

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: **1000037**

Toshkent – 2014

**MATEMATIKA (INFORMATIKA BILAN)**

1. Teng yonli uchburchakning uchidagi tashqi burchagi  $120^\circ$  ga teng bo'lsa, asosidagi burchak sinusini toping.  
A)  $\frac{1}{2}$  B)  $\frac{\sqrt{2}}{2}$  C)  $\frac{\sqrt{3}}{2}$  D) 1
2.  $\sin x = \cos 2x$  tenglamani yeching.  
A)  $\frac{\pi}{6} + \frac{2\pi k}{3}, k \in Z$   
B)  $\frac{2\pi}{3} + \frac{\pi k}{3}, k \in Z$   
C)  $\frac{\pi}{3} + \frac{2\pi k}{3}, k \in Z$   
D)  $\frac{\pi}{6} + \frac{\pi k}{3}, k \in Z$
3. To'g'ri to'rtburchakning bo'yi kvadratning tomonidan 8 m uzun, eni esa shu kvadrat tomonidan 4 m qisqa. Kvadrat tomonini  $x$  bilan belgilab, to'g'ri to'rtburchak perimetri va yuzi uchun ifoda tuzing.  
A)  $P = 4(x + 2); S = (x + 8)(x - 4)$   
B)  $P = 4x + 8; S = 4(x + 8)$   
C)  $P = 4x + 4; S = x^2 + 4x - 18$   
D)  $P = 4x + 2; S = (x + 8)(x - 4)$
4. To'rtburchakli muntazam prizmagaga ichki chizilgan silindr yon sirtining prizma yon sirtiga nisbatini toping.  
A)  $\frac{\pi}{2}$  B) 4 C)  $\frac{\pi}{4}$  D) 2
5.  $ABC$  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) 3 B) 4 C) 2 D) 5
6.  $7 \cdot 5^2$  va  $3^2 \cdot 5 \cdot 7$  sonlari uchun EKUK ni toping.  
A) 3150 B) 1500 C) 315 D) 1575
7.  $4x - 5\sqrt{x-1} - 3 = 0$  tenglama ildizlarining ko'paytmasini toping.  
A)  $2\frac{16}{17}$  B) 4 C)  $\frac{17}{8}$  D)  $3\frac{1}{4}$
8.  $f(x) = \cos 2x + e^x, f'(x) = ?$   
A)  $-\sin x + e^x$  B)  $-2\sin 2x + e^x$   
C)  $-\sin 2x + e^x$  D)  $\sin 2x + e^x$
9. 3; 5; 9; 17; 33; 65; ... ketma-ketlikning dastlabki  $n$  ta hadining yig'indisini toping.  
A)  $2^n + n - 2$  B)  $(2 + 2^{n-1}) \cdot n$   
C)  $2^{n+1} + n - 2$  D)  $2n$
10.  $\sqrt{4\sqrt{2} + 2\sqrt{6}}$  ifodani soddalashtiring.  
A)  $\sqrt{18}$   
B)  $\sqrt[4]{18} + \sqrt[4]{2}$   
C)  $\sqrt{18} + \sqrt{2}$   
D)  $\sqrt[4]{18} - \sqrt[4]{2}$
11.  $y = \arcsin \frac{x-3}{2} - \lg(4-x)$  funksiyaning aniqlanish sohasini toping.  
A) [1; 5] B) [1; 4] C) (1; 4) D) [1; 4]
12. Aylanaga tashqi chizilgan muntazam oltiburchakning tomoni  $2\sqrt{3}$  sm bo'lsa, shu aylanaga ichki chizilgan kvadratning yuzini ( $\text{sm}^2$ ) hisoblang.  
A) 18 B) 12 C) 20 D) 16
13. Ikkita doira radiuslari 1:2 nisbatda. Katta doira aylanasining uzunligi  $8\pi$ . Kichik doira yuzini toping.  
A)  $2\pi$  B)  $\pi$  C)  $4\pi$  D)  $8\pi$
14. Uchburchakli piramidaning asosi tomonlari 4; 4 va 2 ga teng bo'lgan uchburchakdan iborat. Piramidaning barcha yon yoqlari asos tekisligi bilan  $60^\circ$  li burchak tashki etadi. Piramidaning hajmini toping.  
A)  $2\sqrt{3}$  B) 6 C)  $\sqrt{3}$  D) 3
15. Uchta butun son tashkil etgan arifmetik progressiyada birinchi hadi 1 ga teng. Agar ikkinchi hadga 3 qo'shilsa, uchinchi kvadratga ko'tarilsa, geometrik progressiya hosil bo'ladi. Uchinchi sonni toping.  
A) 8 B) 7 C) 6 D) 9
16.  $\frac{712^2 - 289}{695}$  ni hisoblang.  
A) 725 B) 695 C) 765 D) 729
17. Agar  $a^3 + a - 2 = 0$  bo'lsa,  $\frac{a^4 + a^3 + a^2 + 9}{a^5 + a^2 + a + 6}$  ifodaning qiymatini toping.  
A)  $\frac{4}{3}$  B)  $\frac{12}{11}$  C) 1 D) -2

18. Xo'jayin bir kishini bir yilga yollab, unga 12 so'm pul va bir chakmon bermoqchi bo'libdi, lekin ishchi 7 oy ishlagandan keyin xo'jayin unga 5 so'm pul va bir chakmon beribdi. Chakmon necha so'm bo'lgan.  
A) 4,8 B) 5,2 C) 5,5 D) 5
19.  $y = x^2 - 4x - 1$  funksiyaga ( $x \leq 2$ ) teskari funksiyani ko'rsating.  
A)  $y = 5 - \sqrt{2-x}$  B)  $y = 2 - \sqrt{x-5}$   
C)  $y = 2 - \sqrt{x+5}$  D)  $y = 2 + \sqrt{x+5}$
20. Radiuslari 2 va 3 ga teng bo'lgan aylanalarda 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)  $6\pi$  B)  $9\pi$  C)  $4\pi$  D)  $12\pi$
21.  $f(x) = 8x^3 - 6x^2 + 7$  funksiyaning  $M(1; 0)$  nuqtadan o'tuvchi boshlang'ich funksiyasini toping.  
A)  $2x^4 - 2x^3 + 7x - 7$  B)  $4x^4 - 2x^3 + 7x - 9$   
C)  $4x^4 - 2x^3 + 7x - 6$  D)  $4x^4 - 2x^3 + 7x - 7$
22.  $ABC$  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) 5 B) 6 C) 4 D) 4,75
23. 
$$\begin{cases} \frac{x+3}{3-x} < 2, \\ x^3 < 16x, \\ 4 \geq x^2 \end{cases}$$
 tengsizliklar sistemasini yeching.  
A) (3; 5) B) [2; 3] C) (4; 6] D) (0; 1)
24.  $x^2 + \frac{16}{x^2} + (x - \frac{4}{x}) - 28 = 0$  tenglamaning ildizlari yig'indisini toping.  
A) 0 B) -1 C) 4 D) 1
25. 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)  $63^\circ$  B)  $117^\circ$  C)  $113^\circ$  D)  $120^\circ$
26.  $\sqrt{x^2 + 2x + 1} - |x - 4| = 2$  tenglamaning [1; 3] kesmadagi ildizini toping.  
A) 2,5 B) 2,(3) C) bu oraliqda yechimi yo'q D) 1,5
27.  $2^{x^2-16} \leq 1$  tengsizlikni yeching.  
A) [0; 4) B) (-2; 2) C) (0; 2) D) [-4; 4]
28.  $x, y, z$  - butun sonlar bo'lib, 
$$\begin{cases} \frac{xy}{y-x} = -\frac{15}{2} \\ \frac{yz}{z-y} = \frac{21}{4} \\ \frac{xz}{z-x} = \frac{35}{2} \end{cases}$$
 bo'lsa,  $x + y - z = ?$   
A) 15 B) 4 C) 1 D) 9
29.  $ax = by = cz = 6$  va  $x + y + z = 36$  ekani ma'lum bo'lsa,  $\frac{1}{a} + \frac{1}{b} + \frac{1}{c}$  ni toping.  
A) 5 B) 6 C) 9 D) 12
30.  $f(x+5) = x \cdot f(x) + 4$  bo'lsa,  $f(10)$  ni toping.  
A) 23 B) 25 C) 24 D) 30
31. Dastur asosida boshqariladigan birinchi hisoblash mashinasini kim va qachon ixtiro qilgan?  
A) 1930 yil, V.Bush B) 1941 yil, K.Suze  
C) 1944 yil, G.Eyken D) 1907 yil, Li de Fores
32. Sakkizlik sanoq sistemasidan ikkilik sanoq sistemasiga o'tkazishni bajaring:  $567_8 \rightarrow x_2$   
A) 10110101<sub>2</sub> B) 101110111<sub>2</sub> C) 1111101<sub>2</sub>  
D) 11101110<sub>2</sub>
33. Faylning xususiy nomi nechta belgidan iborat bo'lishi mumkin?  
A) 1 tadan 8 tagacha  
B) 1 tadan 64 tagacha  
C) operatsion sistema va dasturga bog'liq  
D) 1 tadan 255 tagacha
34. Ma'lumotlar ombori undagi axborot shakliga ko'ra qanday turlarga ajratiladi?  
A) hujjatli va faktografik  
B) relyatsion va to'rli C) matnli va grafik  
D) raqamli va analog
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

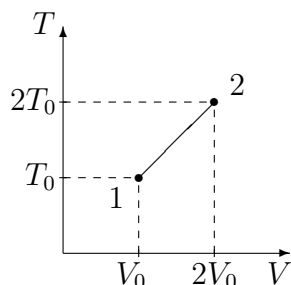
36. Paskal dasturi lavhasidagi write protsedurasi necha marta bajariladi?  
for i:=1 to 3 do for j:=0 to 3 do write (i+j);  
A) 1 marta B) 3 marta C) 12 marta  
D) 9 marta

### FIZIKA

- Induktivligi 0,4 H bo'lgan o'tkazgichning induktiv qarshiligi ( $\Omega$ ) tok chastotasi 50 Hz bo'lganda qanday?  
A) 113 B) 20 C) 126 D) 200
- Massasi 10 kg va uzunligi 40 sm bo'lgan tayoqning uchlariga massalari 40 va 10 kg bo'lgan yuklar osilgan. Tayoq muvozanatda turishi uchun uning birinchi uchidan qanday masofada (sm) tayanch qo'yish lozim?  
A) 9 B) 11 C) 10 D) 12
- Harorati  $-73^{\circ}\text{C}$  bo'lgan gaz molekulalari ilgari harakat kinetik energiyasini 3 marta ortirish uchun gazni qanday haroratgacha ( $^{\circ}\text{C}$ ) qizdirish kerak?  
A) 219 B) 327 C) 200 D) 600
- Radiusi 5 sm bo'lgan aylana shaklidagi yassi g'altak 40 ta o'ramga ega. G'altak orqali o'tayotgan tok kuchi 60 mA ga teng bo'lsa, g'altakning magnit momenti necha  $\text{A} \cdot \text{sm}^2$  ga teng bo'ladi?  
A) 240 B) 125,6 C) 188,4 D) 120
- Shishadan fokus masofasi 20 sm bo'lgan qavariq linza tayyorlandi. Linzaning egrilik radiuslari teng. Shishaning nur sindirish ko'rsatkichi 1,5 ga teng bo'lsa egrilik radiusini (sm) toping.  
A) 22 B) 24 C) 25 D) 20
- $27^{\circ}\text{C}$  temperaturada yopiq idishdagi gazning bosimi 150 kPa edi.  $-13^{\circ}\text{C}$  da bosim (kPa) qanday bo'ladi?  
A) 130 B) 72 C) 65 D) 100
- Yerdan Oygacha bo'lgan masofa 384 ming km bo'lsa, Oydan yorug'lik nuri qancha vaqtda (s) yetib keladi?  
A) 1,2 B) 1,3 C) 1,4 D) 1,5
- Jism  $h$  balandlikdan erkin tushmoqda. Balandlikning oxirgi  $3/4$  qismidagi o'rtacha tezligi, boshlang'ich  $1/4$  qismidagi o'rtacha tezligidan necha marta farq qiladi?  
A) 9 marta katta B) 8 marta katta  
C) 3 marta katta D) 6 marta kichik
- Temperatura ortishi bilan yarimo'tkazgichning qarshiligi ...  
A) o'zgarmaydi B) kamayadi  
C) avval ortadi, keyin kamayadi D) ortadi
- 4 g vodoroddagi modda miqdorini (mol) toping.  
A) 3 B) 4 C) 2 D) 1
- Yuqoriga tik yo'nalishda 40 m/s tezlik bilan otilgan jismning 4 s dan keyingi tezligini (m/s) toping.  
A) 0 B) 30 C) 20 D) 10
- Prujinali mayatnikning harakat tenglamasini belgilang.  
A)  $mx^2 = -kx$  B)  $mgh = -kx$   
C)  $\frac{mv^2}{2} = mgh$  D)  $m\frac{d^2x}{dt^2} = -kx$
- Elektr choynagi 220 V kuchlanishga ulangan holda 3,2 A tok iste'mol qilib 1 l suvni 12 minutda qaynatdi. Suvning boshlang'ich harorati  $20^{\circ}\text{C}$  bo'lsa, FIKni (%) toping.  
 $c_{suv} = 4200 \frac{\text{J}}{\text{kg} \cdot ^{\circ}\text{C}}$   
A) 98 B) 66 C) 71 D) 84
- O'q miltiqdan 1000 m/s tezlik bilan uchib chiqdi. Bunda tepki ta'sirida miltiq 2 m/s tezlik olsa, o'qning massasi miltiqning massasidan necha marta kichikligini aniqlang.  
A) 475 B) 450 C) 600 D) 500
- Massasi 50 kg bo'lgan bola Oy sirtida turibdi deylik. U Oyga qanday kuch (N) bilan tortiladi?  $g = 1,6 \text{ m/s}^2$   
A) 16 B) 80 C) 50 D) 500
- 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) 0,2 C) 0,01 D) 0,05
- Silindrik idishga bir xil massali suv ( $\rho_{suv} = 1 \cdot 10^3 \text{ kg/m}^3$ ) va simob ( $\rho_{sim} = 13,6 \cdot 10^3 \text{ kg/m}^3$ ) qo'yildi. Idishdagi suyuqliklar ustunining umumiy balandligi 143 sm. Idish tubiga bo'lgan bosim qancha (kPa)?  
A) 26 B) 15,4 C) 10 D) 14,6

18. O'zgarmas kuchlanish manbaiga ulangan  $2R$  qarshilikka qanday qarshilik ketma-ket ulansa, uning quvvati 2,25 marta kamayadi?  
A)  $2,25R$  B)  $2,5R$  C)  $0,5R$  D)  $2R$
19. Elektropoyezdning uchinchi vagoni oldida turgan kuzatuvchi harakat boshlagan vagonning 5 s davomida o'tganini, poyezdning oxiri o'tguncha esa 20 s vaqt o'tganini aniqlagan bo'lsa, poyezdning vagonlari soni nechta? (Poyezd harakati tekis tezlanuvchan.)  
A) 16 B) 18 C) 14 D) 15
20. Bir jinsli magnit maydon induksiyasi 2 marta ortsa, bu maydonga joylashgan o'tkazgichdagi tok kuchi qanday o'zgaradi?  
A) 2 marta kamayadi B) o'zgarmaydi  
C) 4 marta ortadi D) 2 marta ortadi
21. Agar qavariq linza yordamida buyumning haqiqiy, teskari kichiklashgan tasviri hosil qilinayotgan bo'lsa, buyum qayerda joylashgan?  
A) fokus masofa bilan ikkilangan fokus masofa orasida  
B) ikkilangan fokus masofadan uzoqda  
C) fokus nuqta va optik markaz orasida  
D) ikkilangan fokus masofada
22. Og'irligi 750 N bo'lgan odamni ko'tarib tura oladigan 50 sm qalinlikdagi yassi muzning yuzasi eng kamida qancha ( $m^2$ ) bo'lishi mumkin?  
A) 1 B) 1,75 C) 1,25 D) 1,53
23. Energiyasi  $6 \cdot 10^{-19}$  J ga teng bo'lgan fotonning impulsi ( $kg \cdot m/s$ ) qancha?  $c = 3 \cdot 10^8$  m/s  
A)  $2 \cdot 10^{-27}$  B)  $2 \cdot 10^{-28}$  C)  $0,2 \cdot 10^{-27}$   
D)  $0,2 \cdot 10^{-28}$
24. Agar zaryadlarning har birining miqdorini 3 barobar kamaytirib, oralaridagi masofani 3 marta oshirsak ularning bir-biriga ta'siri qanday o'zgaradi?  
A) 27 marta kamayadi B) 9 marta oshadi  
C) 81 marta kamayadi D) o'zgarmaydi
25. 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 harakatlenganda 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) 15; 5 C) 25; 5 D) 20; 10
26. Massasi 15 kg bo'lgan chanani bola  $45^\circ$  yo'nalishdagi kuch bilan tortib bormoqda. Qor bilan chana orasidagi ishqalanish koeffitsienti 0,02 ga teng bo'lsa, chana tekis harakat qilishi uchun bola qanday kuch (N) bilan tortish kerak?  
A) 4,2 B) 3 C) 2,1 D) 4,0
27. Ikki sharchaga bir xil  $2 \cdot 10^{-8}$  Kl zaryad berilgan zaryadlar vakuumda  $10^{-3}$  N kuch bilan ta'sirlashmoqda. Ular orasidagi masofani (sm) toping.  
A)  $\sqrt{6}$  B) 12 C) 6 D) 10
28. Qarshiliklari  $3 k\Omega$ ,  $12 k\Omega$  va  $4 k\Omega$  ga teng bo'lgan rezistorlar o'zaro parallel ulanib, so'ngra elektr tarmog'iga ulandi. Agar ikkinchi rezistordagi tok kuchi 4 mA ga teng bo'lgan bo'lsa, tarmoqdagi tok kuchini (mA) toping.  
A) 24 B) 36 C) 32 D) 12
29. Vakuumda elektr tokining qanday ta'sirlari namoyon bo'ladi?  
A) kimyoviy B) barcha ta'sirlari C) issiqlik  
D) magnit
30. Ma'lum tezlik bilan harakatlanadigan jismning kinetik energiyasi 50 MJ, impulsi  $10 kJ \cdot m/s$  bo'lsa, massasini (kg) toping.  
A) 1,5 B) 1 C) 2 D) 0,5

31. Rasmda bir atomli ideal gaz 1 holatdan ikkinchi holatga o'tish jarayonida temperaturasini hajmga bog'lanishini grafigi tasvirlangan. Bu jarayonda gazning ichki energiyasi 45 kJ ga ortgan bo'lsa, gaz jami qancha issiqliq (kJ) qabul qilgan?



- A) 75 B) 45 C) 0 D) 90
32. Kislorod atomining massasi uning yadrosi massasidan necha marta katta?  
A)  $\approx 1$  B)  $\approx 10^5$  C)  $\approx 1840$   
D)  $\approx 16 \cdot 1840$
33. Elektron geliy atomini ionlashi uchun kamida qanday tezlikka (m/s) ega bo'lishi kerak? Geliy atomining ionizatsiya energiyasi 24,5 eV. Elektron massasi  $9,1 \cdot 10^{-31}$  kg.  
A)  $3,6 \cdot 10^6$  B)  $2,0 \cdot 10^6$  C)  $29,4 \cdot 10^6$   
D)  $2,93 \cdot 10^6$
34. Sig'imi 20 l bo'lgan ballondagi 2 kg massali havoninng  $-13^\circ\text{C}$  haroratdagi bosimi (MPa) qancha? Havoning molyar massasi 29 g/mol.  
A) 7 B) 10 C) 74,5 D) 7,45
35. Qanday jarayonda gazga berilgan issiqlikning hammasi mexanik ishga aylanadi?  
A) izotermik B) izobarik C) adiabatik  
D) izoxorik
36. Tebranish konturi induktivligi  $2 \mu\text{Gn}$  bo'lgan g'altak va sig'imi 1800 pF bo'lgan kondensatordan iborat kontur qanday to'lqin uzunlikka (m) mo'ljallangan?  $c=3 \cdot 10^8$  m/s  
A) 130 B) 110 C) 100 D) 120

### INGLIZ TILI

1. Choose the answer which correctly completes the sentence.  
That theatre ... to close down soon.  
A) *is thought* B) *thinks* C) *is thinking*  
D) *thought*

2. Choose the answer which correctly completes the sentence.  
English weather, ... is always bad, is the subject of many conversations.  
A) *what* B) *which* C) *where* D) *when*
3. Choose the answer which correctly completes the sentence.  
Alf ... as a waiter for ten years, then he opened his own company.  
A) *has been working* B) *has worked*  
C) *worked* D) *works*
4. Choose the answer which correctly completes the sentence.  
Most of the forest ... cut down and the trees remaining are now under threat.  
A) *were* B) *has been* C) *have been*  
D) *had been*
5. 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) *can't* C) *don't have to*  
D) *mustn't*
6. Choose the answer which correctly completes the sentence.  
They closed down the factory because it ... money for years.  
A) *was losing* B) *had been losing* C) *lost*  
D) *has lost*
7. Choose the answer which correctly completes the sentence.  
Recently there has been an outbreak of the flu, and doctors don't know ...  
A) *that is the cause* B) *is what the cause*  
C) *the cause is what* D) *what the cause is*
8. Choose the answer which correctly completes the sentence.  
What were you writing when your computer ...?  
A) *was crashing* B) *crash* C) *crashed*  
D) *had crashed*
9. Choose the answer which correctly completes the sentence.  
I need proper shoes to go hiking in the mountains, ... the ground is rough and hard.  
A) *as* B) *although* C) *when* D) *despite*

10. Choose the answer which correctly completes the sentence.  
"She said she had met my friend two weeks before". "... she?"  
A) *Didn't* B) *Has* C) *Did* D) *Hadn't*
11. Choose the answer which correctly completes the sentence.  
His document needs ... from the school principal.  
A) *signed* B) *to sign* C) *signing*  
D) *to be signing*
12. 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 as much as*  
B) *three times more than*  
C) *three times more* D) *as three-times than*
13. Choose the answer which correctly completes the sentence.  
The red car isn't as expensive as the white one, but the black one is ... expensive of all.  
A) *most* B) *less* C) *the least* D) *more*
14. Choose the answer which correctly completes the sentence.  
I apologize for telling a lie, but I was trying to protect you ... the truth. Sometimes the truth hurts.  
A) *from* B) *to* C) *on* D) *for*
15. Choose the answer which correctly completes the sentence.  
The faster you drive, ... dangerous it is.  
A) *more* B) *the most* C) *most*  
D) *the more*
16. Choose the answer which correctly completes the sentence.  
Because nobody admitted breaking the window the ... class was kept in after school.  
A) *all* B) *every* C) *each* D) *whole*
17. Choose the answer which correctly completes the sentence.  
Had she found the right buyer, she ... the house.  
A) *would have sold* B) *would sell*  
C) *will sell* D) *sold*
18. Choose the answer which correctly completes the sentence.  
My parents want me ... a musician.  
A) *to become* B) *that I became*  
C) *to have become* D) *become*
19. Choose the answer which correctly completes the sentence.  
Bob had asked me to keep the news a secret, I ... anybody.  
A) *wouldn't have told* B) *would tell*  
C) *wouldn't tell* D) *hadn't told*
20. Choose the answer which correctly complete the sentence.  
The secretary said that she ... a reservation for me at the hotel.  
A) *will make* B) *had made* C) *has made*  
D) *made*
21. Choose the answer which correctly complete the sentence.  
Most students in Britain ... pay at least part of their university fees.  
A) *have to* B) *can* C) *may* D) *ought*
22. Choose the answer which correctly complete the sentence.  
It looks like rain. Have ... look at the sky.  
A) *a* B) *-* C) *the* D) *an*
23. Choose the answer which correctly completes the sentence.  
It was a chance in ... million that my cousin and I should run into each other in London.  
A) *-* B) *an* C) *the* D) *a*
- Read the text. Then choose the correct answer to question 24-26.
- In the past, before technology was used to monitor the weather accurately, people looked at the skies, watched how animals and plants behaved, and relied on signs and superstitions to forecast the weather. Indeed, some people still believe that, when cows lie down or a cat sneezes, it is going to rain. Nowadays, scientists who study the weather, called meteorologists, use many different methods to make their forecasts. Satellites monitor our weather and send information to computers at special processing stations. On the ground, weather stations all over the world record wind speeds and directions, temperature, clouds and air pressure.

24. It is clear from the passage that reasonably accurate weather forecasting ...
- A) *is now available worldwide.*
  - B) *is just one stage in an effort to control the climate.*
  - C) *is of little importance to most people in the world.*
  - D) *does not require much technological assistance.*

25. As is pointed out in the passage, before the coming of technology, ...
- A) *several methods were used in an effort to forecast the weather.*
  - B) *the only way to learn about the weather was through the behaviour of plants and animals.*
  - C) *the methods used to forecast the weather are all now regarded as completely useless.*
  - D) *people weren't really interested in weather conditions.*

26. According to the passage, it is now possible, with the aid of technology, to forecast the weather, but ...
- A) *long-term forecasts are still far from accurate.*
  - B) *changing wind speeds can affect predictions.*
  - C) *much relevant material is never processed.*
  - D) *it is still a very complex process.*

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) *imitate*    B) *immediacy*    C) *immediately*
  - D) *immediate*

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

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) *challenge*    B) *protection*    C) *comfort*
  - D) *benefit*

- 31.
- A) *at*    B) *for*    C) *after*    D) *on*

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) *Hydro-electric dam projects on the Yangtze river.*
  - B) *The breeding of small river dolphins.*
  - C) *The danger of two breeds of dolphins disappearing.*
  - D) *The danger of hunting for the Brazilian population.*



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

- A) *The percentage of Amazonian dolphins which die out every year.*
- B) *Groups of biologist who are trying to repopulate dolphins.*
- C) *The percentage of living Yangtze river dolphins.*
- D) *Governmental organizations which fight the pollution of rivers.*

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) *Martian soil is rocky*
- C) *Mars is larger than Earth*
- D) *It takes longer for Mars to circle the Sun than it takes Earth*

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

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

36. Mars has been nicknamed as ...

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