



Inombolo yefayili: 21/2/5/2/ MATHEMATICS
Isalathiso: 20240219-1753

Ingcaciso eMfutshane yeCandelo leKharityhulam ye-GET ne-FET: DCG 0002/2024

Iya: KumaSekela Balawuli-Jikelele, kuBalawuli abaziiNtloko, kuBalawuli, kwiiNtloko zoKunika iNkxaso kwiKharityhulam, kwiiNtloko zoLawulo noKuphathwa kwamaZiko, kuBaphathi beeSekethe, kumaSekela eeNgcali zeMfundo eziziiNtloko, kuBaququzeleli be-GET, kuBacebisi ngeZifundo besiGaba esiPhakathi, kuBacebisi ngeZifundo besiGaba esiPhakamileyo, kuBacebisi beZifundo be-FET nakwiiNqununu zazo zonke izikolo zikarhulumente eziqhelekileyo nezezikolo ezizimeleyo

Isihloko: UKhuphiswano lwe-South African Mathematics Challenge lwamaBakala 4-7 kunye ne-South African Mathematics Olympiad yamaBakala 8 -12

1. Ukhuphiswano **lwe-South African Mathematics Challenge (SAMC) ne-South African Mathematics Olympiad (SAMO)** ngamathuba amahle esifundo seMathematika abafundi bamaBakala 4-7 namaBakala 8-12 ngokwahlukahlukeneyo. I-SAMC ne-SAMO zifuna ukuphucula umgangatho wokufundisa nokufunda iMathematika ngokubonelela abafundi ngeengxaki zezibalo (*problems*) ezinika umdla nezingumngeni kwinqanaba lamabakala abo kwanokuphuculwa kwezakhono zabo zokubala zenkulungwane ye-21.
2. I-SAMC ne-SAMO zineenjongo:
 - zokwenza iMathematika ithandwe;
 - zokukhuthaza ukusonjululwa kwengxaki zokubala ekufundiseni iMathematika;
 - zokukhuthaza imbono yokuba imisebenzi yeMathematika ayipheleli nje ekubaleni;
 - zokugxininisa ukubaluleka kokufunda xa kusenziwa imisebenzi yemathematika;
 - zokuzisa izixhobo zokufunda ezifaka igalelo kwimisebenzi enentsingiselo yemathematika eziklasini; kunye
 - nezokubonelela ngesixhobo esiyi-*diagnostic tool* sokufumana ulwazi ngeengxaki zabafundi ukulungiselela ootitshala bakwazi ukuziqwalasela izimvo ezingachanekanga.

3. Ii-Olympiads azikho malunga nokhuphiswano nje kuphela, kodwa zinenjongo yokubonisa abafundi iingxaki ezingumngeni zemathematika. Imibuzo yenzelwe ukuphucula ulwazi, ukusebenzisa ulwazi kwiimeko ezintsha, ukunxibelelana kunye nokucinga ngendlela yokusebenzisa imathematika ngokubanzi.
4. Zimbini iindlela zokuthatha inxaxheba:
 - Abafundi abanamandla bangakhetha ukuthatha inxaxheba ngabodwa (ngamnye).
 - Abanye abafundi bangakhetha ukusebenza ngababini (abangababini).
5. **I-2024 South African Mathematics Challenge (amaBakala 4–7)** iya kuba **nemijikelo emithathu**:
 - Umjikelo wokuqala: 11–15 Matshi 2024
 - Umjikelo wesibini: 22 Meyi 2024
 - Umjikelo wesithathu: 12 Septemba 2024
6. **I-2024 South African Mathematics Olympiad (amaBakala 8–12)** iya kuba **nemijikelo emithathu**:
 - Umjikelo wokuqala: 14 Matshi 2024
 - Umjikelo wesibini: 09 Meyi 2024
 - Umjikelo wokugqibela: 25 Julayi 2024
7. Amalungiselelo okwenziwa komsebenzi kumakhuphiswano omabini kunye namaphepha eminyaka edlulileyo anokufunyanwa kula maziko ewebhu alandelayo:

SAMC – Grades 4–7: <http://www.samf.ac.za/en/sa-mathematics-challenge>

SAMO – Grades 8–12: <http://www.samf.ac.za/en/sa-mathematics-olympiad>
8. **Ubhaliso lwe-SAMC ne-SAMO lungenziwa ngekhompyutha** kula maziko ewebhu akhankanywe apha ngasentla okanye izikolo zinokuzalisa zize zingenise ifom yokungenela eqhotyoshelwe njenge-**SAMC-2024 Entry** ngomhla wokuvala, nge-**01 Matshi 2024** okanye nge-**SAMO-2024 Entry** enomhla wokuvala we-**24 Februwari 2024**. Niyacelwa niqinisekise ukuba nisebenzisa ifom yokungenela echanekileyo kumakhuphiswano ahlukeyo.
9. ISebe leMfundo leNtshona Koloni (iSebe i-WCED) **liya kuhlawula inkxaso-mali** eyintlawulo yokungenela ukhuphiswano lwe-SAMC ne-SAMO ukwenzela abafundi bezikolo zikarhulumente eziqhelekileyo ezikhethiweyo. Izikolo ezingabizi zifizi nezikolo ii-Mathematics, Science and Technology (MST) schools, ziya kukhethwa kuqala. Abafundi kwizikolo zenqanaba lentlupheko 1 no-2 banokungenela ukhuphiswano simahla.
10. Umjikelo wokuqala uya kubhalelwa esikolweni. Ootitshala bangazimakisha iimpendulo okanye zingamakishwa xa kusenziwa iingxoxo ezivulelekileyo ngabafundi eziklasini. I-South African Mathematics Foundation (SAMF) iya kubonelela ngememorandam. Kwakuba kugqitywe ukumakishwa, iziphumo ziya kufakwa kwifom ethile efunyenwe kwi-SAMF nefanele ukubuyiselwa kubo, neya kuthi emva koko isingathe inkqubo yobhaliso kumjikelo wesibini nowokugqibela.

11. Abafundi kufuneka bafumane u-50% okanye ngaphezulu kumjikelo wokuqala ukuze bagqithele kumjikelo olandelayo.
12. Imijikelo elandelayo iya kubanjelwa kwiindawo ezifikelelwa ngumntu wonke kwiingingqi ezahlukileyo.
13. Umthathi-nxaxheba ngamnye kwi-SAMC/SAMO uya kuvavanywa ubuncinane ngengxaki yesibalo enye, eya kuphucula isakhono sakhe sokusombulula iingxaki zokubala. Isakhono sokusombulula iingxaki zezibalo singaphuculwa ngokungaphezulu ngokusebenza ngononophelo ukufumana izisombululo zale mijikelo. Kuya kubakho izisombululo ezizezinye nezitsha kwaye kucetyiswa ukuba iingxaki zezibalo ezisetyenziswe kumaphepha kufuneka zisetyenziswe njengoovimba abazizibonelelo zokuxoxa eklasini.
14. Izakhono zobuchule zokusombulula iingxaki ziyimfuneko kwaye ziyathengiseka kakhulu kwiimarike zentengiselwano zanamhlanje ezigxininisa kubuchule kwezethekhnoloji. Le marike ikwilizwe jikelele ngoku yaye uMzantsi Afrika kufuneka ukwazi ukukhuphisana namanye amazwe. Ngoko ke, sifuna iingcali ezingabasombululi-zingxaki. Ukuziqhelisa ukusombulula iingxaki kuya kunceda ukuqeqesha iinkokeli zethu zangomso ukulungiselela ukuphuculwa kwethekhnoloji.
15. I-SAMF iyayiqaphela impumelelo yaye iya kuwonga abafundi ngezi zatifikethi zilandelayo:
 - Isatifikethi sombala wegolide (*Gold certificate*): Kubo bonke abafundi abapase ngaphezu ko-80% kumjikelo wokugqibela.
 - Isatifikethi sombala wesilivere (*Silver certificate*): Kubo bonke abafundi abapase phakathi ko-60% no-79% kumjikelo wokugqibela kunye
 - nesatifikethi sombala wobhedu (*Bronze certificate*): Kubo bonke abafundi abapase phakathi ko-50% no-59% kumjikelo wokugqibela.
16. I-SAMF ikwabonelela ngamathuba okukhangela italente. Kukhuthazwa ootitshala ukuba bachonge abafundi abanesakhono yaye bangene kwiziko lewebhu elichaphazelekayo ukuze babhalise.
Makungenwe apha ukwenzela amaBakala 6 –11: <https://mytutor.chat/samf-talent-search/>
17. Kucelwa ukuba iinqununu zazise okukule ngcaciso imfutshane bonke ootitshala beMathematika ukuze bakuthathele ingqalelo.

ISAYINWE: NGU-H MAHOMED

USEKELA MLAWULI-JIKELELE WEKHARITYHULAM NOLAWULO LOVAVANYO

UMHLA: 2024-02-27