

Ózbekistan Respublikası
Mektepke shekemgi hám mektep
bilimlendiriw ministrliǵı
2024-2025 oqıw jılı
I-sherek
Qánigelik pánlerden shereklik summativ
baxalaw test sorawları.
11-klass
2-variant

Matematika 1-20 , 21-35 Ádebiyat, 36-50 Ingliz tili.
(B-biliw; Q-qollaw; M-Pikirlewge baylanışlı test sorawları)

Oqıwshı (F.A.Á).....

1. (B 1 ball) Esaplań: $\lim_{x \rightarrow 3} (x^2 - 4x)$

A) 3 B) -3 C) 4 D) 0

2. (B 1 ball) $f(x) = x^2$ funkciyanıń grafigine $A(3; 9)$ noqatta urınatuǵın tuwrınıń múyeshlik koefficientin tabıń.

A) 6 B) 3 C) 1 D) 9

3. (B 1 ball) Tuwındını esaplaw qaǵıydalarınan paydalanıp hár bir funkciyanıń tuwındısın tabıń hám sáykes qoyıń.

Funkciyalar	Tuwındılar
I. $y = x^3$	A. $y = -\sin x$
	B. $y = \frac{a^x}{\ln a}$
II. $y = \cos x$	C. $y = \frac{x^4}{4}$
III. $y = a^x$	D. $y = \sin x$
	E. $y = a^x \cdot \ln a$
	F. $y = 3x^2$

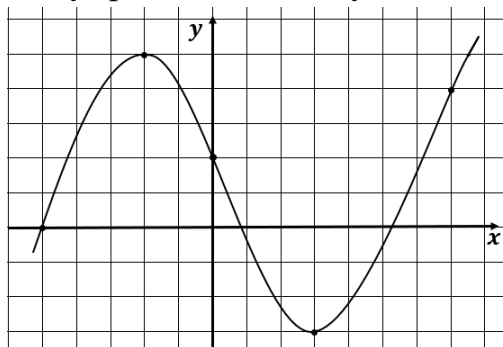
A) I-C, II-A, III-B; B) I-C, II-D, III-B; C) I-F, II-D, III-E; D) I-F, II-A, III-E;

4. (Q 4 ball) Esaplań:

$$\lim_{x \rightarrow 2} \frac{x^2 - 5x + 6}{x - 2}$$

A) 0 B) 1 C) -1 D) esaplap bolmaydı

5. (Q 4 ball) Súwrette berilgen $f(x)$ funkciyanıń grafiginen paydalanıp tómendegi tastıyqlawlardıń durıs yaqı nadurıs ekenligin anıqlań. (Bir keteksheni bir birlik dep alıń)



№	Tastıyqlawlar	durıs	Nadurıs
1	$f'(-4) > 0$		
2	$f'(1) < 0$		
3	$f'(4) > 0$		

- A) nadurıs, nadurıs, nadurıs;
 B) durıs, durıs, nadurıs;
 C) durıs, durıs, durıs;
 D) durıs, nadurıs, nadurıs;
6. (Q 4 ball) $f(x) = \frac{x+3}{x+2}$ funkciya ushın $f'(5)$ ti tabıń.
- A) $\frac{1}{49}$ B) $-\frac{1}{49}$ C) $-\frac{1}{9}$ D) $\frac{1}{9}$
7. (Q 4 ball) $f(x) = x^2 + 4x - 5$ funkciya ushın $y = 4x - 2$ tuwrıǵa parallel bolǵan urınbanıń teńlemesin dúziń.
- A) $y = 4x - 5$ B) $y = 4x + 5$ C) $y = 8x - 5$ D) $y = 8x + 7$
8. (Q 4 ball) $f(x) = 4x^2 - 17x$ hám $g(x) = 7x + 6$ funkciyalardıǵa x_0 noqat arqalı júrgizilgen urınbalar parallel bolsa, x_0 diń mánisin tabıń.
- A) $x_0 = 3$ B) $x_0 = -3$ C) $x_0 = -2$ D) $x_0 = 4$
9. (Q 4 ball) Funkciyanıń kemeyiw aralıǵın tabıń.
- $$f(x) = -2x^2 + 18x + 7$$
- A) $-4,5 < x < 0$ B) $x < 4,5$ C) $0 < x < 4,5$ D) $x > 4,5$
10. (Q 4 ball) Funkciyanıń stacionar noqatlarınıń qosındısın tabıń.
- $$y = x^3 + 6x^2 - 4x + 3$$
- A) stacionar noqatları joq B) 4 C) -8 D) -4
11. (Q 4 ball) Hawa sharı $t \in [0; 12]$ minut aralıǵında $V(t) = t^3 + 10t^2 + 5t + 15$ (m^3) hawa púrkemekte. $t = 5$ minuttaǵı hawa púrkew tezligin tabıń.
- A) $175 \frac{m^3}{\text{minut}}$ B) $225 \frac{m^3}{\text{minut}}$ C) $180 \frac{m^3}{\text{minut}}$ D) $195 \frac{m^3}{\text{minut}}$
12. (M 5 ball) Teńlikten paydalanıp, $f(x)$ funkciyanı tabıń.

$$4f(x) + 3f\left(\frac{1}{x}\right) = x$$

- A) $f(x) = \frac{4+3x^2}{7x}$ B) $f(x) = \frac{4x^2-3}{7x}$ C) $f(x) = \frac{3-4x^2}{7x}$ D) $f(x) = \frac{3+4x^2}{7x}$

13. (B 4 ball) Keńislikte dekart koordinatalar sisteması kiritilgen bolıp, onda $A(0; -5; 0)$, $B(2; 0; -1)$ hám $C(3; 2; 1)$ noqatlar berilgen. Usı noqatlardıń jaylasqan ornı boyınsha tómendegi tastıyıqlawlardıń durıs yaqı nadurıs ekenligin anıqlań.

№	Tastıyıqlawlar	durıs	nadurıs
1	A noqat Oy kósherinde jatadı		
2	B noqat Oxz tegislikte jatadı		
3	C noqat 1-oktantta jatadı		

- A) durıs, durıs, nadurıs;
 B) durıs, durıs, durıs;
 C) nadurıs, nadurıs, nadurıs;
 D) durıs, nadurıs, nadurıs;

14. (B 4 ball) $\vec{p}(-1; -1; 1)$ vektor boylap parallel kóshiriwde $A(2; 2; -2)$ noqat qaysı noqatqa ótedi?

- A) $B(-1; -1; 1)$ B) $B(1; 1; 3)$ C) $B(1; 1; -1)$ D) $B(-3; -3; -1)$

15. (Q 5,2 ball) $A(2; -4; 0)$ hám $B(3; 0; -4)$ noqatlar arasındaqı aralıqtı tabıń.

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

16. (Q 5,2 ball) $\vec{a}(-2; 3; -4)$ hám $\vec{b}(2; -5; 3)$ vektorlar berilgen. $\vec{c} = 2\vec{a} - \vec{b}$ vektordıń koordinataların tabıń.

- A) $\vec{c}(-6; 11; -11)$ B) $\vec{c}(6; -11; 11)$ C) $\vec{c}(-2; 1; -5)$ D) $\vec{c}(2; -1; 5)$

17. (Q 5,2 ball) $(6; n; 9)$ hám $(-9; -7; m)$ vektorlar berilgen. m hám n niń qanday mánislerinde bul vektorlar kollinear boladı?

- A) $m = \frac{27}{2}; n = \frac{14}{3}$ B) $m = -\frac{27}{2}; n = -\frac{14}{3}$
 C) $m = \frac{27}{2}; n = -\frac{14}{3}$ D) $m = -\frac{27}{2}; n = \frac{14}{3}$

18. (Q 5,2 ball) $\vec{a}(3; -3; -4)$ hám $\vec{b}(2; -3; 4)$ vektorlardıń skalyar kóbeymesin tabıń.

- A) 1 B) -1 C) 16 D) -19

19. (Q 5,2 ball) $\vec{a} = 2\vec{i} - 4\vec{j} + 4\vec{k}$ hám $\vec{b} = -\vec{i} + 2\vec{j} + 2\vec{k}$ vektorlar arasındaqı múyeshtiń kosinusın tabıń.

- A) $\frac{1}{3}$ B) $\frac{1}{9}$ C) $-\frac{1}{9}$ D) $\frac{3}{4}$

20. (M 6 ball) Tóbeleri $A(2; 3; -6)$, $B(-4; 6; 4)$ hám $C(4; 6; 8)$ noqatlarda bolğan úshmúyeshtliktiń AD medianasınıń uzınlıgın tabıń.

- A) $\sqrt{157}$ B) $\sqrt{171}$ C) $\sqrt{139}$ D) $\sqrt{185}$

21. (B 2 ball) Akademik S.Kamalovtıń pikirinshe, b.e.sh. V-II ásirlerdegi qaysı qáwimlerdi qaraqalpaqlardıń eń birinshi ataması dep esaplaydı?

- A) massaget
 B) apasiak
 C) sak
 D) qıpshaq

22. (B 2 ball) «Avesto»da Ámiwdárya menen Sırdárya qalay atalǵan?
 A) Ógiz dárya hám Oks
 B) Jayhun hám Sayxun
 C) Oks hám Yaksart
 D) Ámiw hám Sır
23. (Q 2,8 ball) «Avesto»da Axura Mazda kim sıpatında táriyiplenedi?
 A) Zaroastrizm dinin en jaydırıwshı elshi
 B) jer júzine jawızlıq taratıwshı quday
 C) molshılıq hám ónimdarlıq qudayı
 D) óz bendesine ǵamxor eń jaqsı quday
24. (Q 2,8 ball) «Avesto»daǵı Xvarno qaysı ápsanawiy obrazdı ańlatadı?
 A) Suymurıq qusı
 B) Qara qus
 C) Tawıs
 D) Búlbúl
25. (Q 2,8 ball) Maxmud Qashǵariy miynetiniń qaraqalpaqsha awdarması qaysı?
 A) Baxıtqa baslawshı bilim
 B) Túrkk tilleriniń sózligi
 C) Hikmetli sózler
 D) Haqıyqatlar sıylığı
26. (Q 2,8 ball) Maxmud Qashǵariy Afrasiob haqqındaǵı qaharmanlıq joqlaw arqalı qaysı sózdiń mánisin túsindirmekshi bolǵan?
 A) tartısıw
 B) alıp
 C) ańshılıq
 D) peshshe
27. (Q 2,8 ball) Maxmud Qashǵariy óz shıǵarmasında qıs penen jaz, peshshe menen shıbın arasındaǵı sáwbet arqalı qaysı ádebiy janr haqqında toqtaladı?
 A) jumbaq
 B) aytıs
 C) qosıq
 D) naqıl-maqal
28. (B 2 ball) Maxmud Qashǵariy óz shıǵarmasın jazıwda qaysı izbe-izlikten paydalanadı?
 A) sáne
 B) qatar tártip
 C) kólem
 D) álipbe
29. (Q 2,8 ball) Otqa tabınıwshılıq dininiń payda bolıwına tiykarınan qanday faktorlar sebepshi bolǵan?
 A) sırtqı dushpanlardıń basıp alıwı
 B) Quyashtıń qáhárinen qorqıw
 C) qońsı qáwimlerdiń tásiri
 D) bir mámleketke birlesiw zárúrligi
30. (Q 2,8 ball) Ne sebep Zardusht hár jerde qashıp júrip óz ideyaların taratıwǵa májbúr bolǵan?
 A) túyesinen ayırılıp qalǵan
 B) patsha qamaqqa alıwǵa buyırıq bergen
 C) diniy ruwxanıylar quwdalaǵan
 D) óz tárepdarları satıp ketken
31. (B 2 ball) M.Qashǵariydiń «Túrkk tilleriniń sózligi»nde keltirilgen ádebiyat mısalları tematikalıq jaqtan qalay bólingen?
 1. Qosıqlar 2. Joqlawlar 3. Aytıslar
 4. Naqıl-maqallar 5. Batırılıq jırları 6. Jumbaqlar
 A) 1, 2, 4, 5
 B) 1, 2, 3, 6
 C) 2, 4, 5, 6
 D) 3, 4, 5, 6

32. (Q 2,8 ball) Berilgen qosıq qatarların tematikası menen durıs sáykeslestiriń.

1. Tábiyat qosıqları	A. Ílay, balshıq diziler, Kámbaǵallar eziler, Suwıq qattı seziler, Barmaqların úpleser.
2. Ańshılıq haqqında	B. Alıplar bári sap keler, Bir-birine táp berer, Qátesiz oq atadı Kimler oǵan shaq keler?
3. Batırılıq haqqında	C. Qıs jaz benen tógistı, Jigitler bede atların minip, Jolǵa shıǵar,
4. Turmıs qosıqları	D. Kiyik kórdim, kewlim tastı, Iyım dárhal tarpa bastı, Albıraqlap keyin qashtı, Tamaǵınan buwıp aldı.

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

33. (Q 2,8 ball) Sulayman Baqırǵaniy ne sebep dúwdendi tas tóbesine kóterip júrgen?

- A) kitapları awır bolǵanı ushın
- B) ustazına húrmeti sebepli
- C) «Quran»ǵa húrmeti sebepli
- D) «Hákim ata» ataǵın alıw ushın

34. (Q 2,8 ball) Sulayman Baqırǵaniydiń qıssa, dástanlıq shıǵarmalarınıń ishindegi eń kórnekli jazılǵanları qaysılar?

- A) Qosıqları, «Imam Aǵzam»
- B) «Mirajnama», «Sabit qıssası»
- C) Qosıqları hám hikmetleri
- D) «Mirajnama», «Imam Aǵzam»

35. (M 4 ball) Rabǵuziydiń «Nuh álahissalam qıssası»nda Nuh topan tasıwın qalay biledi?

- A) jawın jawadı
- B) jerden bulaq atılıp shıǵadı
- C) jer astındaǵı jánlıklar jer betine shıǵadı
- D) tandırdan suw shıǵadı

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

Shops sometimes have to encourage people to try a new product.

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

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

staying friends with someone even when there are problems

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

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

Even the best ... would find it difficult to get to the top of that enormous rock!

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

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

Xavier's trying to ... his bike himself after he damaged it in an accident.

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

40. (Q 2,8 ball) Choose the correct sentence:

- A) He denied to steal the money.
- B) He denied steal the money.
- C) He denied stealing the money.
- D) He denied to stealing the money.

41. (Q 2,8 ball) Choose the correct sentence:

- A) We are thinking about going on vacation.
- B) We are thinking about to going on vacation.
- C) We are thinking about go on vacation.
- D) We are thinking about to go on vacation.

42. (Q 2,8 ball) Choose the correct answer.

Diana _____ to work on Saturdays because she _____ the weekend off.

- A) never goes / has
- B) are never going / don't have
- C) never go / isn't having
- D) is never going / is having

43. (Q 2,8 ball) Choose the correct answer.

My sister and I _____ dad today. We _____ flowers in the garden.

- A) am helping / plant
- B) help / plants
- C) are helping / are planting
- D) helps / is planting

44. (Q 2,8 ball) Choose the correct sentence:

- A) While I was studying, my friend was calling me.
- B) While I was studying, my friend called me.
- C) While I studied, my friend called me.
- D) While I studied, my friend was calling me.

45. (Q 2,8 ball) Choose the correct sentence:

- A) He met his friend while he walked to the store.
- B) He was meeting his friend while he walked to the store.
- C) He was meeting his friend while he was walking to the store.
- D) He met his friend while he was walking to the store.

46. (Q 2,8 ball) Choose the correct answer.

I _____ eat a lot of junk food, but now I prefer healthy meals.

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

47. (Q 2,8 ball) Choose the correct answer.

They _____ have a pet dog, but they don't keep it anymore.

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

48. (Q 2,8 ball) Choose the correct answer.

We _____ leave early to avoid traffic.

- A) must have
- B) ought
- C) should
- D) can

49. (Q 2,8 ball) Choose the correct answer.

She _____ apologize for being late.

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

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) Dr. Carley's research suggests that we do not need real friends if we have online friends



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