyptians were sun worshippers and great astronomers, so computations for the Great Pyramid were based on astronomical observations.

Explorations and detailed examinations of the base of the structure reveal many intersecting lines. Further scientific study indicates that these represent a type of time line of events past, present, and future. Many of the events have been interpreted and found to coincide with known facts of the past.

Others are prophesied for future generations and presently are under investigation.

Was this superstructure made by ordinary beings, or one built by a race superior to any known today?

34. What did the ancient Egyptians base on their calculations?

A) *knowledge of the earth's surface*

B) *observation of the celestial bodies*

C) *advanced tools of measurement*

D) *advanced technology*

35. Why was the Great Pyramid constructed?

A) *as a solar observatory*

B) *as an engineering feat*

C) *as a tomb for the pharaoh*

D) *as a religious temple*

36. Why is the Great Pyramid of Giza considered one of the Seven Wonders of the World?

A) *it was built by a super race*

B) *it is very old*

C) *it was selected as the tomb of Pharaoh Cheops*

D) *it is perfectly aligned to the four cardinal points of the compass and contains many prophesies*