

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

1-20 matematika, 21-35 qoraqalpoq tili, 36-45 ingliz tili.
(B-biliw; Q-qollaw; M-Pikirlewge baylanıshlı test sorawları)

Oqıwshı (F.A.Á).....

1. (B 1 ball) Kvadrat teńsizlikti sheshiń:

$$x^2 + 4x < 0$$

A) $(-\infty; -4)$ B) $(-4; 0)$ C) $(0; \infty)$ D) $(0; 4)$

2. (B 1 ball) Tómenдеgi kestede tangens hám kotangenstıń shereklerdegi belgileri keltirilgen. Kestedegi belgilerden neshewi naduris berilgen.

	I sherek	II sherek	III sherek	IV sherek
tangens	–	+	–	+
kotangens	–	+	–	+

A) 6 B) 3 C) 4 D) 8

3. (B 1 ball) $h(x) = 3x + \frac{2}{x}$ bolsa, $h\left(\frac{1}{3}\right)$ di tabıń.

A) 7 B) 4,5 C) 3,5 D) 2,5

4. (Q 4 ball) $y = -x^2 + 4x - 5$ funksiya ushın tómenдеgi tastıyıqlawlardıń duris yaki naduris ekenligin anıqlań.

№	Tastıyıqlawlar	duris	naduris
1	Funkciyanıń grafigi $(3; -2)$ noqat arqalı ótedi		
2	Funkciya eki nollerge iye		
3	Funkciya eń kishi mániske erispeydi		

A) naduris, duris, naduris;

B) duris, naduris, duris;

C) duris, duris, duris;

D) naduris, duris, duris;

5. (Q 4 ball) Geometriyalıq progressiyada $b_1 = 50$ hám $q = 0,4$ bolsa, S_3 ti tabıń.
- A) 60 B) 48 C) 78 D) 70
6. (Q 4 ball) $y = \sqrt{5x - 12}$ funkciyanıń anıqlanıw oblastı ($D(f)$) hám mánisler kópligin ($E(f)$) tabıń.
- A) $D(f) = [2,4; \infty)$; $E(f) = [0; \infty)$
 B) $D(f) = (-\infty; 2,4)$; $E(f) = [0; \infty)$
 C) $D(f) = (2,4; \infty)$; $E(f) = (0; \infty)$
 D) $D(f) = (-\infty; 2,4]$; $E(f) = (0; \infty)$
7. (Q 4 ball) $f(x) = -8x - 3$ hám $g(x) = 9 - 7x$ bolsa, $(f + g)(-3)$ ti tabıń.
- A) 51 B) 50 C) -9 D) 9
8. (Q 4 ball) $f(x) = -3x + 7$ hám $g(x) = 8 - 12x$ bolsa, $f(g(2))$ ni tabıń.
- A) 64 B) -41 C) 55 D) -34
9. (Q 4 ball) $f(x) = 3 - 4x$, $g(x) = \frac{3x-2}{3}$ hám $h(x) = 4 - 3x$ berilgen. Eger $F(x) = f(g(h(x)))$ bolsa, $F^{-1}(x)$ ti tabıń.
- A) $F^{-1}(x) = \frac{3x-29}{36}$ B) $F^{-1}(x) = \frac{3x+31}{36}$
 C) $F^{-1}(x) = \frac{5x-29}{36}$ D) $F^{-1}(x) = \frac{3x-31}{36}$
10. (Q 4 ball) I sorawǵa (A hám B dan), II sorawǵa (C hám D dan), III sorawǵa (E hám F ten) durıs juwaptı tabıń hám sáykes qoyıń.

I. $y = x^3$ funkciyanıń qásiyetin anıqlań	A) jup funkciya
	B) taq funkciya
II. $y = -2x + 4$ funkciyanıń qásiyetin anıqlań	C) ósiwshi funkciya
	D) kemeyiwshi funkciya
III. $y = \frac{1}{x} - 4$ funkciyanıń qásiyetin anıqlań	E) ordinata kósherin kesip ótpeydi
	F) abcissa kósherin kesip ótpeydi

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

11. (Q 4 ball) $y = f(x)$ funkciyanıń grafigi ushın tómendegi almasırlardı orınlaǵanda qanday funkciyalar payda bolıwın tabıń hám hábirine durıs juwaptı sáykes qoyıń.

I. Ox kósheri boylap -4 birlik jılıtıw	A. $y = f(x) - 4$
II. Oy kósheri boylap -4 birlik jılıtıw	B. $y = f(x + 4)$
III. $(4; -4)$ vektor baǵıtında jılıtıw	C. $y = 4f(x) - 4$
	D. $y = f(x - 4) - 4$

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

12. (M 5 ball) $y = -x^2$ funkciyanıń grafigin:

- 1) shepke 3 birlik gorizantal jılıtamız;
- 2) keyin Ox kósherine qarata sáwlelendiremiz hám 2 ese sozamız;
- 3) keyin tómenge 4 birlik jılıtamız;

Nátiyjede qaysı funkciyanıń grafigi payda boladı?

- A) $y = 2(x + 3)^2 - 4$ B) $y = 2(x - 3)^2 - 4$
C) $y = 2(x - 3)^2 + 4$ D) $y = -2(x - 3)^2 - 4$

13. (B 4 ball) Futbol maydanınıń perimetri 280 m, uzınlıǵı eninen 20 m uzın bolsa, onıń maydanın tabıń.

- A) 2400 m² B) 9600 m² C) 19200 m² D) 4800 m²

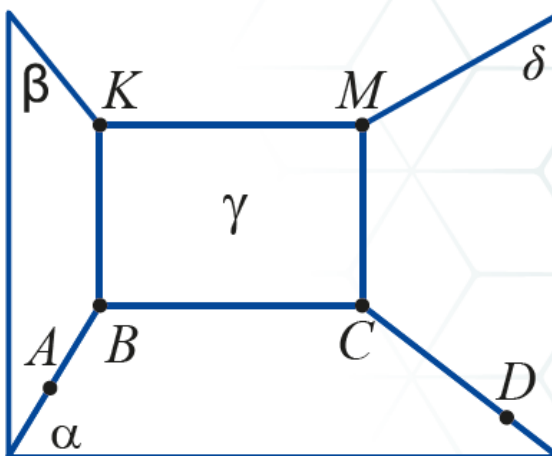
14. (B 4 ball) Tómede aksioma hám onıń nátiyjeleri keltirilgen. Nadurıs keltirilgen juwaptı tabıń.

- A) Parallel eki tuwrı arqalı qálegenshe tegislik júrgiziw múmkin.
B) Tuwrı hám onda jatpaytuǵın noqat arqalı bir hám tek ǵana bir tegislik júrgiziw múmkin.
C) Bir tuwrıda jatpaytuǵın úsh noqat arqalı bir hám tek ǵana bir tegislik júrgiziw múmkin.
D) Kesilisiwshi eki tuwrı arqalı bir hám tek ǵana bir tegislik júrgiziw múmkin.

15. (Q 5,2 ball) Tuwrı múyeshli úshmúyeshlikke ishley sızılǵan sheńberdiń urınıw noqatı gipotenuzanı uzınlıqları 12 cm hám 18 cm bolǵan kesindilerge bóledi. Usı úshmúyeshliktiń maydanın tabıń.

- A) 216 cm² B) 432 cm² C) 172 cm² D) 144 cm²

16. (Q 5,2 ball) Súwrettegi maǵlıwmatlardan paydalanıp, tegislikler ushın nadurıs juwaptı tabıń.



- A) β hám γ tegisliklerdiń ulıwma tuwrısı – BC
B) γ hám δ tegisliklerdiń ulıwma noqatları – M, C
C) γ hám β tegisliklerdiń ulıwma tuwrısı – KB
D) α hám γ tegisliklerdiń ulıwma noqatları – B, C

17. (Q 5,2 ball) Piramidanıń 19 jaǵı bolsa, onıń neshe qabırǵası bar boladı?

- A) 20 B) 38 C) 36 D) 19

18. (Q 5,2 ball) Piramidaniń ultanınıń tárepleri 15 cm hám 25 cm ge, kishi diagonalı 20 cm ge teń bolǵan parallelogramnan ibarat. Piramidaniń tóbesin ultan diagonalarınıń kesilisiw noqatı menen tutastırwshı kesindiniń uzınlıǵı 10 cm ge teń hám ol bul diagonalarǵa perpendikulyar. Piramidaniń qaptal qabırǵalarınıń uzınlıqların tabıń.

- A) 10 cm hám $5\sqrt{17}$ cm B) $10\sqrt{2}$ cm hám $5\sqrt{17}$ cm
C) $10\sqrt{2}$ cm hám $2\sqrt{87}$ cm D) 15 cm hám 19 cm

19. (Q 5,2 ball) Muntazam tórtmúyeshli piramidaniń ultanınıń tárepi 20 cm ge, piramidaniń tóbesin ultanınıń orayı menen tutastırwshı kesindiniń uzınlıǵı 10 cm ge teń. Piramidaniń apofemasınıń uzınlıǵın tabıń.

- A) $\sqrt{250}$ cm B) $10\sqrt{2}$ cm C) $10\sqrt{3}$ cm D) 20 cm

20. (M 6 ball) Kubtıń qabırǵasınıń uzınlıǵı 20 cm ge teń. Kubtıń bir tóbesinen shıǵıwshı qabırǵalarınıń ortaların tutastırw arqalı payda bolǵan kesimniń maydanın tabıń.

- A) $40\sqrt{2}$ cm² B) $20\sqrt{3}$ cm² C) $50\sqrt{3}$ cm² D) $50\sqrt{2}$ cm²

21. (B - 2 ball) Atqarıwshılar tárepińen variantlasatıǵın ádebiyattıń túri?

- A) Awızeki B) Jazba
C) Jazba hám awızeki D) Avtorı saqlanǵan boladı

22. (B - 2 ball) Q. Ayımbetov 1934-jılı qaysı jırawdan “Edige” dástanınıń bir variantın jazıp alǵan?

- A) Qıyas B) Erpolat C) Tóremurat D) Jiyen

23. (Q - 2,8 ball) “Edige” dástanın atqarǵanda hawa rayında qanday qubılıs júz bergen?

- A) Jawın jawǵan B) Dawıl bolǵan
C) Hawa ashıq bolǵan D) Shaqmaq shaqqan

24. (Q - 2,8 ball) Lukan, Seneka, Petroniy, Fedra, Marcial sóz zergerleri qaysı el ádebiyatına úles qosqan?

- A) Rim B) Hind C) Grek D) Iran

25. (Q - 2,8 ball) “Shınjırlanıp bánt etilgen Prometey” shıǵarmasında Prometediń anası kim edi?

- A) Femida B) Atlant C) Tifon D) Okean

26. (Q - 2,8 ball) “Qoblan” dástanında “Pirlık etseń ekewmizge teńdey et”, –degen sózdi qaysı qaharman qollanadı?

- A) Azıwlı B) Kóbikli C) Aqshaxan D) Qoblan

27. (Q - 2,8 ball) “Qoblan” dástanında Qızır Ilyas baba qaysı qaharmanǵa ruwxıy jaqtan kúsh berip járdemesedi?

- A) Sarı atqa B) Qoblanǵa
C) Qırıq jigıtke D) Qurtqaǵa

28. (Q - 2,8 ball) Berilgen shıǵarmalarǵa tiyisli úzindilerdi sáykeslendirin.

1“Edige”	Men mingenmen torı attıń beline, Sapar ettim Azıwlınıń eline..
2. “Qoblan”	Janı awırǵannıń jalǵız emi bar. Oǵan em boladı jaqsı násiyat
3. “Shınjırlanıp bánt etilgen Prometey”	Júzimdi jıynap alıw procesi sáwlelenedi
4. “Iliada”hám “Odiseya “	Yarım aqsham waqtında, Jalǵızın aytıp joqlaǵan, Bolmasın bul dúnyada, Mendey baxtı qara

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

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

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

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

29. (B - 2 ball) Aristotel qaysı sóz zergeriniń shıǵarmalarına joqarı baha bergen?

A) Arion

B) Alkman

C) Tesixor

D) Esxil

30. (B - 2 ball) Qaysı shıǵarmada milliy dástúrlerimizdiń biri enshi beriw haqqında ayılǵan?

A) “Edige”

B) “Alpamis”

C) “Qoblan”

D) “Túlkishek”

31. (Q - 2,8 ball) “Edige” dástanı boyınsha qaysı dramaturg spektakl dóretti?

A) K.Raxmanov

B) J.Aymurzaev

C) Á.Shamuratov

D) K.Allanazarov

32. (Q - 2,8 ball) Áyyemgi Greciya hám Rimniń b.e.sh X-XI ásirlerden,b.e dın IV-V ásirlerine shekemgi dáwirdegi ádebiyat ne dep ataladı?

A) Antik ádebiyat

B) Jazba ádebiyat

C) Awızeki ádebiyat

D) Áyyemgi Rim ádebiyatı

33. (Q - 2,8 ball) Appiy Klavdiy dóretiwshiligi qaysı el ádebiyatınıń awızeki ádebiyattan jazba ádebiyatqa ótiw dáwirin jırlaydı?

A) Áyyemgi iran

B) Áyyemgi grek

C) Áyyemgi rim

D) Áyyemgi hind

34. (P – 4 ball) «Shınjırlanıp bánt etilgen Prometey» shıǵarmasında Prometey ne ushın Okeanniń járdemin qabıl etpeydi?

A) Okeanǵa qarızdar bolǵısı kelmedi

B) Okeanniń basın bálege qoyıwdan qorqtı

C) Sebebi ol Okeandı jek kóretuǵın edi

D) Okean Prometeyge duzaq qoyǵan edi

35. (Q - 2,8 ball) «Edige» dástanında Nuraddinge Toqtamis xannıń jurtına jigirma jetti kúnde jetiwge wáde bergen qaharman qaysı juwapta berilgen?

A) Tıńǵısın

B) Edige

C) Ańǵısın

D) Soppaslı sıpira jıraw

36. (B. 2 ball) Read the definition and find the correct word.

having pale skin or a light colour of hair

A) bald

C) fair

B) shy

D) rude

37. (B. 2 ball) Choose the correct word to complete the sentence.

Someone who takes things without paying for them at a supermarket is a

- A) shoplifter
- B) vandals
- C) hackers
- D) burglar

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

I at school. I'm better at running than most of my friends.

- A) go cycling
- B) play volleyball
- C) go climbing
- D) do athletics

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

My history teacher isn't interested in new clothes or looking good. He's quite

- A) comfortable
- B) cozy
- C) skinny
- D) unfashionable

40. (Q. 2.8 ball) Choose the correct form of the verb:

Right now, our team _____ on a new project that _____ next year.

- A) is working, launches
- B) is working, launching
- C) works, is launching
- D) works, launches

41. (Q. 2.8 ball) Choose the correct form of the verb:

Whenever I _____ to the beach, I _____ the feeling of the sand under my feet.

- A) go, love
- B) am going, am loving
- C) go, am loving
- D) am going, love

42. (Q. 2.8 ball) Choose the correct option:

He is _____ tall _____ his brother.

- A) as, than
- B) as, so
- C) as, as
- D) so, as

43. (Q. 2.8 ball) Choose the correct option:

This task is _____ difficult _____ I thought it would be.

- A) as, than
- B) not as, as
- C) as, so
- D) so, than

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

I _____ the vase while I _____ the cupboard.

- A) broke / cleaned
- B) broke / was cleaning
- C) was breaking / was cleaning
- D) breaking / cleaning

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

As soon as we walked into the room, we _____ a noise. Someone _____ my computer.

- A) heard / used
- B) were hearing / used
- C) heard / was using

D) heard / uses

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

My sister looked at ... in the mirror and then combed her hair.

- A) herself
B) itself
C) yourself
D) myself

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

When I have no one to talk to, I talk to

- A) itself
B) myself
C) himself
D) herself

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

They live _____ in Tashkent.

- A) happy
B) happiest
C) happily
D) happier

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

After the break, we _____.

- A) finished the job easily
B) easily finished the job
C) finished the job easy
D) easily finish job

50. (M. 4 ball) Read the text and find the CORRECT statement.

It started with the 1954 song Rock Around the Clock by Bill Haley and the Comets. Although the older generation didn't understand rock 'n' roll, teenagers fell in love with it straight away. It was a new sound – lively and exciting – and with it came new fashions in clothing. Young men wore smart suits with skinny ties, like the popular singers Buddy Holly and Elvis Presley. Young women liked groups such as The Supremes, and they wore loose-fitting skirts which looked great when they danced. In the 1960s, rock bands like The Rolling Stones became symbols of the growing youth culture. Young women wore very short 'mini skirts' – the older generation was shocked! The mid-1960s to the mid-70s was the hippie era. Young hippies were interested in peace and love, and they listened to The Beatles, Dusty Springfield and Joni Mitchell. Men and women alike had long hair and wore flowery clothing and sandals.

The punk music of the late 70s was loud and angry, and the trends matched the music. Punks wanted to shock people. They dressed in second-hand clothes, which they often tore to look more individual, and their hairstyles were colourful and messy. Teenagers were into bands like The Clash and singers like Debbie Harry and Patti Smith. In the 1980s, long curly hair and bright colours were trendy, and people listened to Michael Jackson, Madonna and U2.

- A) Teenagers didn't like rock 'n' roll when it first appeared.
B) Young women in the 1950s preferred tight-fitting skirts when they danced.
C) The older generation was happy about young women wearing mini skirts in the 1960s.
D) Hippies were interested in peace and love and listened to The Beatles and Joni Mitchell.



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