OLIY TA'LIM MUASSASALARIGA

KIRUVCHILAR UCHUN

"XORAZM ILM ZIYO" NTM

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Izoh:
1) Agar sizni ism familiyagizda yoki viloyatingiz nomida **O',G'** harflari qatnashsa ularni o'rniga **U** va **G** harflarini ishlating.
2) Harflarni faqat lotin alifbosida yozing.
3) Repetitsion testlar faqat ko'rsatilgan sanalar uchun yaroqli. **2.07.2019-3.07.2019**
4) Repetitsion testning sms javoblari soat **21:00** gacha qabul qilinadi.

Natijalar: Har kuni @repetitsiontestuz kanalida soat **22:00** e'lon qilinadi

SAVOLLAR KITOBI

999998

Matematika (3.1)
Fizika (2.1)
Ingliz tili (1.1)

BLOKLAR:

Test topshiruvchi:

_____ _____
F.I.O.   IMZO

DIQQAT !

Test topshiriqlarini yechishdan avval savollar kitobini varaqlab, unda har bir fan bo'yicha savollar soni to'liqligini tekshiring. Agar savollar soni kamligi aniqlansa yoki savollar kitobi raqami bilan javoblar varag'idagi "savollar kitobi raqami" bir xil bo'lmasa, darhol auditoriya rahbariga ma'lum qiling.

Savollar kitobida va javoblar varag'ida test topshiruvchining familiyasi, ismi, otasining ismi to'ldirilganligiga va imzosi qo'yilganligiga e'tibor qarating!

MATEMATIKA

1. Besh xonali $\overline{x249y}$ sonini 55 ga bo'lganda natural son hosil bo'ladi. x ning barcha qiymatlari yig'indisini toping.
A) 9   B) 3   C) 11   D) 6

2. Ifodani qiymatini toping:
$$\frac{\left(\sqrt{5}-\sqrt{11}\right)\left(\sqrt{33}+\sqrt{15}-\sqrt{22}-\sqrt{10}\right)}{\sqrt{75}-\sqrt{50}}$$
A) -1,2   B) -2,4   C) 2,4   D) 1,2

3. Ifodani qiymatini $a = 18\sqrt{2}$ bo'lganda hisoblang:
$$\left(\left(\sqrt{a^3 3^{-3}}-\sqrt{27a^{-3}}\right):\left(\frac{a^2+9}{3a}+1\right)\right)\cdot\frac{(a-3)^{-1}}{\left(6a^3\right)^{-\frac{1}{2}}}-6$$
A) -42   B) 42   C) 30   D) 36

4. Agar $\sqrt{6x+y-25}+\sqrt{7x-y-27}=0$ bo'lsa, x va y sonlarning ko'paytmasini toping.
A) -4   B) 8   C) 4   D) -2

5. Turistik firma uch kunlik avtobusda sayohat tashkil qildi. Bir kishi uchun ekskursiya narxi 3500 so'm. guruhlarga chegirmalar joriy etildi, ya'ni 3 dan 10 kishigacha − 5%, 10 kishidan ortiq bo'lsa − 10%. 6 kishidan iborat guruhga jami necha so'm chegirma qilingan?
A) 1550   B) 1050   C) 1505   D) 1055

6. $\dfrac{3x+2}{x^2-x-12}=\dfrac{a}{x-4}+\dfrac{b}{x+3}$ tenglik ayniyat bo'lsa, $a\cdot b$ ning qiymatini toping.
A) 3   B) 2   C) 4   D) 5

7. Nechta butun son $(x^2+6x)^2 \le 49$ tengsizlikning yechimi bo'la oladi?
A) 6 ta   B) 8 ta   C) 9 ta   D) 7 ta

8. Hisoblang: $1\cdot 4+2\cdot 7+3\cdot 10+...+10\cdot 31$
A) 1440   B) 900   C) 1200   D) 1210

9. Ifodani soddalashtiring:
$$\left(\left(\cos\alpha-\cos\beta\right)^2+\left(\sin\alpha-\sin\beta\right)^2\right):\left(4\sin^2\frac{\alpha-\beta}{2}\right)-3$$
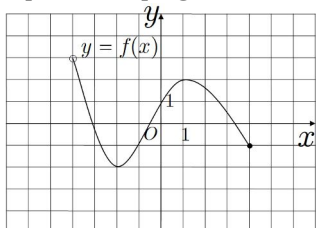A) $\sin^2\dfrac{\alpha-\beta}{2}-3$ B) -2

C) $\sin^2\dfrac{\alpha-\beta}{2}$ D) 2

10. $2\sin x+1=0$ tenglamaning eng katta manfiy yechimini toping.
A) $-\dfrac{\pi}{4}$ B) $-\dfrac{\pi}{12}$ C) $-\dfrac{\pi}{3}$ D) $-\dfrac{\pi}{6}$

11. Grafik ko'rinishda berilgan funksiyaning qiymatlar to'plamini toping.

A) $[-2; 3)$ B) $(-4; 4]$

C) $[-2; 2]$ D) $(-2; 2)$

12. $y=\dfrac{3x^2}{\left(1+x^2\right)\cdot\left(4x^2+1\right)}$ funksiyaning eng katta qiymatini toping.
A) 0,(3)   B) 1   C) 0,3   D) 0,5

13. Agar $5^a=64$, $4^b=125$ bo'lsa $a\cdot b$ ning qiymatini toping.
A) 13   B) 9   C) 10   D) 11

14. Hisoblang: $(\log_5 4+\log_4 5+2)\cdot(\log_5 4-\log_{20} 4)$ $\cdot\log_4 5-\log_5 4$.
A) 3   B) 2   C) 4   D) 1

15. Tenglamaning ildizlari yig'indisini toping. $\sqrt{2\log_8(-x)}-\log_8\sqrt{x^2}=0$
A) -65   B) -69   C) -7   D) -3

16. Funksiyaning maksimumini toping:
$$y=\frac{2x^3}{3}-\frac{3x^2}{2}-2x+1\frac{11}{24}.$$
A) 4   B) 1   C) 3   D) 2

17. $\int x\cdot f^{-1}(x+2)\,dx=2x^2-3x+C,\, C\in R$ tenglikni qanoatlantiruvchi $f(x)$ funksiya quyidagilardan qaysi biri bo'la oladi? Bu yerda $f^{-1}(x)$ funksiya $f(x)$ ga teskari funksiya.
A) $\dfrac{2x-11}{x-4}$ B) $\dfrac{2x+1}{x-4}$
C) $\dfrac{x+4}{2x-11}$ D) $\dfrac{4x-11}{x-2}$

18. To'g'ri burchakli uchburchakning o'tkir burchagi bissektrisasi qarshisidagi katetni 2 va 3 ga teng kesmalarga ajratadi. Uchburchakning yuzini toping.
A) $6\sqrt{5}$ B) 6   C) $4\sqrt{5}$ D) $5\sqrt{5}$

19. Tomoni 18 ga teng bo'lgan $ABCD$ kvadrat berilgan. M nuqta BC tomonni teng ikkiga, N nuqta DC tomonni $2:1$ nisbatda bo'ladi. $ABMN$ to'rtburchakning yuzini toping.
A) 169   B) 196   C) 144   D) 189

20. Ikkita bir xil r radiusli aylanalar tashqi ravishda urinadi. Radiusi 8 ga teng bo'lgan uchinchi aylana bu aylanalarga tashqi ravishda A va B nuqtalarda urinadi. Agar $AB=9$ bo'lsa, r ni toping.
A) $\dfrac{72}{7}$ B) $\dfrac{36}{5}$ C) $\dfrac{48}{7}$ D) $\dfrac{72}{25}$

21. $x=-3$ to'g'ri chiziqqa nisbatan $A(2;3)$ nuqtaga simmetrik bo'lgan nuqtaning koordinatalarini toping.
A) $(-4;3)$ B) $(-8;3)$
C) $(-6;3)$ D) $(-10;3)$

22. $ABCD$ parallelogrammning diagonallari O nuqtada kesishadi, $\overrightarrow{BO}=k\cdot\overrightarrow{BD}$ tenglik bajariladigan k sonining qiymatini toping.
A) 0,75   B) 0,5   C) 0,2   D) 1

23. Agar $\vec{a}\cdot\vec{b}=28$ bo'lsa, $\vec{b}(2;3;-1)$ vektorga kolleniar $\vec{a}(x;y;z)$ vektorning koordinatalari yig'indisini toping.
A) 9   B) 7   C) 10   D) 8

24. 1, 2, 3, 4, 5, 6 raqamlardan foydalangan holda, har xil raqamli nechta turli uch xonali sonlar hosil qilish mumkin?
A) 60   B) 144   C) 120   D) 24

25. To'g'ri berilgan integrallash formulalarini tanlang:

1) $\int \sin(kx+b)dx = -\frac{1}{k}\cdot \cos(kx+b)+C$

2) $\int \cos(kx+b)dx = \frac{1}{k}\cdot \sin(kx+b)+C$

3) $\int tg(b-kx)dx = -\frac{1}{k}\cdot \ln\left|\cos\left(b-kx\right)\right|+C$

A) 1; 2   B) 1; 2; 3   C) 1; 3   D) 2; 3

26. Axborot o'lchov birliklari o'sish tartibida to'g'ri berilgan javobni aniqlang?
A) bit,Mbayt,Kbayt   B) bayt,bit,Kbayt
C) Kbayt,Mbayt,Tbayt   D) bit,Gbayt,Kbayt

27. *MS Excel.*

$=\text{ОСТАТ}(14;6)-\text{ЗНАЧЕН}\big(\text{ЗАМЕНИТЬ}\big(\text{СЦЕПИТЬ}(2;4);2;3;1\big)\big)$

buyrug'i berilganda qanday natija hosil bo'ladi.
A) -29   B) -23   C) -19   D) -21

28. Olimpiyadada 100 kishi qatnashdi.Ulardan 54 tasi o'g'il bola va 13 tasi qiz bola.
Hisoblash bajarilgan sanoq sistemasida 444+333 amali natijasini aniqlang.

A) 1221   B) 1110   C) 1332   D) 777

29. <TH> yoki <TD> teglarda jadval satrlarini birlashtirish uchun HTML hujjatlarida qanday parametr ishlatiladi?
A) CELLPADDING   B) COLSPAN
C) CELLSPACING   D) ROWSPAN

30. Paskal tilining quyidagi takrorlash operatoridagi takrorlanishlar sonini aniqlang
for i:=2016 downto 2000 do

write('talaba');

A) 0   B) 18   C) 16   D) 17

FIZIKA

31. Qandaydir tezlikda o'z inersiyasi bilan harakatlanayotgan jism qarshilik kuchiga uchradi. Qarshilik kuchi tezlikka proporsional deb qarab, jismning to'xtash vaqtini toping.
A) *4.*   B) *5.*   C) *4.*   D) ∞.

32. Ikkita bir xil qayiq suvda ϑ va 2ϑ tezliklar bilan tekis harakatlanmoqda. Ularga ta'sir qiluvchi qarshilik kuchlari tezlik kvadratiga proporsionaldir. Qarshilik kuchlari nisbati F_1/F_2 ni toping.
A) *2.*   B) *1/4.*   C) *1/2.*   D) *3.*

33. Yer sirtidan 20 km/s tezlik bilan uchirilgan kosmik kemaning trayektoriya shakli qanday?
A) *giperbola.*   B) *aylana.*
C) *ellips.*   D) *parabola.*

34. Bir xil materialdan bo'lgan ikki o'tkazgich kuchlanish tarmog'iga ketma-ket ulangan. Ikkinchi o'tkazgichning barcha chiziqli o'lchamlari birinchisinikidan 1,1 marta katta. Birinchi o'tkazgichda elektr maydon kuchlanganligi ikkinchisinikidan necha marta katta?
A) *1,65.*   B) *1,21.*   C) *1,1.*   D) *2,2.*

35. Proton $\vartheta(\vartheta << c)$ tezlik bilan uzoqdan dastlab tinch turgan pozitron tomon harakatlanmoqda. Pozitron bilan ta'sirlashuvidan so'ng protonning natijaviy tezligi qanday bo'lishini baholang? Protonning massasi pozitronnikidan

1840 marta ortiq.
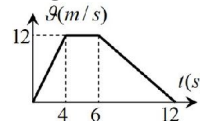A) $-\vartheta$.   B) $\vartheta/4$.   C) $\vartheta/2$.   D) ϑ.

36. Ikkita jism harakat tenglamasi mos ravishda x=10-15t (m) va y=30+20t (m). Bu jismlarning nisbiy tezligini toping (m/s).
A) *25.*   B) *35.*   C) *30.*   D) *20.*

37. Zarraning harakati jadval ko'rinishida berilgan. Tezlik va tezlanish ta'rifi ko'ra zarraning o'rtacha tezlanishini toping (m/s^2).

t (s)	0,3	0,4	0,5
x (m)	0	-1	1

A) *-140.*   B) *280.*   C) *300.*   D) *140.*

38. Rasmda moddiy nuqta tezligining vaqtga bog'liqlik grafigi tasvirlangan. Vaqt t=1 s bo'lganda tezlik (m/s) qancha bo'lgan?

A) *3.*   B) *10,1.*   C) *9,4.*   D) *9,1.*

39. Qattiq jismlar har qanday haroratda elektromagnit nurlanish chiqaradilar. Agar absolut qora jism temperaturasini 2 marta kamaytirsak, nurlanish intensivligi necha marta kamayadi?
A) *16.*   B) *8.*   C) *32.*   D) *4.*

40. Ferromagnetiklarga xos javobni tanlang.

1) Ferromagnetik asta-sekin kuchayuvchi magnit maydonga joylashtirilsa, μ dastlab tez ortadi, μ_{max} maksimumga erishadi va so'ngra $\mu = 1$ qiymatga yaqinlashib kamayadi;
2) ferromagnetiklar uchun $\mu >> 1$;
3) ferromagnetiklar uchun $\mu > 1$;
4) ferromagnetiklar uchun $\mu < 1$.
A) *1, 4.*   B) *1, 2, 3, 4.*
C) *1, 2.*   D) *3, 4.*

41. Adiabatik jarayonda gazning ichki energiyasi 20 J ortdi. Gaz bajargan ish qancha?
A) *-14.*   B) *-20.*   C) *14.*   D) *20.*

42. Idishda 2 kg suv va 2 kg muz termodinamik muvozanatda turibdi. Aralashmaning issiqlik sig'imi (J/(kg·K)) nimaga teng?
A) *12650.*   B) *11200.*   C) ∞.   D) *12560.*

43. Osmiyning erish harorati 3033 $^\circ C$, kobaltniki esa 1495 $^\circ C$. Osmiy-kobalt qotishmasining erish harorati qaysi haroratlar ($^\circ C$) oralig'ida yotadi?
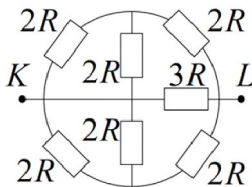A) *(3033;4528).*   B) *(0;1495).*
C) *(1495;2264).*   D) *(2264;3033).*

44. Normal sharoitda gaz molekulalarining ilgarilanma harakat erkinlik darajasi i_i ga va aylanma harakat erkinlik darajasi i_a ga ega bo'lishi mumkin. Birinchi gaz uchun $i_i - i_a = 0$. Huddi shunday miqdordagi ikkinchi gaz uchun $i_i + i_a = 6$ ga teng. Bir xil haroratda bu gazlarning ichki energiyalari nisbati U_1/U_2 nimaga teng?
A) *1,2.*   B) *1.*   C) *0.*   D) *2.*

45. Ikki mol neon inert gazi (M=20 g/mol) isitkichdan Q_1 issiqlik olib, izobarik kengaymoqda, so'ngra sovutkichga Q_2 issiqlik berib, izoxorik ravishda dastlabki temperaturagacha sovutilmoqda. Q_1/Q_2 nisbat topilsin.
A) *1.*   B) *1,67.*   C) *0,66.*   D) *1,33.*

46. Lazer nurlari vaqt va fazo bo'yicha …. hisoblanadi.

A) *kogerent.*   B) *qutblanmagan.*
C) *monoxromatik bo'lmagan.*   D) *kogerent bo'lmagan.*

47. 60 m uzoqlikdagi daraxt 1^0 burchak ostida ko'rinmoqda. Daraxtning balandligi (m) qanday? $\pi = 3; \sin\alpha \approx \alpha$.
A) *1,0.*   B) *2,3.*   C) *2,6.*   D) *2,4.*

48. O'tkazgichdagi tok zichligi j, elektr maydon kuchlanganligi E. Birlik hajmdan ajralib chiqayotgan Joul issiqligining quvvati ω nimaga teng?
A) *1/jE.*   B) *j/E.*   C) *E/j.*   D) *jE.*

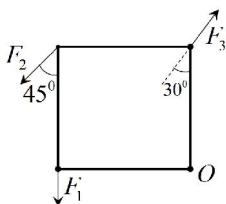49. Quyida keltirilgan sxemadan foydalanib K va L nuqtalar orasida umumiy qarshilikni aniqlang.

A) *R.*   B) *3R.*   C) *9R.*   D) *6R.*

50. Tinch turgan bomba portlab m va 2m massali ikki bo'lakka bo'lindi. Bomba bo'laklarining kinetik energiyalarini solishtiring.
A) $E_1 = E_2.$ B) $E_1 = E_2/3.$
C) $2\,E_1 = E_2.$ D) $E_1 = 2\,E_2.$

51. Qanday to'qnashuvda impuls uchun $p^2 = p_1^2 + p_2^2$ shart bajariladi?
A) *harakatdagi sharning huddi shunday tinch turgan shar bilan elastik to'qnashuvida.*
B) *harakatdagi sharning huddi shunday tinch turgan shar bilan markaziy to'qnashuvida.*
C) *sharlarning har qanday to'qnashuvida.*
D) *harakatdagi sharning huddi shunday tinch turgan shar bilan to'qnashuvida.*

52. Tomoni a=0,8 m bo'lgan deformatsiyalanmaydigan kvadrat plastinka O nuqtadan o'tuvchi o'q atrofida aylanishi mumkin. Plastinkaning turli nuqtalariga plastinka tekisligida yotuvchi kuchlar ta'sir etmoqda: $F_1 = 1\,N$, $F_2 = \sqrt{2}\,N$, $F_3 = 2N$. Aylanish o'qiga nisbatan umumiy kuch momentini (N·m) aniqlang.
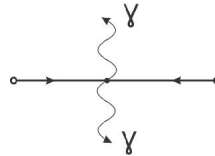

A) *0,5.*   B) *0,5.*   C) *1,4.*   D) *1,6.*

53. Suvga limmo-lim to'ldirilgan chelak vaznsiz ipga bog'langan holda, matematik mayatnik sifatida tebranmoqda. Uning ichiga 2 kg temir parchasi tashlansa, uning tebranish chastotasi qanday o'zgaradi?
A) *kamayadi.*   B) *avval ortadi, keyin kamayadi.*
C) *o'zgarmaydi.*   D) *ortadi.*

54. Moddiy nuqtaning tebranish amplitudasi A. Agar uning tezlanishini amplitudasi a bo'lsa, tezligining amplitudasini toping.
A) $\sqrt{a/A}$ B) $A \cdot \sqrt{A/a}$
C) $\sqrt{A/a}$ D) $\sqrt{A \cdot a}$

55. Tok zanjiriga ketma-ket rezistor (R=20 Ω), kondensator (C=13 mF) va induktiv g'altak (L=130 H) ulangan. Rezonans ro'y berganda o'zgaruvchan kuchlanishning amplituda qiymati 40 V deb hisoblab shu paytda aktiv qarshilikdagi tok kuchi amplitudasini (V) aniqlang.
A) *0.*   B) *1.*   C) *2.*   D) *13.*

56. Akkumulyator zaryad sig'imi nimada o'lchanadi?
A) *amper·C.*   B) *amper·volt.*
C) *kW·soat.*   D) *amper·soat.*

57. Protonning spini nimaga teng?
A) $h/2\pi$.   B) $h/4$.   C) $h/4\pi$.   D) h.

58. Quyidagi ikkita elementar zarralar annigilyatsiyasida ikkita γ-kvant hosil bo'ldi. Annigilyatsiyada ishtirok etayotgan zarralar juftini ko'rsating.

A) *neytron-pozitron.*   B) *elektron-pozitron.*
C) *elektron-neytron.*   D) *proton-neytron.*

59. Atomdagi elektron uchun magnit kvant sonning qiymatlari qanday bo'ladi?
A) *n=1, 2, 3, 4, 5. . . ..*
B) *m=0, ±1, ±2, ±3, ±4, . . . , ±l.*
C) *l=0, 1, 2, 3, 4, ... n-1.*
D) *n=±1, ±2, ±3, ±4, ±5. . . ..*

60. η-mezon elementar zarralarning qaysi sinfiga qarashli?
A) *mezonlar.*   B) *leptonlar.*
C) *fotonlar.*   D) *barionlar.*

INGLIZ TILI

61. Did he say whether … lend you the money or not?
A) he   B) he could   C) could he   D) can he

62. **Choose the answer which correctly completes the sentence.**
The sudden increase in the number of books in the library … directly related to the new director.
A) are   B) it is   C) is   D) were

63. **Choose the answer which correctly completes the sentence.**
I think we should go to India while we have the opportunity, …?
A) shouldn't we   B) don't we
C) haven't we   D) don't I

64. **Choose the answer which correctly completes the sentence.**
The weather conditions became so … that all mountain roads were closed.
A) dangerously   B) more dangerously
C) danger   D) dangerous

65. **Choose the answer which correctly completes the sentence.**
I found ... accent so funny that I had to stop ... from laughing out
aloud.
A) her/it   B) them/me
C) hers/him   D) their/myself

66. **Choose the answer which correctly completes the sentence.**
Avoid making comments on any subject ... you are thoroughly
informed about it.
A) so that   B) in case   C) unless   D) as if

67. **Choose the answer which correctly completes the sentence.**

John saw the bus hit the cyclist because he was out on the balcony at the time, ...
A) however, we did   B) and neither was I
C) but I didn't   D) and I didn't either

68. I'm going to get this qualification, ... long it takes.
A) while   B) no matter
C) nevertheless,   D) however

69. **Choose the answer which correctly completes the sentence.**
Seven year - old Samantha Green ... a local hero after rescuing an
eleven year - old boy from an icy death.
A) is considering   B) is considered
C) has considered   D) considered

70. **Choose the correct answer.**
Could you give me ... idea of when the building work will finish?
A) any   B) some   C) many   D) a few

71. **Choose the answer which correctly completes the sentence.**
Paul is so obsessed ... cars that he's named his daughter Porsche
after the German sports car.
A) to   B) from   C) with   D) by

72. **Choose the answer which correctly completes the sentence.**
You ... till the end of the meeting; you ... any time you want.
A) shouldn't stay/must have left
B) can't have stayed/may leave
C) mustn't stay/have left
D) don't have to stay/can leave

73. **Choose the answer which correctly completes the sentence.**
Because so many people are trying ... visas, the consulate puts as many difficulties as possible in the way.
A) to get   B) to getting
C) get   D) getting

74. **Choose the answer which correctly completes the sentence.**
After he comes out of hospital, he will need, complete rest for
... two months.
A) other   B) others
C) the others   D) another

75. **Choose the answer which correctly completes the sentence.**
I'm studying ... English literature.
A) a   B) the   C) –   D) an

76. **Choose the answer which correctly completes the sentence.**
Stewart likes football ... Joseph likes tennis.
A) whereas   B) where
C) nevertheless   D) yet

77. **Choose the answer which correctly completes the sentence.**
Kamola said: "I'll tell Ann I saw you".
Kamola said that ....
A) she would tell Ann that she had seen me
B) she would tell Ann that she had seen her
C) he would tell Ann that she had seen me
D) she would tell Ann that she had seen you

78. **Choose the answer which correctly completes the sentence.**
The most striking feature of the giraffe is its long neck, ... has

always been a source of curiosity.
A) which   B) whose   C) who   D) what

Read the text. Then choose the correct answer to questions 79-81.
Portuguese and Spanish navigator adventurers began the colonization that has characterized so much of world history. Beginning with the 15th century the colonial empires of Spain, Portugal, Great Britain and France grew steadily, reaching their apogee in the 19th century. In the 15th and 16th centuries Portuguese and Spanish sailors, in search of treasure, planted colonies in Florida, Mexico and over all of South America. These colonies were intended as sources of wealth for their leaders and for the mother countries. The export of Spanish or Portuguese customs and modes of life was secondary.
But the Roman Catholic Church accompanied the explorers and settlers, and over the years missionaries converted the Indian tribes of Central and South America on a large scale.

79. It is clear in the passage that the adventurers of Portugal and Spain ... .
A) were bitterly disappointed
B) contributed much to the world history from colonization point of view
C) were searching for remains of ancient civilizations
D) took the first step in 12th century

80. In the 15th and 16th centuries the colonies built in Mexico and in some parts of America ... .
A) have still had effect on our life style
B) were fruitless trials
C) firstly aimed to discover treasure
D) intended to help the poor living in these countries

81. It is obvious in the passage that missionaries of the Roman Catholic Church ... .
A) had a great influence on Indian tribes
B) were against the idea of explaining their own beliefs to others
C) were affected by Portuguese life style
D) didn't support the idea of searching for no places to live in

Read and then choose the correct answer to questions 82-84.
In the light of the present vast body of knowledge on the structure
and function of cells, it is remarkable to note that until 1665 the cell was unknown; and it was not until over a century later that the cell was first described as the basic structural unit of all
living matter . Because most cells are invisible to the unaided eye,
their discovery was not possible until the very important invention
of the compound microscope in 1590 by Jans and Zacharias Janssen.
The honor for the discovery of the cell belongs to the English scientist Robert Hooke.

82. It is clear in the passage that today, **we** ....
A) are aware of the existence of cells but we need to know more
    about it
B) know much about cells
C) feel the necessity of knowledge more than ever
D) realize that what we thought about cells was not satisfactory

83. **It wasn't until 1765s that** ... .
A) the cell was understood to be the basic unit of every living
    entity
B) scientists put some of their theories into practice
C) research on cells was stopped
D) the cell was discovered

84. We can understand from the passage that **the discovery of the**
         cell ....
    A) was made possible with the invention of compound microscope
    B) was a coincidence rather than a deliberate attempt
    C) was a few years before 1590
    D) shocked everyone working in the field

Read the text. Then choose the correct answer to questions 85-87.
In 1948 in an effort to stabilize the currency, the Chinese government announced the issue of a new form of currency, called the Gold Yuan Certificate. This measure was necessary because the people had lost all confidence in the old currency, called the Fa Bi. Inflation had escalated to the point where one US dollar was worth 11 million Fa Bi. Official announcements called for all Chinese to turn in their old banknotes, their gold and silver and their foreign currency. Gold Yuan Certificates would be given in exchange, supposedly backed by gold and each worth four to one American dollar. Immediately there was a gold rush, as most private depositors withdrew their precious metals and foreign currency from local banks, because no one with common sense believed that there was any gold to back those certificates.

85. The writer states that the Chinese government had to issue the Gold Yuan Certificates ... .
    A) because the people had lost faith in the old currency
    B) in response to people and banks hoarding foreign currency
    C) after the supply of the Fa Bi dropped to an all - time low
    D) owing to financial pressure from American bankers

86. We learn that the Gold Yuan Certificates ... .
    A) could be readily exchanged for American dollars at most banks
    B) were each worth approximately eleven million Chinese Yuan
    C) were the invention of the Chinese government's efforts to combat inflation
    D) represented gold actually held by the Chinese government

87. One may deduce that people rushed to take their valuables out of the bank ... .
    A) so that they could buy Gold Yuan Certificates
    B) in order to buy more gold in the gold rush
    C) because they believed the certificates were worthless
    D) because banks were going bankrupt

Read the text.
Then choose the correct answer to questions 88-90.
A movement called Jubilee 2000 is campaigning for Third World
debt cancellation as a fitting way to mark the millennium. Launched two years ago, the group is now working in 42 countries, and is now supported by a large number of celebrities. Leaders of the group are harsh critics of the big creditors' role in the developing world. In Tanzania, for example, one child in six dies before the age of five due to the lack of proper health care, but the government spends four times more on paying the interest on its debts than on primary health care. Money needed for health and education programs goes instead to rich international creditors, whose billions have often supported corrupt elites.

88. According to the passage, **the purpose of Jubilee 2000 is** ....
    A) to criticise big creditors in the developing world
    B) to have a big party on New Year's Eve at the millennium.
    C) to hold a charity concert involving a lot of celebrities
    D) to allow poor nations to escape paying back large loans

89. **The leaders of Jubilee 2000 argue that** ...
    A) creditors should lend poor nations more money for primary
    health care
    B) celebrities of the developing countries are not responsible

    enough
    C) paying interest on huge debts is one reason many children die in
    developing countries
    D) 42 countries need to have their debts cancelled

90. The passage implies that **ordinary people in the developing**
         world ....
    A) are often the ones who haven't received any education
    B) would benefit from large debts being cancelled
    C) should be helped by the big creditors in their countries
    D) cannot afford to celebrate the millennium