OLIY TA'LIM MUASSASALARIGA

KIRUVCHILAR UCHUN

SAVOLLAR KITOBI

SAVOLLAR KITOBI RAQAMI:

667

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

BLOKLAR:

667*[JAVOBLAR]

*Namuna: 667*ABCDBBDA....*

*+998974567172 raqamiga SMS yuboring
va natijangizni bilib oling!*

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!
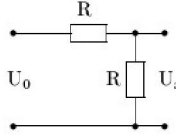
MATEMATIKA

1. $\cos\left(2\arccos\dfrac{4}{9}\right)$ ning qiymatini toping.

   A) $-\dfrac{49}{81}$ B) $\dfrac{8}{9}$ C) $-\dfrac{8}{9}$ D) $\dfrac{49}{81}$

2. Tomonlari 6; 7 va 11 ga teng uchburchakning eng kichik burchagini toping.

   A) $\arccos\dfrac{67}{54}$ B) $\arccos\dfrac{9}{11}$

   C) $\arccos\dfrac{67}{77}$ D) $\arccos\left(-\dfrac{3}{7}\right)$

3. $f(x)=\dfrac{1}{3}x^3-2x$ funksiya grafigiga urinma OX o'qining musbat yo'nalishi bilan $135°$ burchak tashkil qiladi. Urinish nuqtasi koordinatalarini toping.

   A) $\left(1;-1\dfrac{2}{3}\right)$ yoki $\left(-1;1\dfrac{2}{3}\right)$ B) $\left(1;-1\dfrac{2}{3}\right)$

   C) $\left(-1;1\dfrac{2}{3}\right)$ D) $\left(2;-1\dfrac{1}{3}\right)$

4. Diagonal orqali ikkita teng tomonli uchburchakka bo'linadigan rombga r radiusli aylana ichki chizilgan. Romb yuzini toping.

   A) $4r^2\sqrt{2}$ B) $2r^2\sqrt{3}$ C) $\dfrac{4r^2\sqrt{3}}{3}$ D) $\dfrac{8r^2}{\sqrt{3}}$

5. Tenglamani yeching $0{,}125\cdot4^{2x-3}=\left(\dfrac{\sqrt{2}}{8}\right)^{-x}$

   A) 2   B) 6   C) -2   D) 4

6. C(4; -12) nuqta – AB kesma o'rtasi. Agar A(8; 2) ekanligi ma'lum bo'lsa, B nuqtaning koordinatalari qanday?

   A) $(0;26)$ B) $(0;-24)$ C) $(0;-26)$ D) $(1;-13)$

7. Agar $256\le x\le y\le z\le t\le 625$ bo'lsa, $\dfrac{x}{y}+\dfrac{z}{t}$ ifodaning eng kichik qiymati qanday bo'ladi?

   A) 1,6   B) 0,2   C) 25/32   D) 1,28

8. Tengsizlikni yeching $\dfrac{\sqrt{6+x-x^2}}{2x+5}\ge\dfrac{\sqrt{6+x-x^2}}{x+4}$.

   A) $[1;3]$ B) $[-2;3]$

   C) $[-2;1]$ D) $[-2;-1]\cup\{3\}$

9. To'g'ri prizmaning asosi teng yonli uchburchak bo'lib, uning asosi uzunligi 6 ga va asosga yopishgan burchakning sinusi 0,6 ga teng. Prizma asoslari yuzlarining yig'indisi uning yon sirti yuziga teng. Prizmaning hajmini toping.

   A) 7,2   B) 5,75   C) 6,75   D) 7,5

10. $\begin{cases}-4y<12\\y+6<6\end{cases}$ tengsizliklar sistemasining barcha butun yechimlari ko'paytmasini toping.

    A) -6   B) 6   C) -2   D) 2

11. 1 Idish to'g'ri burchakli parallelepiped shaklida bo'lib, uning uzunligi 60 sm, eni 45 sm va balandligi 47 sm. Agar undagi suv sathi 40 sm balandlikda bo'lsa, idishda necha litr suv bor?

    A) 115   B) 135   C) 108   D) 106

12. a natural sonni b songa bo'lindi va bo'linmada c va qoldiqda d olindi. Agar bo'linuvchi va bo'luvchi 3 marta ko'paytirilsa, d qanday o'zgaradi?

    A) oldingidek qoladi   B) 2 taga ortadi
    C) 3 marta ortadi   D) 2 marta ortadi

13. $|x+4|+|x-3|+|x-2|=7$ tenglamaning ildizlari yig'indisini toping.

    A) -2 B) 2   C) ildizi yo'q   D) 0

14. $z^2-\dfrac{\sqrt{85}}{4}z+1\dfrac{5}{16}=0$ tenglamaning katta va kichik ildizlari kublarining ayirmasini toping.

    A) 1   B) 2   C) -1   D) -2

15. Asosi a ga teng, asosdagi burchagi esa α ga teng bo'lgan tengyonli uchburchak yon tomon atrofida aylanadi. Aylanish jismining hajmini aniqlang.

    A) $\dfrac{\pi a^3\cos\alpha}{6\sin^2\alpha}$ B) $\dfrac{\pi a^3\sin^2\alpha}{6\cos\alpha}$

    C) $\dfrac{\pi a^3\,tg\alpha}{2}$ D) $\dfrac{\pi a^3\sin\alpha}{3}$

16. Muntazam ko'pburchakning tomoni a, unga tashqi chizilgan aylananing radiusi R bo'lsa, unga ichki chizilgan aylananing radiusi qanday bo'ladi?

    A) $\dfrac{2aR}{\sqrt{4R^2-a^2}}$ B) $\sqrt{R^2+\dfrac{a^2}{4}}$

    C) $\dfrac{2aR}{\sqrt{4R^2+a^2}}$ D) $\sqrt{R^2-\dfrac{a^2}{4}}$

17. (99-1-30) Tengsizlikni yeching.
    $\left(\sqrt{6}\right)^x\le\dfrac{1}{36}$

    A) $(-\infty;6]$ B) [-4;4]   C) $(-\infty;-4]$ D) $[-4;\infty)$

18. ax^2+bx+c $(a>0)$ funksiya $x=1$ da 2 ga teng bo'lgan eng kichik qiymatni qabul qiladi. Agar $y(2)=4$ bo'lsa, $a,\ b\ va\ c$ ni toping.

    A) $a=6;\ b=-2;\ c=4$ B) $a=3;\ b=6;\ c=2$
    C) $a=4;\ b=2;\ c=6$ D) $a=2;\ b=-4;\ c=4$

19. Asosining tomonlari 4 va 8 sm, diagonali esa 12 sm bo'lgan muntazam kesik to'rtburchakli piramidaning balandligini toping.

A) $8\sqrt{2}$ B) 3   C) $6\sqrt{2}$ D) 4,5

20. Agar $\dfrac{\sin(\alpha-\beta)}{\cos\alpha\cdot\cos\beta}=\dfrac{2\sqrt{3}}{3}$ bo'lsa, $tg\alpha - tg\beta$ qanday bo'ladi?

A) $\sqrt{3}$ B) $\dfrac{4\sqrt{3}}{3}$ C) $\dfrac{\sqrt{3}}{3}$ D) $\dfrac{2\sqrt{3}}{3}$

21. Bankka 50000 so'm pul qo'yildi. Bir yildan so'ng jamg'arma $p\%$ ga ko'paydi. Jamg'armaning miqdori necha so'mga yetdi?

A) $5000(p+100)$ B) $50000p$

C) $500(p+100)$ D) $5000+100p$

22. $\begin{cases} x^2+y^2=10 \\ xy=3. \end{cases}$ $(x+y)^2 = ?$

A) 16   B) 7   C) 19   D) 13

23. $y=7\cos\sqrt{x}$ funksiyaning davrini toping.

A) 2π B) $4\pi^2$ C) davriy emas.   D) $2\pi^2$

24. O'q kesimining diagonali l ga teng bo'lgan silindrga shar ichki chizilgan. Shar sirtining yuzini toping.

A) πl^2 B) $\dfrac{\pi}{4}l^2$ C) $\dfrac{\pi}{3}l^2$ D) $\dfrac{\pi}{2}l^2$

25. Agar $\log_a 27 = b$ bo'lsa,

$\dfrac{1}{\log_3 \sqrt[6]{a}}$ ni b orqali ifodalang.

A) $2b$ B) $\dfrac{2}{b}$ C) $-\dfrac{b}{2}$ D) $\dfrac{1}{b}$

26. Paskal. Quyidagi dastur natijasini aniqlang.
var a,b,s: integer;

begin a:=-2; s:=0; for b:=-10 to 7 do

s:=s+a*b; writeln(s); end.

A) 60   B) 52   C) 68   D) 54

27. B0F5, 3A07 butun sonlari barchasini yozish mumkin bo'lgan eng kichik asosli sanoq sistemasida shu sonlar yig'indisini hisoblang va natijani o'nlik sanoq sistemasida tasvirlang.
A) 49737   B) 60156   C) 71939   D) 40598

28. Ali aytdi „ASCII kodlash usuli tekis kodlash usulidir", Vali aytdi „ASCII kodlash usuli notekis kodlash usulidir". Ularning fikrlari haqida nima deya olasiz?
A) Ikkalasi to'g'ri fikr aytgan
B) Faqat Vali to'g'ri fikr aytgan
C) Faqat Ali to'g'ri fikr aytgan
D) Ikkalasi noto'g'ri fikr aytgan

29. HTML tegida markerlangan ro'yhatlarni berish uchun qanday teglar ishlatiladi?
A) ...   B) ...
C) <tr>..</tr>   D) <tt>...</tt>

30. A1=-4, A2=0, B1=8, B2=3 bo'lsin. Natija 0 ga teng boladigan fo'rmulani aniqlang.
A) =ЦЕЛОЕ(A1+A2/B2-B1)
B) =ЗНАК(-A1+B2-A2+B1)
C) =ЕСЛИ(A1<=B1-3;A2*B1;A1+B2)
D) =СЧЕСТЛИ(A1:B2;">=1")

FIZIKA

31. Odamning normal ko'rish masofasi d. U yassi ko'zgudan qanday masofada bo'lganida o'zining tasvirini yaxshiroq ko'radi? d_0 – normal ko'zning eng yaxshi ko'rish masofasi.

A) $\dfrac{1}{2}(d_0+d)$ B) $\dfrac{1}{2}d_0$ C) $\dfrac{1}{2}d$ D) $\sqrt{dd_0}$

32. 1000 ta spirt tomchisining massasi 10 g ga teng. Tomizg'ich uchining diametrini baholang (mm). Spirtning sirt taranglik koeffitsiyenti 22 , $\dfrac{mN}{m}$ g=10 m/s^2.
A) 1   B) 0,5   C) 2   D) 1,5

33. Kirish kuchlanishi U_0=20 V bo`lsa, rasmdagi zanjirning chiqish kuchlanishi (V) nimaga teng?

A) 7,5   B) 20   C) 10   D) 5

34. To'lqin uzunligi λ = 0,45 μm bo'lgan monoxromatik yorug'lik, davri d = 10 μm bo'lgan difraksion panjaraga tik tushmoqda. Ekran bilan difraksion panjara oralig'i L = 50 sm bo'lsa, ekrandagi k = 4 tartibli bosh maksimum va markaziy maksimum orasidagi b masofa qanday (sm)?
A) 7   B) 8   C) 9   D) 10

35. 1.10 t massali jism 10 km balandlikka ko'tarildi. Bunda uning massasi qanday o'zgardi?
A) 11 μg ortdi   B) o`zgarmadi
C) 10^{-7} kg kamaydi   D) 11 mg ortdi

36. Arximed qonunining to'g'ri tarifini ko'rsating.
A) suyuqlikka botirilgan jismaga jism zichligini siqib chiqarilgan hajmi va erkin tushish tezlanishi ko'paytmasiga teng ko'taruvchi kuch tasir etadi.
B) suyuqlikka botirilgan jismga siqib chiqarilgan suyuqlik vazniga teng ko'taruvchi kuch tasir etadi
C) jism o'z hajmiga teng suyuqlikni siqib chiqaradi
D) suyuqlikka botirilgan jismga jism vazniga teng ko'taruvchi kuch tasir etadi

37. Kosmik kema v tezlik bilan harakatlanmoqda. Uning ketidan foton uchmoqda. Foton qanday tezlikda kemaga yetib oladi?
A) c-v   B) c+v   C) c   D) v

38. Massasi 1 t, zichligi 800 kg/m^3 bo'lgan sol suvda suzmoqda. Uning vaznini (N) aniqlang. g=10 m/s^2.

A) 0   B) 10^4 C) 2000   D) 8000

39. Ichi g'ovak shar 1/5 qismi botgan holda suvda suzmoqda. Sharning umumiy hajmi 1 dm^3 bo'lsa, shar ichidagi bo'shliqning hajmini (sm^3) toping. Shar materialining 2500 kg/m^3.
A) 150   B) 300   C) 920   D) 720

40. Bikrligi 30 kN/m bo'lgan prujina 30 sm ga cho'zilganida uning massasi necha milligrammga ortadi?
A) $1,5 \cdot 10^{-8}$ B) $1,5 \cdot 10^{-7}$
C) $1,5 \cdot 10^{-5}$ D) $1,5 \cdot 10^{-6}$

41. Atomning diametri o'zining yadrosi diametridan necha marta katta bo'lishini baholang.
A) 100   B) 1000   C) 10   D) 10000

42. Sovunli pardaga (n=1,33) tik ravishda to'lqin uzunligi 600 nm bo'lgan monoxromatik nurlar tushmoqda. Qaytgan nurlar eng yuqori intensivlikka ega bo'lsa, pardoning qalinligi qanday?
A) 300 nm   B) 0,113 mkm
C) 600 nm   D) 0,226 mkm

43. Sirtning yuzi 216 dm^2 bo'lgan kub shaklidagi jism suvga to'la botib turgan bo'lsa, u necha litr suvni siqib chiqargan? Suvning zichligi 1000kg/m^3.
A) 216   B) 21,6   C) 3,6   D) 36

44. Normal sharoitda 1 m^3 gazdagi molekulalar soni … bilan aniqlanadi.
A) Avogadro soni   B) loshmidt soni
C) molyar gaz doimiysi   D) bolsman doimiysi

45. Yuqoriga tikotilgan jism t_1=9 s dan keyin yerdan 495m balandlikka yetgan bo'lsa, u t_2=11 s dan keyin necha metr balandlikda bo'ladi? g=10 m/s^2.
A) 500   B) 495   C) 510   D) 520

46. Elektronmagnit to'lqin vakuumda 0_x o'qaysi bo'ylab tarqalmoqda. Biron paytda x=0 nuqtada magnit induksiya minimal qiymatga erishgan, elektr maydon kuchlanganligi esa qanday qiymatga erishgan?
A) $0,25E_{max}$ B) $0,75E_{max}$ C) E_{max} D) 0

47. Suyuqlikka to'liq botgan 20 N vaznli jismga 12 N itarib chiqaruvchi kuch ta'sir qilmoqda. Jism siqib chiqargan suyuqlikning vazni necha nyuton?
A) 20   B) 8   C) 32   D) 12

48. Ideal issiqlik masinasining FIK 80% va karno sikli jarayoni bo'yicha davom etmoqda. Issitkich harorati sovutkich haroratidan necha marta katta?
A) 5   B) 2   C) 4   D) 6

49. Massasi 4kg, tezligi 5 m/s ga teng bo'lgan sharcha tinch turgan xuddi shunday sharchaga absolyut noelastik to'qnashdi va ikkalasi bir xil tezlik bilan harakatini davom ettirdi. To'qnashganda qancha issiqlik (J) ajralgan?
A) 25   B) 30   C) 15   D) 20

50. Foton chiqishi bilan bog'liq bo'lgan kvant o'tishi natijasida vodorod atomidagi elektronning tezligi...
A) ortadi   B) kamayadi
C) ortishi ham, kamayishi ham mumkin.   D) o`zgarmaydi

51. 2.O'zgaruvchan tok zanjiriga ulangan kondensatordagi zaryad vaqt bo'yicha q=6cos300t (μ) qonunga muvofiq o'zgarsa, kondensatordan o'tuvchi tokning samarador qiymati qanday (mA) bo'ladi?
A) 1,91   B) 1,70   C) 1,27   D) 2,12

52. To'siq bilan teng ikkiga bo'lingan yopiq idishda nam havo bor. Birinchi sohadagi havoning nisbiy namligi 35%, ikkinchisidagi epidermis 45%. Agar to'siq olib tashlansa, havoning namligi qanday bo'ladi? Idishdagi havo harorati o'zgarmas.
A) 80%   B) 50%   C) 70%   D) 45%

53. Massasi 2 t bo`lgan mashina shosseda 30 m/s tezlik bilan harakatlanmoqda. Tormoz bosilgandan so`ng u 60 m masofada to`xtaydi. Tormozlanish natijasida har bir metrda yo`qotilayotgan o`rtacha kinetik energiyani aniqlang. (kJ/m)
A) 20   B) 15   C) 12   D) 6

54. Ichida 10 kg 20^0C haroratli suv bo'lgan idishga 100^0C haroratli 0,2 kg bug' kiritilganda u kondensatsiyalanib suvga aylandi. Aralashmaning oxirgi harorati topilsin (idish issiqlik sig'imi va issiqlikning yo'qolishi hisobga olinmasin). Suvning solishtirma issiqlik sig'imi 4200 , bug'ning solishtirma bug'lanish issiqlik sig'imi 2,3·106 J/kg.
A) 42   B) 36   C) 32   D) 26

55. To'g'ri tasdiqni ko'rsating. Elektronlar atomda statsionar orbitalar bo'ylab harakatlanib,...
A) yorug`lik nurlamaydi va energiya yo`qotmaydi
B) yorug`lik nurlamaydi, biroq energiya yo`qotadi
C) yorug`lik nurlaydi va energiya yo`qotadi
D) yorug`lik nurlaydi, biroq energiya yo`qotmaydi

56. Mis sterjendan 10 s vaqt oralig'ida zichligi 9 A/mm^2 bo'lgan tok o'tsa, mis sterjenning harorati qanchaga o'zgaradi? Misning zichligi 8900 kg/m^3, solishtirma issiqlik sig'imi 380 J/($kg \cdot K$), solishtirma qarshiligi $\rho = 1,7 \cdot 10^{-2}$ $\Omega \cdot m$.
A) 2,4   B) 20   C) 4,07   D) 6

57. Hajmlari bir xil bo`lgan ikkita shisha idishda bir xil temperaturada har biri 1 moldan bo`lgan ikki xil gaz bor. Ularning massalari m_1> m_2. Ular to`g`risida quyida keltirilgan fikrlardan qaysi biri to`g`ri?
1) ikkala gaz molekulalarining o`rtacha kinetik energiyalari bir xil;

2) ikkala gaz molekulalarining o`rtacha kvadratik tezliklari bir xil;

3) gazlar bosimi p_1> p_2;

4) gazlar konsentratsiyalari n_1= n_2.

A) faqat 2   B) 1, 4   C) faqat 1   D) 1, 2

58. Massasi 75kg bo'lgan odamni suvda ko'rtarib turish uchun qalinligi 25 sm bo'lgan muz bo'lagining yuzasi (m^2) qanday bo'lishi kerak?
A) 9   B) 30   C) 3   D) 7,5

59. To'g'ri krlarni ko'rsating. Yarim yemirilish davri . . .
1)radioaktiv modda massasi ortishi bilan ortadi;

2)vaqt o'tishi bilan kamayadi;

3)moddada sodir bo'ladigan kimyoviy o'zgarishlarga bog'liq emas;

4)modda molekulalarining kimyoviy o'zgarishiga bog'liq

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

60. 20 m/s tezlik bilan yuqoriga tik otilgan jismning harakat boshlangandan 3 s o'tgandagi bosib o'tgan yo'lini (m) toping?
A) 25   B) 20   C) 30   D) 50

INGLIZ TILI

61. Choose the appropriate preposition.
It seems . . . me that something is wrong.
A) with   B) for   C) on   D) to

62. Choose the answer which correctly completes the sentence.
We opened the gate and there was a big herd of cows . . . front of us.
A) at   B) by   C) on   D) in

63. **Choose the answer which correctly completes the sentence.**
An airport should be planned in a way that residents of nearby areas ... as much as possible from airplane noise.
A) will protect   B) are protected
C) protect   D) had protected

64. **Choose the correct answer.**
Ten minutes ... more than enough time to complete this exercise.
A) is   B) will   C) have   D) are

65. Choose the answer which correctly completes the sentence.
When I was a student 1 used to sit ... the back of group.
A) in   B) behind   C) on   D) at

66. Choose the appropriate answer.
Betsy always goes to the country for weekends.
A) We don't either.   B) Neither does her friend.
C) So do we.   D) So they do.

67. Choose the appropriate pronouns.
-Lora, have you ever met . . . by this name?
-I'm not sure but I know . . . whose name is Mr. Murdstone. He works at the post office.
A) anybody/someone   B) someone/nobody
C) anyone/anybody   D) nobody/somebody

68. Choose the best answer.
I wouldn't put my money there if I ... think it ... safe.
A) don't/is   B) didn't/were
C) didn't/was   D) wouldn't/was

69. I'd give him a ring before you go ... he goes out.
A) as long   B) in case
C) whether   D) on condition

70. **Choose the answer which correctly completes the sentence.**
He used to be lazy about watching his stall, but since he was robbed, he has never left it unattended, ...?
A) has it   B) has he   C) was he   D) did he

71. You ... have let us know you'd changed your phone number.
A) could   B) would   C) may   D) will

72. I don't think you should go ... a job in that company.
A) at   B) in   C) after   D) to

73. Choose the answer which correctly completes the sentence
My uncle sent me some money, but I don't think ... will be enough to pay all my debts.
A) them   B) their   C) they   D) it

74. **Choose the answer which correctly completes the sentence.**
"Can you tell me what the time is ?" asked a man.
A man asked me what ... .
A) lime is   B) was the time
C) the time was   D) is the time

75. Choose the answer which correctly completes the sentence.
I was nervous in the exam and made far too ... silly mistakes.
A) many   B) few   C) lots   D) much

76. **Choose the answer which correctly completes the sentence.**
The police asked me to explain ... I hadn't reported the accident sooner.
A) what   B) where   C) why   D) when

77. **Choose the correct answer.**
He worked in ... Middle East for ten years.
A) an   B) the   C) a   D) –

78. **Choose the correct answer.**
Those ... people are trying to help the drowning man.
A) ran   B) run   C) ranning   D) running

79. **Choose the answer which correctly completes the sentence.**
One theory regarding memory states that ... is possible to transfer the memory of one animal to ....
A) there / the other   B) one / each other
C) this / one another   D) it / another

80. Choose the answer which correctly completes the sentence.
Don't you think that the candidate . . . CV is on your desk deserves an interview?

A) whose   B) that   C) which   D) whom

81. **Choose the answer which correctly completes the sentence.**
    Ann and Alice are twins. They are very much ....
    A) alike   B) like   C) look like   D) liking

Read the text. Then choose the correct answer to questions 82-84.
Dostoevsky is a Russian novelist. The son of a doctor, he graduated as a military engineer but resigned his commission to devote himself to writing. His earliest works, particularly "Poor Folk" transform the theme of human suffering amid urban squalor pioneered by Gogol. In 1849 his participation in a radical intellectual discussion group led to his exile to a penal colony
in Siberia. During this time he suffered periods of great physical and mental pain, and recurring bouts of epilepsy. Out of this experience came the harrowing "The House of the Dead". His
mature work is characterized by an obsession with morbid psychology, and at the same time a tormenting awareness of the most profound religions, metaphysical, and moral problems.

82. It is obvious in the passage that Dostoevsky ... .
    A) decided to become a novelist and gave up his former job
    B) was very fond of being in military service
    C) was a disrespectful imitator of Gogol
    D) was dismissed from the Russian Army and exiled to Siberia

83. It is stated in the passage that Dostoevsky was sent to Siberia....
    A) in order to write his master piece
    B) because he took place in a fundamental discussion group
    C) as he rejected to take part in any sort of discussion groups
    D) since he supported the practice of the periods government

84. One can easily understand from the passage that ... .
    A) the novel "The House of the Dead" includes his own heartbreaking experience
    B) eventually, his unsurpassed ability to clothe ideas reached its peak
    C) his novel "Crime and Punishment" explores the problem of moral prerogatives of the exceptional individual
    D) the novels have a heightened dramatic quality, achieved through extensive use of dialogue

Read and then choose the correct answer to questions 85-87.
Benjamin Franklin began writing his autobiography when he was 65 years old. Vacationing with his friend, Jonathan Shipley, in Hampshire, he determined to use his unwanted leisure to give an account of his ancestry and early life to his son, William, then governor of New Jersey. After setting down a list of events and topics to be discussed, he composed 68 pages of manuscript, carrying the story of his life down to 1730. He may have sent this manuscript to his son, although there is no real proof

that he did so. At any rate, busy with political affairs, he forgot about his memoirs for eleven years. In 1782, living at Passy, a suburb of Paris, he received a letter from an American friend in which was enclosed a copy of the first portion of the autobiography, with the urgent suggestion it be continued.

85. We learn from the passage that **Benjamin Franklin wrote his autobiography** ....
    A) so that his son should know about his father's early life;
    B) with the aim of publishing it
    C) very briefly-so as not to overwhelm the reader with unnecessary
         details
    D) when he was the governor of New Jersey

86. **According to the passage** ....
    A) William composed his father' s manuscripts and then sent them
         to the publisher
    B) Benjamin Franklin's autobiography was acclaimed by a large
         number of people
    C) it is still unknown to whom Benjamin Franklin gave the
         manuscript of his autobiography
    D) Benjamin Franklin's autobiography was eagerly awaited

87. **It can be inferred from the passage that** ....
    A) after consultation with his friend. Franklin disregarded the
         suggestion
    B) Franklin was a universal genius who had already realised that
         his autobiography would eventually become a classic of its kind
    C) Benjamin Franklin's American friend found the manuscript of
         the autobiography of high value
    D) Franklin rejected his American friend's proposal

Read and then choose the correct answer to questions 88-90.
What have recently been found in Egypt could be the earliest known writings. The clay tablets have been carbon dated to between 3300 BC and 3200 BC. This discovery will upset the belief commonly held by historians that the first people to write were the Sumerians of Mesopotamia, in about 3000 BC. Most of the tablets were found in the tomb of a king called Scorpion, south of Cairo, The writings, in the form of line drawings of animals, plants and mountains are on clay tablets barely bigger than postage stamps. They have been deciphered as records of linen and oil delivered to King Scorpion I. Thus it seems that man's first writings were not a creative outpouring but the result of economics: when the chieftains expanded their areas of control, they needed to keep a record of taxes, paid in the form of goods.

88. According to the passage, **the discovery of the clay tablets in**
         Egypt ....

A) will change the current understanding of the history of writing
B) apparently took place in approximately 3000 BC
C) has proved that the Sumerians were the first to write
D) has upset a great many historians interested in this area

89. **The clay tablets mentioned in the passage** ....
    A) are the earliest examples we have of Egyptian art
    B) were used as ancient forms of postage stamps
    C) were specially created to be buried with King Scorpion
    D) reveals some information about the economic dealings of
       ancient Egyptians

90. **From this discovery, it appears that** ....
    A) these tablets were a form of ancient money
    B) King Scorpion was one of the first merchants
    C) the tablets were bartered in exchange for oil
    D) the first writing was for the purpose of recording economic
       transactions