

Министерство дошкольного и школьного
образования Республики Узбекистан

2024-2025 учебный год

I четверть

Четвертные суммативные оценочные тестовые вопросы

11-класс

1-вариант

1-20 математика, 21-35 узбекский язык, 36-50 английский язык.
(В-знание; Q-применение; М-вопросы для размышления)

Ученик (ца) (Ф.И.О).....

1. (В 1 балл) Вычислите:

$$\lim_{x \rightarrow 2} (2x^2 - 3x)$$

A) 1 B) 2 C) 12 D) 0

2. (В 1 балл) Найдите угловой коэффициент касательной к графику функции $f(x) = x^2 + 2x$ в точке $A(2; 8)$.

A) 8 B) 2 C) 4 D) 6

3. (В 1 балл) Найдите и сопоставьте производную каждой функции, используя правила вычисления производных.

Функции	Производные
I. $y = 3x - 7$	A. $y = x$
	B. $y = -\frac{1}{\sin^2 x}$
II. $y = \operatorname{tg} x$	C. $y = 3$
	D. $y = e^x$
III. $y = \ln x$	E. $y = \frac{1}{\cos^2 x}$
	F. $y = \frac{1}{x}$

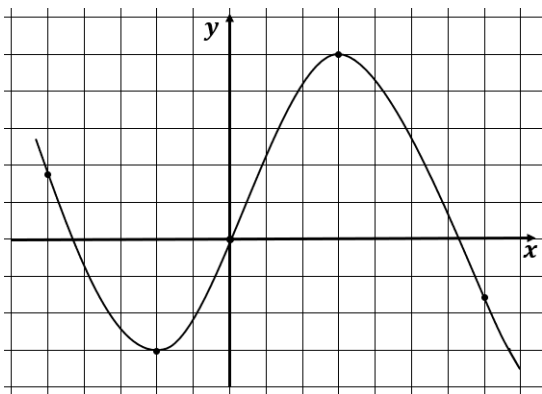
A) I-C, II-E, III-F; B) I-C, II-B, III-F; C) I-A, II-E, III-D; D) I-A, II-B, III-D;

4. (Q 4 балла) Вычислите:

$$\lim_{x \rightarrow 2} \frac{x^2 - 4}{x - 2}$$

A) 2 B) 4 C) 0 D) нельзя вычислить

5. (Q 4 балла) Используя график функции $f(x)$, показанный на рисунке, определите, верны или ложны следующие утверждения. (Возьмите одну клетку за одну единицу).



№	Утверждения	верно	неверно
1	$f'(-5) > 0$		
2	$f'(1) < 0$		
3	$f'(4) < 0$		

- А) верно, верно, верно; В) верно, верно, неверно;
 С) неверно, неверно, верно; D) верно, неверно, неверно;

6. (Q 4 балла) Найдите $f'(3)$ для функции $f(x) = \frac{x-4}{x-5}$.

- А) $-\frac{1}{4}$ В) $-\frac{1}{16}$ С) $\frac{1}{4}$ D) $\frac{1}{16}$

7. (Q 4 балла) Напишите уравнение касательной к графику функции $f(x) = x^2 + 5x - 7$, параллельной прямой $y = -3x + 4$.

- А) $y = -3x - 23$ В) $y = -3x + 23$ С) $y = -3x + 27$ D) $y = -3x - 7$

8. (Q 4 балла) Найдите x_0 , если касательные к графикам функций $f(x) = 3x^2$ и $g(x) = 4x^2 + 12x$ проходящие через точку x_0 параллельны.

- А) $x_0 = 6$ В) $x_0 = -4$ С) $x_0 = -6$ D) $x_0 = 4$

9. (Q 4 балла) Какое из следующих чисел не принадлежит промежутку возрастания функции $f(x) = 2x^2 - 16x + 7$?

- А) 8 В) 2 С) 16 D) 7

10. (Q 4 балла) Найдите сумму стационарных точек функции.

$$y = x^3 + 6x^2 + 8x + 7$$

- А) $\frac{-4}{3}$ В) 4 С) 5 D) -4

11. (Q 4 балла) В течение времени $t \in [0; 12]$ минут в воздушный шар подаётся воздух объёма $V(t) = t^3 + 10t^2 + 5t + 15$ (m^3). Найдите скорость подачи воздуха в момент времени $t = 3$ минут.

- А) $87 \frac{m^3}{\text{минут}}$ В) $62 \frac{m^3}{\text{минут}}$ С) $92 \frac{m^3}{\text{минут}}$ D) $67 \frac{m^3}{\text{минут}}$

12. (M 5 баллов) Используя равенство, найдите $f(x)$.

$$f(x) + 4f\left(\frac{1}{x}\right) = x$$

- А) $f(x) = \frac{4-x^2}{15x}$ В) $f(x) = \frac{4+x^2}{15x}$ С) $f(x) = \frac{1-4x^2}{15x}$ D) $f(x) = \frac{1+4x^2}{15x}$

13. (B 4 балла) В пространстве построена декартова система координат и в ней заданы точки $A(0; -1; 0)$, $B(3; 0; 5)$ и $C(7; 6; 5)$. Основываясь на расположении этих точек, определите, верны или неверны следующие утверждения.

№	Утверждения	верно	неверно
1	Точка A лежит на оси Oz		
2	Точка B лежит на плоскости Oxy		
3	Точка C лежит в 1-октанте		

- A) верно, неверно, неверно; B) верно, верно, верно;
 C) неверно, неверно, неверно; D) неверно, неверно, верно;

14. (B 4 балла) В какую точку перейдет точка $A(3; 4; 5)$ при параллельном переносе на вектор $\vec{p}(-2; 2; -2)$?

- A) $B(1; 6; 3)$ B) $B(5; 2; 7)$ C) $B(-5; -2; -7)$ D) $B(-1; -6; -3)$

15. (Q 5,2 балла) Найдите расстояние между точками $A(-2; 3; 4)$ и $B(3; 2; 1)$.

- A) $\sqrt{35}$ B) $\sqrt{31}$ C) $\sqrt{32}$ D) $\sqrt{33}$

16. (Q 5,2 балла) Даны векторы $\vec{a}(-6; 4; 3)$ и $\vec{b}(7; -4; 3)$. Найдите координаты вектора $\vec{c} = 2\vec{a} - 3\vec{b}$.

- A) $\vec{c}(-33; 20; -3)$ B) $\vec{c}(9; 20; -3)$ C) $\vec{c}(-33; -4; 15)$ D) $\vec{c}(-33; 20; 15)$

17. (Q 5,2 балла) Даны векторы $(4; -n; -6)$ и $(10; 8; m)$. При каких значениях m и n эти векторы будут коллинеарны?

- A) $m = 15; n = 3,2$ B) $m = 15; n = -3,2$
 C) $m = -15; n = -3,2$ D) $m = -15; n = 3,2$

18. (Q 5,2 балла) Найдите скалярное произведение векторов $\vec{a}(15; -8; 9)$ и $\vec{b}(3; 4; -7)$.

- A) -47 B) -50 C) 6 D) -38

19. (Q 5,2 балла) Найдите косинус угла между векторами $\vec{a} = 3\vec{i} - 4\vec{j} + 6\vec{k}$ и $\vec{b} = -\vec{i} + \vec{j} - 2\vec{k}$.

- A) $-\frac{17}{\sqrt{366}}$ B) $-\frac{19}{\sqrt{366}}$ C) $\frac{19}{\sqrt{366}}$ D) $\frac{21}{\sqrt{366}}$

20. (M 6 баллов) Найдите длину медианы BD , треугольника с вершинами в точках $A(8; 7; -6)$, $B(2; -6; 7)$ и $C(4; 3; 8)$.

- A) $\sqrt{139}$ B) $\sqrt{171}$ C) $\sqrt{173}$ D) $\sqrt{185}$

21. (B 2 ball) Gapga tegishli fikrlarni aniqlang.

- Kesimlik belgisiga ega bo'ladi.
- Tugallangan ohang bilan talaffuz qilinadi.
- Ma'lum fikr ifodalaydi.
- Sintaktik birlik sanaladi.

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

22. (B 2 ball) Mustaqil so'zlarning grammatik vositalarsiz, faqat ma'no orqali bog'lanishi.....deyiladi. Nuqtalar o'rninga mos javobni tanlang.

- A) Bitishuv B) Boshqaruv C) Moslashuv D) So'z

23. (B 2 ball) Alisher Navoiyning faqat maktublardan tashkil topgan asarini ko'rsating.

- A) "Sab'atu abhor" B) "Mufradot"
C) "Majolis un-nafois" D) "Munshaot"

24. (B 2ball) So'roq shaklida bo'lib, javob talab qilmaydi. Badiiy tilda, ba'zan ommaviy nutqda so'zlovchi o'z his-tuyg'ularini hayajon bilan ifoda etadigan gaplar deyiladi

- A) Istak gaplar B) Ritorik so'roq gaplar
C) Buyruq gaplar D) So'roq gaplar

25. (Q 2,8 ball) Maqollarni moslashtiring.

1. Agar do'stim ko'p bo'lsin desang,	A. to'nka dam oladi.
2. Hunarni asrabon netgumdir oxir,	B. bilimli xor bo'lmas.
3. Bolta tushguncha,	C. manmanga zavol.
4. Kamtarga kamol,	D. olib tufroqqamu ketgumdir oxir.
5. Hunarli kam bo'lmas,	E. hech kimga dushmanlik qilmang.

- A) 1-e, 2-d, 3-a, 4-c, 5-b B) 1-b, 2-d, 3-a, 4-c, 5-e
C) 1-d, 2-e, 3-a, 4-c, 5-b D) 1-c, 2-d, 3-a, 4-e, 5-b

26. (Q 2,8 ball) Javoblarning qay birida boshqaruvli birikma berilgan?

- A) raqsga tushish, kutubxonaga kirish, she'r yodlamoq
B) tez yugurish, haydalgan yer, g'ishtli imorat
C) o'quvchilarning barchasi, daftar varag'i, shahar ko'chalari
D) zavqlanib gapirish, so'qmoq orqali yurmoq, olcha guli

27. (Q 2,8 ball) His-hayajon undovlari qaysi gapda yo'q?

- A) -E-e, yeb bo'пти, Ko'kyol deydilar uni!-dedi Isoy bobo kuyib-pishib.
B) - Och qoldingmi, a? Voy, sen-ey,- deya Chuchuk uloqchanning shalpanquloqlaridan tortqilab qo'ydi.
C) Hoy, aylanay o'g'rigina bolam, boshimda shunday musibat turganda ko'zimga uyqu keladimi?
D) - Ur-re-e-e!-u boychechakni qo'lida hilpiratib, toychoqdek shataloq otib chopar edi.

28. (Q 2,8 ball) Darak gaplar berilgan qatorni toping.

- a) Urug'chilik instituti shahar markazidan xiyla chetda joylashgan.
b) Ajoyib joylar ekan-a?-dedi Rustam Quadratga qarab.
c) Eh, bu go'zal manzaraga bir qarang
d) Tarix! Tarixni ko'zdan kechirmadingizmi?

29. (Q 2,8 ball) Qaysi gap tarkibida ibora bilan ifodalangan bo'lak mavjud?

- a) Qimirlagan qir oshar.
b) Kishining go'zalligi uning tilidan bilinadi.
c) Rais daladagi hosilni ko'rib boshi osmonga yetdi.
d) Egri daraxtning soyasi ham egri bo'ladi.

30. (Q 2,8 ball) Navoiy asarlari lug'atidan keltirilgan " boshi falakdin o'tdi" jumlasida qanday ma'noni anglatadi?

- A) boshi ko'kka yetdi B) ulug' martabaga erishdi

C) vafot etdi D) burni ko‘tarildi

31. (Q 2,8 ball) Quyidagi iboraning ma‘nosi izohlangan javobni toping.

Sichqonning ini ming tanga bo‘ldi.

- A) qochib qutulgani joy topolmay qoldi
- B) xafa bo‘lmoq
- C) boyib ketdi
- D) bir lahzaning o‘zida nihoyatda g‘azablandi

32. (Q 2,8 ball) Matnni ixchamlashtirish.....

- 1. qo‘shimcha ma‘lumotlar bilan to‘ldiriladi.
- 2. sodda yoyiq gaplar yig‘iq gaplarga almashtiriladi.
- 3. qo‘shma gaplar sodda gaplarga almashtiriladi.
- 4. ko‘chirma gaplarni o‘zlashtirma gaplarga almashtiriladi.

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

33. (Q 2,8 ball) Moslashtiring.

1	Bir o‘q bilan ikki qo‘yonni urmoq.	a	Ro‘yobga chiqishi mavhum narsa haqida hovliqmalik bilan vaqtidan oldin gapirib yurmoq.
2	Aravani quruq olib qochmoq.	b	Bir vaqtda ikki narsani ko‘zlab ish tutish.
3	Dunyoni suv bossa, to‘pig‘iga chiqmaydi.	c	Yolg‘on va‘dalar bilan aldamoq.
4	Suvni ko‘rmay etik yechmoq.	d	O‘taketgan beg‘am, haddan tashqari beparvo.

- A) 1-b.2-c,3-d,4-a B) 1-a.2-c,3-d,4-b
- C) 1-b.2-a,3-d,4-c D) 1-d.2-c,3-b,4-a

34. (Q 2,8 ball) Qaysi bandda ma‘nodosh frazeologizmlar berilgan?

- A) ammanni buzog‘i, og‘zing qani desa, qulog‘ini ko‘rsatadi.
- B) ko‘ksini yerga bermoq, kuragi yerga tegmoq.
- C) shaftoli qoqmoq, pashsha qo‘rimoq.
- D) do‘ppisi yarimta, ko‘ngli yarim.

35. (M 4 ball) “Bobur o‘z yurtiga qaytishga qanchalik urinmasin, unga erisha olmaydi. Minglab odamlarning behuda nobud bo‘lishini istamaydi. Ko‘nglida ming bir andisha bilan Hindiston sari yuzlanadi. U o‘zini dunyoda eng baxtsiz odam hisoblaydi. Chunki u ona yurtini tashlab chiqdi. Endi begona ellarda yurt so‘ramoqchi, podshohlik qilmoqchi. Bularning hammasi uningcha – “xatolik” – xato ishlar edi”

Boburning xatoliklari qaysi ruboiysida aks etgan ?

- A) “Davron meni o‘tkardi sar-u somandin” ruboiysi.
- B) “Tole’ yo‘qi jonimg‘a balolig‘ bo‘ldi” ruboiysi;
- C) “Beqaydmen-u, xarobi siym ermasmen” ruboiysi;
- D) “Ko‘ngli tilagan murodig‘a yetsa kishi” ruboiysi;

36. (B. 2 ball) Choose the correct answer.

I always keep the ... when I buy something – I may need it if I want to take the item back to the shop.

- A) exchange B) promotions C) receipt D) refund

37. (B. 2 ball) Read the definition and write the correct adjective.

relaxed and calm

- A) easygoing B) annoying C) reliable D) jealous

38. (B. 2 ball) Choose the correct answer.

My uncle's a ... and goes out on his bike to train every morning.

- A) swimmer B) spectator C) sailor D) cyclist

39. (B. 2 ball) Choose the correct answer.

The government are going to ... the buildings that fell down.

- A) decorate B) recycle C) mend D) rebuild

40. (Q. 2.8 ball) Choose the correct sentence:

- A) They discussed moving to a new city.
B) They discussed move to a new city.
C) They discussed to move to a new city.
D) They discussed to moving to a new city.

41. (Q. 2.8 ball) Choose the correct sentence:

- A) I look forward to meeting you. B) I look forward to meet you.
C) I look forward to meeting. D) I look forward meeting you.

42. (Q. 2.8 ball) Choose the correct answer.

Helen always _____ when she _____ sad love stories on television.

- A) is crying / watch B) cry / is watching
C) cries / watches D) am crying / are watching

43. (Q. 2.8 ball) Choose the correct answer.

Halima and Dono _____ hard on their science project these days. They _____ a poster of space.

- A) is working / are making B) are working / are making
C) works / makes D) are working / is making

44. (Q. 2.8 ball) Choose the correct sentence:

- A) I watched a movie when the power was going out.
B) I was watching a movie when the power went out.
C) I watched a movie when the power went out.
D) I was watching a movie when the power was going out.

45. (Q. 2.8 ball) Choose the correct sentence:

- A) We were driving home when we were seeing an accident.
B) We drove home when we were seeing an accident.
C) We were driving home when we saw an accident.
D) We drove home when we saw an accident.

46. (Q. 2.8 ball) Choose the correct answer.

We _____ live in the countryside before moving to the city.

- A) used to B) use to C) are used to D) were used to

47. (Q. 2.8 ball) Choose the correct answer.

She _____ play the piano, but she hasn't practiced in years.

- A) use to B) used to C) is used to D) was used to

48. (Q. 2.8 ball) Choose the correct answer.

They _____ wear a uniform at their school, because there are strict rules about that.

- A) should have B) might C) must D) can to

49. (Q. 2.8 ball) Choose the correct answer.

You _____ forget to bring your passport to the airport.

- A) mustn't B) shouldn't
C) don't have to D) might not

50. (M. 4 ball) Choose the INCORRECT statement.

Friendship in the 21st century.

Scientist Dr Russell Carley is interested in finding out about friendship in the 21st century. He started by trying to answer the question: Can online friends be as good as face-to-face friends?

Surprisingly, he found that the answer is a big YES! A friend is someone who gives you honest advice and support, and, of course, an online friend can do that. Online friends can also be close friends. Our real friends can't be with us 24 hours a day, but the online community never sleeps! When you feel anxious in the middle of the night, there's always someone who can give you support through a text, a message or just a 'like'. Having online friends is good for your memory, too. There's a lot of information to check every day. When you see an interesting holiday picture, you make a note in your mind to ask your pal about it next time they're online, or when you're together in person.

Also, you can find friends who have the same interests as you more easily. If you're interested in Japanese comics, there will be plenty of people who love that too. For most of us, the online community provides support, it builds our confidence, and we feel loved.

So, if online friends are so good, do we need real friends? Interestingly, Dr Carley's research suggests that we do. As he points out, with your real friends, you are in the same physical space; you create memories together as you experience and enjoy doing things with each other. You have to be more responsible with your real friends, as you can't just 'unfriend' them if you disagree with them!

- A) Online friends can give honest advice and support just like real friends.
B) The online community is always available, even in the middle of the night.
C) With real friends, you create memories together by experiencing and enjoying activities.
D) You can easily 'unfriend' real friends if you disagree with them.



PEDAGOGIK MAHORAT VA XALQARO
BAHOLASH ILMIY-AMALIY
MARKAZI