.

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: 1000044

Toshkent – 2014

MATEMATIKA (INFORMATIKA BILAN)

1. $2^{x^2+1} = 1 - x^8$ tenglamani yeching.
   A) *1* B) *-1* C) *2*
   D) *tenglama ildizga ega emas*

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

3. 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) $3\sqrt{3}$ C) $5\sqrt{3}$ D) $3\sqrt{2}$

4. Asosining tomonlari 12; 9 va 15 hamda asosidagi barcha ikki yoqli burchaklari $60°$ dan iborat bo‘lgan uchburchakli piramidaning hajmini toping.
   A) $54\sqrt{3}$ B) $108\sqrt{3}$ C) $162\sqrt{3}$ D) $27\sqrt{3}$

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

6. $x^2 + \frac{16}{x^2} + (x - \frac{4}{x}) - 28 = 0$ tenglamaning ildizlari yig‘indisini toping.
   A) *1* B) *0* C) *4* D) *-1*

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

8. Geometrik progressiyada $b_9 \cdot b_{19} = 9$ ga teng, $b_1 \cdot b_{27} + 1$ ni toping.
   A) *4* B) *5* C) *10* D) *2*

9. $sinx = [x]$ tenglamani yeching. (Bu yerda $[x]-$ butun qism.)
   A) 0 *va* $\dfrac{\pi}{2}$
   B) $\emptyset$
   C) $0, \dfrac{\pi}{2}, \pi$
   D) $x = \pi k;\ x = \dfrac{\pi}{2} + \pi k;\ k \in Z$

10. Hosila uchun qaysi munosabatlar o‘rinli?
    1) $(\ln \sin x)' = ctgx$;
    2) $\left(\cos \dfrac{1}{x}\right)' = -\dfrac{1}{x^2} \sin \dfrac{1}{x}$;
    3) $(\log_4 5x)' = \dfrac{1}{5x \ln 4}$;
    4) $\left(2^{\sqrt{x}}\right)' = \dfrac{2^{\sqrt{x}} \ln 2}{2\sqrt{x}}$
    A) *1, 4* B) *3, 4* C) *1, 2* D) *1, 3*

11. $3ax - 6x^2 - 8 + x^3$ ko‘phad to‘la kub bo‘ladigan barcha a larni toping.
    A) *-2* B) *-4* C) *4* D) *2*

12. Aylanaga tashqi chizilgan muntazam oltiburchakning tomoni $2\sqrt{3}$ sm bo‘lsa, shu aylanaga ichki chizilgan kvadratning yuzini (sm^2) hisoblang.
    A) *12* B) *20* C) *16* D) *18*

13. Agar to‘g‘ri to‘rtburchak kichik tomoni $a = 10\sqrt{2}$ bo‘lsa, uning ixtiyoriy burchagidan katta tomonga o‘tgan bissektrisasi uzunligi qancha?
    A) *20* B) *10* C) *30* D) *15*

14. $\sqrt[4]{\sqrt[3]{25}} \cdot \sqrt[6]{5^5}$ ni hisoblang.
    A) $5\sqrt[12]{5}$ B) $5\sqrt[6]{5}$ C) *5* D) $\sqrt[3]{5}$

15. O‘zaro tashqi urinuvchi 3 ta aylana radiuslari 1, 2 va 3 ga teng. Bu aylanalarning urinish nuqtalari orqali o‘tuvchi aylananing radiusini toping.
    A) *1/2* B) *1,2* C) *1/3* D) *1*

16. Radiusi r bo‘lgan aylananing vatari aylana markazidan $\dfrac{r\sqrt{3}}{2}$ uzoqlikda bo‘lsa, bu vatar tortib turgan yoy uzunligini toping.
    A) $\dfrac{\pi r}{3}$ B) $\dfrac{\pi r}{4}$ C) $\dfrac{\pi r}{6}$ D) $\dfrac{\pi r}{2}$

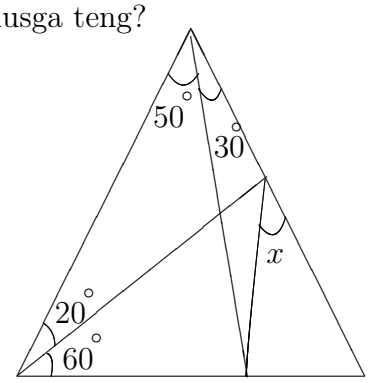
17. Uzunligi 17 ga teng bo‘lgan kesmaning uchlari tekislikdan 4 va 12 ga teng uzoqlikda yotishi ma’lum bo‘lsa, kesmaning tekislikdagi proyeksiyasi uzunligini toping.
    A) *16* B) *12* C) *10* D) *15*

18. $f(x) = \dfrac{1}{sin^2x} + x^2$, $F(x)-?$

A) $ctgx + \dfrac{2x^2}{3} + c$ B) $ctgx + 2x + c$

C) $-ctgx + \dfrac{x^3}{3} + c$ D) $ctgx + 2x^2 + c$

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



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

20. Cheksiz kamayuvchi ishorasi almashinuvchi geometrik progressiyada ketma-ket kelgan uchta hadning yig‘indisi -21 ga, ko‘paytmasi 729 ga teng bo‘lsa, shu sonlarni toping.

A) *-3; 9; -27* B) *27; -9; 3* C) *-27; 9; -3*
D) *-28; 14; -7*

21. Uchlari $A(1;1)$, $B(-2;3)$ va $C(-1;-2)$ nuqtalarda bo‘lgan uchburchakning A va B burchaklarini toping.

A) $45°; 90°$ B) $60°; 30°$ C) $30°; 90°$
D) $90°; 45°$

22. Kesik konusning yon sirti 10π ga, to‘la sirti 18π ga teng. Konusning to‘la sirti unga ichki chizilgan shar sirtidan qanchaga ortiq?

A) 16π B) 15π C) 14π D) 10π

23. Agar arifmetik progressiyada $S_{13} = 52$ bo‘lsa, a_7 ni toping.

A) *3* B) *4* C) *5* D) *8*

24. To‘g‘ri to‘rtburchakning diagonali 17 sm, tomonlaridan biri esa 8 sm. To‘g‘ri to‘rtburchakning yuzini (sm^2) toping.

A) *80* B) *140* C) *120* D) *160*

25. Dastlabki n ta hadining yig‘indisi $S_n = 2n^2 + 3n$ rekurent formula bilan berilgan ketma-ketlikning o‘ninchi hadini toping.

A) *27* B) *42* C) *41* D) *39*

26. $y = \sqrt{sin^3 2x}$ ning hosilasini hisoblang.

A) $\dfrac{3}{2}\sqrt{sin2x}$ B) $3cos2x\sqrt{sin2x}$

C) $3\sqrt{sin2x}$ D) $-3cos2x\sqrt{sin2x}$

27. Muntazam o‘nikkiburchakning bitta ichki burchagini hisoblang.

A) *140°* B) *145°* C) *150°* D) *135°*

28. $log_2(x-1) - log_2(x+1) + log_{\frac{x+1}{x-1}}2 > 0$ tengsizlikni yeching.

A) $x < 3$ B) $x > 4$ C) $x > 3$ D) $x > 6$

29. $31 \cdot 52 - 93 \cdot 4 + 57 \cdot 25 - 19 \cdot 35 + 2 \cdot (-10)^3$

A) *1000* B) *0* C) *4000* D) *-1000*

30. $\dfrac{(x^2+x+1)x^2}{x^2-5x+6} < 0$ tengsizlikni yeching.

A) $(-\infty; 2] \cup [3; \infty)$
B) $[2; 3]$
C) $(2; 3)$
D) $(-\infty; 2]$

31. Agar kitobdagi axborot hajmi 7 Kbayt bo‘lsa, uni nechta “Axborot” so‘zi bilan almashtirish mumkin?

A) *1024* B) *2048* C) *2000* D) *14336*

32. Protsessorlardan ma’lumotlarni baytlarda olib, qurilmalarga bitlarda uzatadigan port turini aniqlang.

A) *parallel* B) *ketma-ket* C) *slot*
D) *shina*

33. Tasvirli fayllarning kengaytmasi keltirilgan qatorni aniqlang.

A) *.bmp, .gif* B) *.com, .exe* C) *.bas, .pas*
D) *.xls, .doc*

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. Tashkil etish texnologiyasiga ko‘ra web-sahifalar necha va qanday turga bo‘linadi?

A) *2 turga: statik, dinamik*
B) *3 turga: statik, dinamik, interaktiv*
C) *4 turga: statik, dinamik, interaktiv, input type*
D) *2 turga: input type va interaktiv*

36. Random (x) funksiyasining vazifasini aniqlang.

A) *Parametrli takrorlash funksiyasi*

B) *[0, x) oraliqdagi tasodifiy sonni aniqlash funksiyasi*

C) *[0, 1) oraliqdagi tasodifiy sonni aniqlash funksiyasi*

D) *Tasodifiy harflar generatori*

FIZIKA

1. Yorug‘lik suvda qanday tezlik (m/s) bilan tarqaladi? n_{suv}=1,33

A) *2,25·10*^{8} B) *2,20·10*^{8} C) *00000*
D) *3·10*^{8}

2. O‘lchamlari 60×20×5 sm^3 bo‘lgan po‘lat plitani qizdirish uchun 1680 kJ issiqlik sarflangan bo‘lsa, plitaning hajmi (sm^3) qanchaga o‘zgargan? Po‘latning zichligi 7800 kg/sm^3, solishtirma issiqlik sig‘imi 460 J/(kg·K), chiziqli kengayishning termik koeffitsiyenti $1,2 \cdot 10^{-5}$ K^{-1}.

A) *20* B) *13,5* C) *10,6* D) *16,9*

3. Elektr lampochka yonganda undagi gazning temperaturasi 15 dan 300°C gacha ortsa, lampochka ballonidagi gazning bosimi necha marta ortadi?

A) *≈3 marta* B) *≈1,5 marta* C) *≈2 marta*
D) *≈4 marta*

4. Tebranish konturida kondensator plastinkalaridagi q zaryad t vaqt o‘tishi bilan $q = 10^{-6}cos10^4\pi t$ qonun bo‘yicha o‘zgaradi. Zaryadning amplituda (C) qiymatini ko‘rsating.

A) *10*$^{-9}$ B) *10*$^{-6}$ C) *π·10*$^{-6}$ D) *10*$^{-4}$

5. 4 g vodoroddagi modda miqdorini (mol) toping.

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

6. Muz parchasi suv sirtidan 2 sm chiqqan holda suzib yuribdi. Muz parchasi asosining yuzi 200 sm^2 bo‘lsa, uning og‘irligi (N) qancha? Muzning zichligi 0,9 g/sm^3.

A) *45* B) *90* C) *3,6* D) *35*

7. Shaxta tubida barometr 82 sm.sim.ust. ni, yer sirtida 78 sm.sim.ust. ni ko‘rsatayotgan bo‘lsa, shaxtaning chuqurligini (m) aniqlang.

A) *4,8* B) *480* C) *48* D) *40*

8. Massasi 50 kg bo‘lgan bola Oy sirtida turibdi deylik. U Oyga qanday kuch (N) bilan tortiladi? g=1,6 m/s^2

A) *500* B) *16* C) *80* D) *50*

9. Balandligi 210 m bo‘lgan sharsharadan tushayotgan suvning pastdagi temperaturasi sharshara boshidagi temperaturasidan qancha (°C) ortiq? Suvning solishtirma issiqlik sig‘imi 4200 J/(kg·K). Mexanik energiya suvning isishi uchun sarf bo‘ladi.

A) *2* B) *1,2* C) *0,5* D) *1*

10. 2,5 Tl induksiyali bir jinsli magnit maydon o‘tkazgichdagi tok kuchi 0,5 A bo‘lganda induksiya vektoriga 30° burchak ostida joylashgan 50 sm uzunlikdagi o‘tkazgichga qanday kuch (N) bilan ta’sir qiladi?

A) *0,33* B) *0,35* C) *0,3* D) *0,31*

11. Havoning nisbiy namligini o‘lchaydigan asbob nima?

A) *ariometr* B) *psixrometr* C) *barometr*
D) *gigrometr*

12. υ tezlik bilan borayotgan odam ko‘cha chiroqlari tagidan o‘tib bormoqda, chiroqlar yerdan H balandlikka osilgan. Odamning balandligi h ga teng bo‘lsa, uning yerdagi soyasining uchki qismi qanday tezlikda harakatlanadi?

A) $\frac{H+h}{H}\upsilon$ B) $\frac{H-h}{H}\upsilon$ C) υ D) $\frac{H}{H-h}\upsilon$

13. Bir jinsli magnit maydon induksiyasi 2 marta ortsa, bu maydonga joylashgan o‘tkazgichdagi tok kuchi qanday o‘zgaradi?

A) *o‘zgarmaydi* B) *4 marta ortadi*
C) *2 marta kamayadi* D) *2 marta ortadi*

14. Elektr choynagi 220 V kuchlanishga ulangan holda 3,2 A tok iste’mol qilib 1 l suvni 12 minutda qaynatdi. Suvning boshlang‘ich harorati 20°C bo‘lsa, FIKni (%) toping.
c_{suv}=4200 $\frac{J}{kg \cdot ^\circ C}$

A) *66* B) *84* C) *98* D) *71*

15. Dengizdagi to‘lqin do‘ngliklari orasidagi masofa 5 m. Katerning to‘lqinga qarshi harakatiga 1 s da kater korpusiga 4 marta to‘lqin urildi. To‘lqin bilan bitta yo‘nalishda harakatlanganda 2 marta urildi. Agar kater tezligi to‘lqin tezligidan katta bo‘lsa kater (m/s) va to‘lqin (m/s) tezligini toping.
A) *10; 5* B) *20; 10* C) *25; 5* D) *15; 5*

16. 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) *5;* $7,45 \cdot 10^{-21}$ B) *3;* $7,4 \cdot 10^{-20}$
C) *2;* $6 \cdot 10^{-21}$ D) *6;* $7,4 \cdot 10^{-21}$

17. Tinch turgan liftdagi matematik mayatnik tebranish davri 5 s ga teng. Tezlanish bilan harakatlanayotgan liftdagi mayatnik tebranish davri 10 s ga teng bo‘lsa, liftning tezlanishini (m/s^2) aniqlang.
A) *5* B) *4* C) *7,5* D) *2,5*

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

19. 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) *121/100* D) *7/3*

20. Tebranish konturidagi tok kuchining vaqt bo‘yicha o‘zgarish tenglamasi quyidagi ko‘rinishda berilgan $I = 0,02sin400\pi t$ (A). Konturning induktivligi 1 H ga teng. Kondensator qoplamalaridagi maksimal potensiallar farqini (V), magnit va elektr maydonlarning maksimal energiyasini (J) toping.
A) *25,1;* $2 \cdot 10^{-4}$ B) *24;* $3 \cdot 10^{-4}$ C) *26;* $9 \cdot 10^{-4}$
D) *23;* $7 \cdot 10^{-4}$

21. Massasi 700 g bo‘lgan jismni vertikal ravishda yuqoriga 15 m/s tezlik bilan otildi. U yerga 13 m/s tezlik bilan qaytib tushdi. Havoning qarshiligini yengish uchun bajarilgan ishni (J) hisoblang.
A) *19,4* B) *19,2* C) *18,6* D) *19,6*

22. Bir xil 5 nC dan elektr zaryadiga ega bo’lgan, radiuslari 2 sm va 6 sm ga teng bo’lgan metall sharlar bir-biriga tekizilsa va dastlabki holatga qaytarilsa ularning ta’sirlashuv energiyasi qanday o’zgaradi?
A) *25% ortadi* B) *25% kamayadi*
C) *o’zgarmaydi* D) *32% ortadi*

23. Ballondagi gazning yarmi chiqib ketishi natijasida uning temperaturasi 55°C dan 2°C gacha pasaygan bo‘lsa, ichki energiya necha marta kamaygan bo‘ladi?
A) *2,2* B) *2,38* C) *2,30* D) *2,36*

24. 0,6c tezlik bilan harakatlanayotgan zarraning massasi tinchlikdagi massasiga qaraganda qanchaga ortgan? Zarraning tinchlikdagi massasi m_0.
A) *1,6*m_0 B) *0,25*m_0 C) *1,25*m_0 D) *0,8*m_0

25. Avtomobil yo‘lning birinchi yarmini 10 m/s, ikinchi yarmini esa 15 m/s tezlik bilan o‘tdi. Butun yo‘l davomida o‘rtacha tezlikni (m/s) toping.
A) *25* B) *12,5* C) *12* D) *5*

26. Quduqdan chelakda suv tortilmoqda. Chelak hajmi 10 l. Arqon o‘raladigan baraban radiusi 10 sm va dastak tirsagi 50 sm ga teng. Suv chiqarish uchun tirsakka qanday kuch (N) bilan ta’sir etish kerak? Suvning zichligi $1000\frac{kg}{m^3}$.
A) *50* B) *20* C) *10* D) *100*

27. Tezligi 10 m/s, massasi 10 kg bo‘lgan granata ikki bo‘lakka ajraldi. Katta bo‘lakning tezligi 25 m/s bo‘lib granataning harakat yo‘nalishida, kichik bo‘lakning tezligi 12,5 m/s bo‘lib qarama-qarshi yo‘nalishda harakatlansa, bo‘laklarning massalarini (kg) toping.
A) *7 va 3* B) *8 va 2* C) *6 va 4* D) *9 va 1*

28. 120 V ga mo‘ljallangan 40 Vt li lampochka 220 V li tarmoqqa ulanganda normal yonishi uchun unga ketma-ket qilib necha metr $3{\cdot}10^{-4}$ m diametrli nixrom simdan ulash kerak bo‘ladi? Nixromning solishtirma qarshiligi $1{,}1{\cdot}10^{-6}$ Om·m.
A) *15,3* B) *9,3* C) *10,6* D) *19,3*

29. Yadro nuklonlarga ajratib yuborildi. Bunda energiya yutiladimi yoki ajraladimi?
A) *og‘ir yadrolarda yutiladi, yengil yadrolarda ajraladi*
B) *ajraladi*
C) *yutilishi ham, ajralishi ham mumkin*
D) *yutiladi*

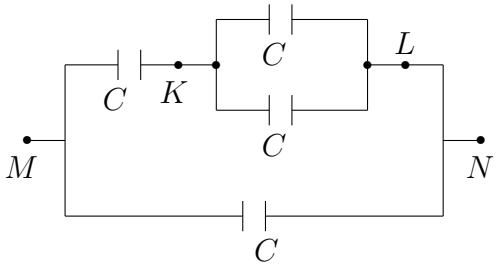
30. Agar ichki qarshiligi 1 Ω bo‘lgan ampermetrga 0,2 Ω qarshilik parallel ulansa, uning o‘lchash chegarasi necha marta orttirilgan bo‘ladi?
A) *4* B) *2* C) *6* D) *8*

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

32. Qizil yorug‘lik nuri (λ =700 nm) va rentgen nuri (λ =10^{-10} m) ning energiyalari nisbati $\frac{E_c}{E_r}$ qanchaga teng?
A) $7{\cdot}10^{-5}$ B) $1{,}4{\cdot}10^{-4}$ C) $1{,}4{\cdot}10^{-3}$
D) $7{\cdot}10^{-4}$

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

34. Rasmdagi har bir kondensatorning sig‘imi C ga teng. M va N nuqtalar orasidagi potensiallar farqi 120 V bo‘lsa, K va L nuqtalar orasidagi potensiallar farqini (V) toping.



A) *20* B) *40* C) *30* D) *60*

35. 72 km/h tezlikda harakatlanayotgan poyezd dvigateli o‘chirilsa, qancha masofa (m) yo‘l o‘tib to‘xtaydi? Ishqalanish koeffitsienti μ=0,02.
A) *1440* B) *500* C) *1000* D) *720*

36. 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) *5100* B) *5000* C) *51* D) *510*

INGLIZ TILI

1. Choose the answer which correctly complete the sentence.
They were tired because they ... hard all morning.
A) *studied* B) *had been studying*
C) *had studied* D) *were studying*

2. 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) *to cooking* B) *cooking* C) *cooked*
D) *to cook*

3. Choose the answer which correctly completes the sentence.
Lizzie's sister got engaged ... a fashion dezigner last month.
A) *with* B) *for* C) *at* D) *to*

4. Choose the answer which correctly completes the sentence.
Your friend can borrow my ... camera for the weekend.
A) *fathers-in-law* B) *father's-in-law*
C) *father-in-law* D) *father-in-law's*

5. Choose the answer which correctly completes the sentence.
Once a busy city, Pompeii was destroyed by the eruption of ... Mount Vesuvius in 79 A.D.
A) *a* B) - C) *an* D) *the*

6. Choose the answer which correctly completes the sentence.
They closed down the factory because it ⋯ money for years.
A) *has lost* B) *was losing* C) *lost*
D) *had been losing*

7. Choose the answer which correctly completes the sentence.
Nobody can always do whatever ... please in life.
A) *he* B) *you* C) *she* D) *they*

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

9. Choose the answer which correctly completes the sentence.
That is not ... Stephen Frazer that I went to school with.
A) *these* B) *a* C) *the* D) -

10. Choose the answer which correctly completes the sentence.
He never found his key ... he looked in every pocket and every drawer.
A) *as* B) *because* C) *though* D) *despite*

11. Choose the answer which correctly completes the sentence.
As a rule, the smaller the town, ... it is to park your car.
A) *cheaper* B) *the cheaper* C) *cheap*
D) *the cheapest*

12. Choose the answer which correctly completes the sentence.
"Did it rain last week?"
Do you know ... last week.
A) *if it had rained* B) *whether it rained*
C) *did it rain* D) *if did it rain*

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

14. Choose the answer which correctly completes the sentence.
I wish I ... everything to you yesterday.
A) *explained* B) *could explain*
C) *could have explained* D) *have explained*

15. Choose the answer which correctly completes the sentence.
Mr. Parris said he would like ... by Monday if that was possible.
A) *the report will be finished*
B) *finished the report*
C) *to have the report finished*
D) *the report finishing*

16. Choose the answer which correctly completes the sentence.
Isabel travels by train because she is terrified ... flying.
A) *from* B) *of* C) *by* D) *for*

17. Choose the answer which correctly complete the sentence.
Sarah wished she ... late for the meeting.
A) *weren't* B) *hasn't been* C) *hadn't been*
D) *isn't*

18. Choose the answer which correctly completes the sentence.
Until last week I never ... motorbike before.
A) *was riding* B) *rode* C) *rides*
D) *had ridden*

19. 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) *despite* B) *as* C) *even though*
D) *because*

20. Choose the answer which correctly completes the sentence.
The children shouldn't play outside in cold weather, and ...
A) *she should either* B) *neither she should*
C) *she should neither* D) *neither should she*

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

22. Choose the answer which correctly complete the sentence.
The policeman asked who was the ... person to see the man alive?
A) *latest* B) *last* C) *later* D) *late*

23. Choose the answer which correctly completes the sentence.
There was a conference in the Institute.
A number of teachers ... there.
A) *are sent* B) *is sent* C) *were sent*
D) *be sent*

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 in the habit of eating every two hours.*
C) *lives in dense forests.*
D) *is similar to a mouse in appearance*

25. The passage states that shrews ...
A) *eat each other when they can't find any food.*
B) *are found in huge numbers in Australia.*
C) *are the smallest living mammals.*
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) *has tiny eyes and ears.*
B) *is very fond of velvet and fur.*
C) *is noticeably smaller than the average.*
D) *easily gets annoyed.*

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) *new first Italian* B) *first Italian new*
C) *first new Italian* D) *Italian first new*

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

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

A forest is a thickly wooded area. Forests have a wide (29)... of plants and animals living among the trees. Forests that like cooler climates (30)... largely in the northern hemisphere, far north of the equator. Forest floors are shady places and it can be hard (31)... plants to grow.

29.
A) *variety* B) *vary* C) *various*
D) *variable*

30.
A) *were found* B) *find* C) *are found*
D) *found*

31.

A) *of* B) *from* C) *for* D) *by*

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) *somebody woke him up*

B) *he suffered from insomnia*

C) *he wanted to get some fresh air*

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

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) *Mars has two moons*

B) *Mars is larger than Earth*

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

D) *Martian soil is rocky*

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

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

36. Mars has been nicknamed as ...

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