

O‘zbekiston Respublikasi
Maktabgacha va maktab ta’limi vazirligi huzuridagi
Ixtisoslashtirilgan ta’lim muassasalari agentligi
2022-2023 o‘quv yili III-chorak
Ixtisoslik fanlaridan choraklik summativ
baholash test savollari.
5-sinf
I VARIANT

1-30 matematika, 31-45 ingliz tili.

O‘quvchi (F.I.SH).....

1. (B. 1ball) *EKUK* (28; 20) toping.
A) 280 B) 4 C) 560 D) 140
2. (B. 1ball) 52 ning natural bo‘luvchilar sonini toping.
A) 4 ta B) 5 ta C) 6 ta D) 7 ta
3. (B. 1ball) 48 ning natural bo‘luvchilar yig‘indisini toping.
A) 124 B) 96 C) 150 D) 84
4. (B. 1ball) Kasrlarni to‘liq qisqartiring. $\frac{7}{21}; \frac{28}{56}; \frac{80}{120};$
A) $\frac{1}{3}; \frac{14}{28}; \frac{8}{12}$ B) $\frac{1}{3}; \frac{7}{14}; \frac{4}{6}$ C) $\frac{2}{3}; \frac{3}{4}; \frac{3}{4}$ D) $\frac{1}{3}; \frac{1}{2}; \frac{2}{3}$
5. (B. 1ball) $\frac{3}{4}; \frac{7}{3}; \frac{12}{12}; \frac{45}{41}; \frac{24}{45}; \frac{8}{16}; \frac{118}{78}; \frac{78}{93};$ shu kasrlar ichida nechta to‘g‘ri kasrlar bor.
A) 4 ta B) 5 ta C) 6 ta D) 7 ta
6. (B. 1ball) Kasrlarning eng kichik umumiy maxraji nechaga teng? $\frac{5}{24}$ va $\frac{7}{18}$
A) 6 B) 144 C) 72 D) 18

7. (B. 1ball) O‘zaro teskari sonlarning asosiy xossasi to‘g‘ri ko‘rsatilgan javobni toping.
- A) O‘zaro teskari sonlar yig‘indisi 0 ga teng.
- B) O‘zaro teskari sonlar yig‘indisi 1 ga teng.
- C) O‘zaro teskari sonlar ko‘paytmasi 1 ga teng .
- D) O‘zaro teskari sonlar ko‘paytmasi 0 ga teng
8. (B. 1ball). $25 - 19\frac{7}{13}$ ayirmani toping.
- A) $5\frac{6}{13}$ B) $5\frac{7}{13}$ C) $6\frac{7}{13}$ D) $6\frac{6}{13}$
9. (Q. 1,25ball) 630 va 198 ning umumiy bo‘luvchilari nechta ?
- A) 5 B) 6 C) 4 D) 8
10. (Q. 1,25ball) Ushbu $\frac{x-7}{15}$ kasr x ning nechta natural qiymatida to‘g‘ri kasr bo‘ladi?
- A) 15 B) 16 C) 17 D) 14
11. (Q. 1,25ball) Berilgan $\frac{16}{x+3}$ kasr x ning nechta natural qiymatida noto‘g‘ri kasr bo‘ladi?
- A) 12 B) 13 C) 14 D) 15
12. (Q. 1,25ball) Agar $x \cdot y = 540$ va $EKUK(x; y) = 90$ bo‘lsa, $EKUB(x; y)$ ni toping.
- A) 5 B) 90 C) 18 D) 6
13. (Q. 1,25ball) Surati 68, maxraji esa $EKUB(192; 288)$ ga teng bo‘lgan kasrni toping va qisqartiring. A) $\frac{68}{69}$ B) $\frac{68}{81}$ C) $\frac{17}{24}$ D) $\frac{17}{28}$
14. (Q. 1,25ball) Anvarning 30 qadami 18 m , Ahmadning 20 qadami 11 m. Ahmadning qadami Anvarning qadamidan necha metr qisqa?
- A) $\frac{13}{20}$ B) $\frac{5}{6}$ C) $\frac{4}{6}$ D) $\frac{1}{20}$
15. (Q. 1,25ball) Tenglamani yeching: $(\frac{5}{7} - \frac{2}{3}y) \cdot 21 = 1$
- A) $\frac{1}{3}$ B) 3 C) 2 D) 1
16. (Q. 1,25ball) Hisoblang: $\frac{1}{2} - \frac{1}{4} + 4 \cdot (\frac{1}{8} - \frac{1}{16}) + 16 \cdot (\frac{1}{32} - \frac{1}{64}) + 64 \cdot (\frac{1}{128} - \frac{1}{256})$
- A) 1 B) $\frac{1}{4}$ C) $\frac{143}{256}$ D) $\frac{15}{256}$
17. (Q. 1,25ball) Hisoblang. $\frac{1}{3} + \frac{1}{15} + \frac{1}{35} + \frac{1}{63} + \dots + \frac{1}{399}$
- A) $\frac{20}{21}$ B) $\frac{10}{21}$ C) $\frac{9}{23}$ D) $\frac{8}{23}$
18. (Q. 1,25ball) x va 9 sonlari o‘zaro tub, $EKUK(x; 9) + EKUB(x; 9) = 37$ bo‘lsa, x ni toping. A) 4 B) 5 C) 9 D) 36

19. (Q. 1,25ball) Hisoblang: $\frac{4\frac{4}{5} : \frac{4}{17}}{4\frac{1}{4}}$
 A) $4\frac{4}{5}$ B) 1 C) $12\frac{3}{25}$ D) $3\frac{1}{16}$
20. (Q. 1,25ball) $5\frac{2}{3}$ soni $3\frac{1}{4}$ marta ortgan bo'lsa, u qanchaga ortgan?
 A) $18\frac{8}{12}$ B) $15\frac{1}{6}$ C) $12\frac{3}{4}$ D) $3\frac{1}{4}$
21. (Q. 1,25ball) $EKUK(a; b) = 180$ va $EKUB(a; b) = 18$, a va b sonlar bir-biriga bo'linmaydi. Shu sonlarni toping.
 A) 18;180 B) 36;90 C) 36;48 D) 18;92
22. (Q. 1,25ball) $\frac{3}{4}, \frac{6}{7}, \frac{9}{10}, \frac{18}{19}$ sonlariga bo'lganda butun son bo'ladigan eng kichik natural sonni toping.
 A) 36 B) 54 C) 24 D) 18
23. (Q. 1,25ball) Hisoblang: $\frac{244 \cdot 395 - 151}{244 + 395 \cdot 243}$
 A) 1 B) 2 C) 3 D) $\frac{244}{243}$
24. (Q. 1,25ball) $a = \frac{2485}{2487}$ va $b = \frac{2486}{2488}$ sonlarini taqqoslang.
 A) $a > b$ B) $a < b$ C) $a = b + 2$ D) $2a = b$
25. (Q. 1,25ball) $\frac{7}{18}$ va $\frac{23}{30}$ sonlari orasida maxraji 45 ga teng nechta oddiy kasr bor?
 A) 13 B) 15 C) 17 D) 19
26. (Q. 1,25ball) Agar $\frac{29}{31} + \frac{38}{41} + \frac{47}{51} = a$ bo'lsa, $\frac{2}{31} + \frac{3}{41} + \frac{4}{51}$ quyidagilardan qaysi biriga teng?
 A) $3 - a$ B) $4 - a$ C) $5 - a$ D) $3 + a$
27. (Q. 1,25ball) $\frac{1}{4} < \frac{a}{24} < \frac{1}{3} < \frac{b}{12} < \frac{1}{2}$ tengsizlik o'rinli bo'ladigan a va b ning natural qiymatlari yig'indisini toping.
 A) 17 B) 12 C) 7 D) 5
28. (Q. 1,25ball) Maxraji 27 ga teng, $\frac{2}{3}$ dan katta va 1 dan kichik qisqarmas kasrlar nechta?
 A) 4 B) 5 C) 6 D) 7

29. (M. 3,5ball)

Hovuzga uchta quvur o'tkazilgan. Birinchi va ikkinchi quvurlar hovuzni 1 soat-u 10 minutda; birinchi va uchinchi quvurlar hovuzni 1 soat-u 24 minutda; ikkinchi va uchinchi quvurlar esa hovuzni 2 soat-u 20 minutda to'ldiradi. Uchala quvur bir vaqtda ochib qo'yilsa, hovuz qancha vaqtda to'ladi?

- A) 40 minut
- B) 45 minut
- C) 30 minut
- D) 60 minut

30. (M. 3,5ball)

Aholini ro'yhatga olish vaqtida hisobchi bir xonadon sohibidan bolalarining soni va yoshini so'raganda unga uy egasi "Mening hamma bolalarim o'quvchi, ularning yoshlari ko'paytmasi 1980 ga teng" deb javob berdi. Bu ma'lumot hisobchiga bu xonadon sohibi bolalarining soni va yoshini topish uchun yetarli bo'ldi. Siz ham buni topingchi eng katta farzand necha yoshga teng. (Eslatma: maktab ta'limini 11 yillik deb hisoblang).

- A) 16 yosh yoki 17 yosh
- B) 15 yosh yoki 18 yosh
- C) 14 yosh yoki 17 yosh
- D) 12 yosh yoki 18 yosh