Matematika 1-20 , Qaraqalpaq tili ve Adebiyati 21-35 36-50 ingliz tili.

(B-biliw; Q-qollaw; M-Pikirlewge baylanıslı test sorawları)

Oqıwshı (F.A.Á)..

1. (B 1 ball) Esaplań:

$$\lim_{x \to 2}(x^2 + 4x)$$

  A) 22   B) 12   C) 4   D) 0

2. (B 1 ball) $f(x) = x^2$ funkciyanıń grafigine $A(2; 4)$ noqatta urınatuǵın tuwrınıń múyeshlik koefficientin tabıń.

  A) 4   B) 2 C) 1   D) 0,5

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

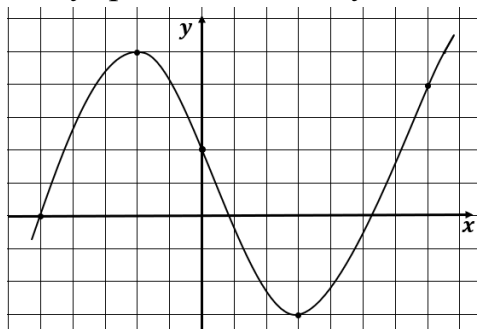| Funkciyalar	Tuwındılar
I. $y = x^4$	A. $y = -\cos x$
	B. $y = \dfrac{a^x}{\ln a}$
II. $y = \sin x$	C. $y = \dfrac{x^5}{5}$
III. $y = a^x$	D. $y = \cos x$
	E. $y = a^x \cdot \ln a$
	F. $y = 4x^3$

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

4. (Q 4 ball) Esaplań:

$$\lim_{x \to 3}\frac{x^2 - 5x + 6}{x - 3}$$

  A) 0   B) 2 C) 1   D) esaplap bolmaydı

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

№	Tastıyıqlawlar	durıs	nadurıs
1	$f'(-3) > 0$		
2	$f'(-1) < 0$		
3	$f'(2) < 0$		

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 $f'(4)$ ti tabıń.

A) $\frac{1}{36}$ B) $-\frac{1}{36}$ C) $-\frac{1}{9}$ D) $\frac{1}{9}$

7. (Q 4 ball) $f(x) = 2x^2 + 4x - 5$ funkciya ushın $y = 8x - 2$ tuwrıǵa parallel bolǵan urınbanıń teńlemesin dúziń.

A) $y = 8x - 7$ B) $y = 8x - 5$ C) $y = 8x - 4$ D) $y = 8x + 7$

8. (Q 4 ball) $f(x) = 3x^2 - 5x$ hám $g(x) = 7x + 6$ funkciyalarǵa x_0 noqat arqalı júrgizilgen urınbalar parallel bolsa, x_0 diń mánisin tabıń.

A) $x_0 = 2$ B) $x_0 = -2$ C) $x_0 = -1$ D) $x_0 = 1$

9. (Q 4 ball) Funkciyanıń ósiw 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.

$$y = x^3 + 2x^2 - x + 3$$

A) stacionar noqatları joq   B) $\frac{4}{3}$ C) $\frac{-8}{3}$ D) $\frac{-4}{3}$

11. (Q 4 ball) Hawa sharı $t \in [0; 12]$ minut aralıǵında $V(t) = t^3 + 10t^2 + 5t + 15$ (m³) hawa púrkeydi. $t = 7$ minuttaǵı hawa púrkew tezligin tabıń.

A) $298 \frac{m^3}{minut}$ B) $262 \frac{m^3}{minut}$ C) $292 \frac{m^3}{minut}$ D) $192 \frac{m^3}{minut}$

12. (M 5 ball) Teńlikten paydalanıp, $f(x)$ funkciyanı tabıń.

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

A) $f(x) = \frac{4+3x^2}{7x}$ B) $f(x) = \frac{4-3x^2}{7x}$ 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 $A(0; 0; -5)$, $B(2; -4; 0)$ hám $C(1; 2; 3)$ noqatlar berilgen. Usı noqatlardıń jaylasqan ornı boyınsha tómendegi tastıyıqlawlardıń durıs yaki nadurıs ekenligin anıqlań.

№	Tastıyıqlawlar	durıs	nadurıs
1	A noqat Oz kósherinde jatadı		
2	B noqat Oxy 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) $B(-1; -1; -3)$ B) $B(1; 1; 3)$ C) $B(3; 3; 1)$ D) $B(-3; -3; -1)$

15. (Q 5,2 ball) $A(2; 0; -4)$ hám $B(3; 4; 0)$ noqatlar arasındaǵı 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) $\vec{c}(-2; 1; -5)$ B) $\vec{c}(2; -1; 5)$ C) $\vec{c}(-2; -1; -5)$ D) $\vec{c}(-2; 5; -4)$

17. (Q 5,2 ball) $(4; n; -9)$ hám $(-6; 7; m)$ 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) $\vec{a}(2; -3; 4)$ hám $\vec{b}(-2; -3; 4)$ vektorlardıń skalyar kóbeymesin tabıń.

A) 28   B) 21   C) 16   D) −19

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

A) $\frac{1}{4}$ B) $\frac{1}{5}$ C) $\frac{1}{3}$ D) $\frac{3}{4}$

20. (M 6 ball) Tóbeleri $A(2; 3; -6)$, $B(-4; 6; 4)$ hám $C(4; 3; 8)$ noqatlarda bolǵan úshmúyeshliktiń BD medianasınıń uzınlıǵın tabıń.

A) $\sqrt{67}$ B) $\sqrt{71}$ C) $\sqrt{39}$ D) $\sqrt{85}$

21. (B 2 ball) Akademik S.Kamalovtıń pikirinshe qaysı qáwim qaraqalpaqlardıń xalıq bolıp qáliplesiwindegi ekinshi etap bolıp tabıladı?

A) massaget   C) sak

B) pecheneg   D) qıpshaq

22. (B 2 ball) «Avesto»da qaysı ideya tiykarǵı orında turǵan?

A) Muqaddes suw, muqaddes topıraq

B) Sulıw sóz, jarasıqlı kiyim, shıraylı ámel

C) Jaqsı pikir, jaqsı sóz, jaqsı ámel

D) Jaqsılıqtıń tiykarı jamanlıq

23. (Q 2,8 ball) Ne sebep Xorezmdi burınları Quyash eli dep ataǵan?

A) 365 kún quyash jarqırap turǵanı ushın

B) quyash sol tárepten shıqqan

C) Quyash qudayı Mitraǵa sıyınǵan

D) olar otqa tabınǵanlıǵı ushın

24. (Q 2,8 ball) «Avesto»dağı Varage qusı biziń xalıq awızeki ádebiyatımızdağı qaysı simvolikalıq obrazdı ańlatadı?

A) Baxıt qusı

B) Qara qus

C) Búrkit

D) Búldúl

25. (Q 2,8 ball) Maxmud Qashǵariy óz shıǵarmaları menen qaysı ilimge salmaqlı úles qosa alǵan ullı ilimpaz?

A) tariyx

B) filologiya

C) medicina

D) fizika

26. (Q 2,8 ball) Apasiaklar qáwimi qanday qáwim esaplanǵan?

A) shólde jasawshı saklar

B) batpaqlıq hám suw boyı sakları

C) massagetlerdiń ata dushpanı

D) tawda jasawshı saklar

27. (Q 2,8 ball) Insandı hám onıń huqiqların húrmet etiw qaǵıydalarınıń eń dáslepki derekleri qaysı dinniń muqaddes kitabınan baslanadı?

A) Xristian

B) Zaroastrizm

C) Islam

D) Budda

28. (B 2 ball) Bunnan úsh mıń jıl aldın Oks hám Yaksart dáryaları aralıǵında dórelgen shıǵarmanı tabıń.

A) Quran

B) Ramayana

C) Devonu luǵat-at turk

D) Avesto

29. (Q 2,8 ball) «Avesto»nıń «Yashtar» bóliminde sóz etilgen Xvarno, yaǵnıy pár arqalı neni táriyiplegen?

A) Aqquw – muhabbat tımsalı

B) Tawıs – gózzallıq belgisi

C) Qara qus – ádillik nıshanı

D) Suymurıq – baxıt qusı

30. (Q 2,8 ball) Maxmud Qashǵariy óz sózliginde «tartısıw» sóziniń mánisin túsindiriw ushın qaysı ádebiy janrdan mısal retinde paydalanǵan?

A) besik jırı

B) bet ashar

C) aytıs

D) balalar qosıqları

31. (B 2 ball) M.Qashǵariydiń «Túrk tilleriniń sózligi»nde keltirilgen ádebiyat mısalları tematikalıq jaqtan qalay bólingen?

1. Qosıqlar   2. Joqlawlar   3. Aytıslar

4. Naqıl-maqallar   5. Batırlıq 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. Batırlıq haqqında	C.Qıs jaz benen tógisti, Jigitler bede atların minip, Jolǵa shıǵar,
4. Turmıs qosıqları	D. Kiyik kórdim, kewlim tastı, Iytim 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 óz ráwiyatlarında Ibarhim Halil payǵambardıń balası Ismayıldı qurbanlıqqa shalıw waqıyasın súwretlew arqalı Qurannıń qaysı ayat-súreleriniń durıslıǵın dálilleydi?
A) Sabırlı jeter muratqa
B) Qolıńnan jaqsılıq qılıw kelmese, jamanlıq ta qılma
C) Alla hámme waqıt rehimli hám keshirimli
D) Jánnet – analar ayaǵı astında

34. (Q 2,8 ball) Nasratdin Rabǵuziy Dawıttıń payǵambardıń patshalıqtı taslap, temirshi usta bolıwına sebep bolǵan waqıyanı ne menen baylanıstıradı?
A) xalıqtıń temirshi ustaǵa mútájligi
B) kúndiz – patsha, túnde – dárwish
C) patshanıń paraxorlıǵı
D) patshanıń nasaq sózge eriwi

35. (M 4 ball) Rabǵuziydiń Qızır Álihissalam haqqındaǵı ráwiyatında pıshıq qalayınsha sonnan beri arqasınan jıǵılmaytuǵın bolǵan?
A) Jaqsılıqqa jaqsılıq qaytpaytuǵının aytqanı ushın
B) Muhammed payǵambar uyqılap atırǵan pıshıqtı oyatpay, shapanınıń etegin kesip ketkeni ushın
C) Kemesin tıshqan tesiwden saqlaǵanı ushın, Nux onıń arqasın sıypaǵan
D) Jılannan qutqarǵanı ushın Qızır Álihissalam onıń arqasınan sıypaǵan

36. (B 2 ball) Choose the correct answer.
My aunt gave me some jeans but they didn't fit, so I took them back to the shop and asked for a …. .
A) exchange   B)refund   C) promotions   D) receipt

37. (B 2 ball) Read the definition and write the correct adjective.
able to be trusted or believed
A) jealous
B) reliable
C) annoying
D) easygoing

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

Are you a good …? There's a place where we can jump into the river near here.

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

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

Lots of people agree it's a good idea to … glass, paper and plastic.

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

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

A) She enjoys to read books.
B) She enjoys read books.
C) She enjoys reading books.
D) She enjoys to reading books.

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

A) They decided to go to the park.
B) They decided go to the park.
C) They decided to going to the park.
D) They decided going to the park.

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

My sister _____ to Bukhara tomorrow because her best friend _____ married on Saturday.

A) is going / is getting
B) go / gets
C) goes / get
D) are going / are getting

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

A: Why _____ you _____ your homework?

B: Because I _____ a bad headache.

A) don't ... do / am having
B) doesn't ... do/has
C) aren't ... doing / have
D) isn't ... doing / have

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

A) While I cooked, the phone rang.
B) While I was cooking, the phone rang.
C) While I was cooked, the phone rang.
D) While I cook, the phone rang.

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

A) He was watching TV when I was arriving.
B) He watched TV when I was arriving.
C) He watched TV when I arrive.
D) He was watching TV when I arrived.

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

When I was a child, I _____ play outside every day.

A) was used to   C) used to

B) use to   D) am used to

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

She _____ work at a bank before she started her own business.

A) used to   C) use to

B) is used to   D) was used to

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

You _____ finish your homework before going out to play.

A) have   C) must

B) should have   D) can to

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

She _____ take the medicine every day to stay healthy.

A) ought   C) should have

B) has to   D) might

50. **(M 4 ball)** Choose the CORRECT 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) You can easily 'unfriend' real friends if you disagree with them.

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

C) The online community does not help in building confidence or feeling loved.

D) With real friends, you create memories together by experiencing and enjoying activities.

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