ZIMBABWE SCHOOL EXAMINATIONS COUNCIL

General Certificate of Education Ordinary Level

NAMBYA 4010/1

PAPER 1

SPECIMEN PAPER

2 Hours

Additional materials:
Answer paper

UNSHAJI: Ma awa mabili (2 hours).

ZWILULAMIKO KUBAKWALI BEKWEJO

Kwala izina lilyo, chilabo chopawumukwalila (centre number) nechilabo chicho chekwejo (candidate number) pamakwepele okushandulila.

Bala igwepele lyekwejo zwilonika usanu washandula mibhuzo.

Shandula umbhuzo **umwempela** kuva muchikamu I nemibhuzo **yose** muchikamu II.

Kwala inshandulo jijo pamakwepele awapiwa.

Ungoshingisa makwepele manji, asunge pamwempela.

CHINYEWULILO KUBAKWALI BEKWEJO

Indipo jemibhuzo jilopiwa mbeli kwayo [ ].

Ikwejo yeyi inamakwepele mashanu nakamwempela alokwalwa namabili asijilokwalwa.

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Chikamu I

Shala unsholo **umwempela** paneyi ipopasi utikokwala inyaya yokuzwibumbila. Inyaya iyo ngayibe namawhi mazana mana anamakumi mashanu kunoswika mazana mashanu. (450-500)

1 Kwala inyaya inamawhi anoti, "wakalasha unshaji umbuya kasa." [50]

2 Kukosha kokulela chuma pasha. [50]

3 Kwala inyaya ubandulula nobupenyu bwamazhubano. [50]

4 Zwiwanikwa zwedu muZimbabwe zwimutibhancha na kana ne? [50]

5 Kwala ikwejiso pakati pamasabhuku mabili akumunda kugota lyabashe enyenyejana pezhulu pamakapo anobhancha (donors) umwe eti bekokwe kobhancha umwe eti banhu ngabezwishingile boga. [50]

6 Kwala inyaya ine chichimbe chinoti, "wakuluma inzebe ngowuwo." [50]

7 Wenda kuchikolo chipya. Ikwalila unkwayina uwo unzuwile nechikolo chicho chipya. [50]

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Chikamu II

Bala inyaya yeyi zwilinika usanu washandula mubhuzo.

Imhashu nozwipombo

1 Kumatibi ose enyika, imhashu nezwipombo zwinolingika sokulya kunokubusa mbili. Makole namakole yeji imhashu jinolingika jilinobuchilo nokunaka. Jinowanika jilijinji mumiminda minji. Jinowaja kubhatwa nabana kana bakulwana jisengwa kusha kumipika. Kana bajibhata banobhisa mapapilo nembizho jikokumakumbo. Jinokwazhiswa muvula inamunyu konshaji unshoma wamaminiti mashanu, kova jikwanikwa pezhuba. Kana jakoma, jinosoba kulya kubhodo kana busebo bwezhuba lyakalelo.

2 Kuzhe kokukosha, imhashu jinolingika jikalulama, jisinokwelana nezwipombo. Jakawana unshaji wokukwalwa mubhayibhili nomukolani. Kana mamililo okuzhe evumila, imhashu jinokambija kuzwalana kupinda zwipombo, banakwaina bajo pakuwanda. Kana jawanda kasa jinowana unshaji wokupululuka jinda mumpepo. Jinoshangana mubunji bwajo jitubula kuzhaja bugalo bwamakilomita izana. Zwiwulu zwinji zwemhashu zwina nenzhala zwinotubula kukwenda zwiwulu zwama kilomita peviki. Jinopululuka jili pamwempela jinda pezhulu zwokuti kunosoboneka sokuti kwaswibhija, jita untuzi unosokambija kupela nokuti jinobagala pasi jipota kulya.

3 Igata lyemhashu linobuzilija igubaji igulwana lisilobambilwa. Balimi banji banosoyeya bepelelwa namaano pezhulu pezwi zwinolya zwilimwa zwabo. Munshaji unshomanana bupenyu bwabalimi bunosobakanganisika pezhulu pezwipuka zwinabupazwi kasa.

4 Imwe neyimwe imhashu inolya kulya kunabulemu bombili wayo. Zwiwulu mazana mashanu anolya kulya kungalyiwa nezhou igumi. Zwipombo yezwi zwomugwa zwinotubula kupeja kulya kwabanhu, chikamu igumi muzana (10%) pasi lyose, nokulya kwabamwe balimi basijadomwa. Banhu banosoyeya kuti ngana kupotwa inzila jokuchinga zwipuka zwina bupazwi pakuti zwisipeje zwilimwa zwabanolimila kutengesa nabanolimila kuzwililitila.

5 Nokudalo imhalajo jemhashu jinososhanganwa nenzilenji jafulumende jokutabilija kwamakole manji. Imhashu jakalingika sabakwaina bezwamatongelo enyika kana kuti babengi. Jikangoboneka imhashu kunosoba nokukatamuka kwabanhu. Mafulumende anobuza indeke bemwaya unti wokubulaya zwipuka. Nezwo banobumba bukamu nabanhu. Makapo ozwokutabilijwa kwemhashu anosokambija kushinga bugalo bunobawanda imhashu. Kuna banobhancha bekazwimilila boga banosokambija kushinga kupeja bukukutu yobu bewana kubokwa kasa. Inyika inosopeja imali inji pezhulu pokupeja zwipuka yezwi.

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6 Kunabamwe banotanga kubhuza kuti zwilokwelela na kubulaya zwipuka yezwi? Bumwe bugalo abujakabezwidimbwa kuti zwipuka zwakabepalaja zwilimwa. Asi azwina nechokuta nokushomopala kokulya munyika. Mushakisiso yakatiwa kunyika yokuAmerica, chichenamiso ngechokuti apana bulyijano pakati pemhalajo nezhala jipo pasi yopa. Bana bumhizha bakabhatisisa kuti imhashu ajitopeja kulya. Nokudalo inzila jokutabilija imhashu jinopejemali.

7 Imali yashingiswa pakupeja zwipuka yezwi ingapinda zwingawanwa kana zwilimwa zwisijalyiwa na? Apana angaba nechokomende. Zwikukutu kusiyanisa kuti pakati pemhashu notunyuni ngezwipi zwinolya kasa zwipeja zwilimwa, kubalisila nedihwa nezwipombo. Kupeja bukukutu yobu kunodula akale kulemu. Inzila yatingashingise nasi pakutabilija zwipuka, kushingisa miti yechikhuwa (pesticides). Atingazibe kuti tobadulilwa zwakata chini? Zwinji zwinokanganisa zwilimwa, kana kushaikana kwevula, nezwimwe zwipombo zwisijalebwa, nendipo jokutengesa zwilimwa kunejimwe nyika. Kutabilija imhashu kungata zwishoma pakupeja bukukutu bwezhala. Kutabilija nemiti yechikhuwa kunobuza bumwe bukukutu kabili. Kabili banabumhizha bweSayensi banoti akutozibikana kuti igata lyemhashu linganyamuka linda kupi tangwa, kubuvezhuba kana pe. Sezwo jiwaja kubhanchwa nebhepo pakupululuka. Ijo nokwajo jinopululukila pelyo nonseche, zwingaba mamita matatu kuswika kumashanu nakamwempela (3-6m) zwinda kutibi linonyenyeja (opposite).

8 Kubulaya imhashu nezwipuka kushingiswa miti yechikhuwa imwaywa nendeke, kana matalakita pezwiwulu zwobugalo zwinobeda zwishingiso zwikulwana kupinda zwatinanazwo munyika. Yezwi zwinopa ushaji kuti zwipuka zwiwande kuti bukukutu bwebhamba buwande. Sofana yezwi zwishoma, miti yechikhuwa yokubulaya zwipuka inobulaya banhu kabili bangolya imhashu jadilwa miti. Chuma naicho chinofa chingolya buhwa bunanti, zwilimwa neebo zwinosofa nokupya.

9 Kuchingwa kwemhashu kunoda kulyijana kwenyika jilobakijana nokuti zwipombo azwitoziba miganu. Kana kwawhikana kuti jaswika pabugalo bwababakijani basinolyijana kunokwelela kuva kwalekwa bulongwa bokutabilija kushingiswa miti. Kunanehondo ndiko kwajinonda kasa jisinoziba. Kutabilija kuWestern Sahara kwakakanganisika indeke yokumwaya miti payakambwela. Kubhatana kwenyika jose kunolema pakuti inyika jinoda imali yolubhancho jinotambika fulumende umwempela, kuna kupa makapo anomilila inyika jilosiyana siyana.

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10 Miti yechikhuwa inopeja bukukutu bwemhashu na? Apana kuvumilana kubuya yopa. Bamwe banabumhizha banodimbwa kuti ivula ingowandisa kana ishomapale, nezhuba lingopisisa linopeja bulyi. Ijo imhashu nezwipuka zwinokwelela kulalama neebo somoto mushango unosolekejwa wazwijimila woga. Kana kulingisiswa bulongwa bokuchinga bunodula kupinda zwilimwa zvichoowanikwa. Imali ichalashika inobedikana kubhancha panazwimwe kabili zwilokosha. Kana balimi beda kuchija zwilimwa zwabo nemiti yokutenga, zwibuya kuti ibe isinodula, iwanika mubugalo bwabo. Zwinota kuti balimi bebenesimba lyokuzwilalamisa.

11 Inzila inji jimupoteseswa mazhubano ndije tekinoloji, koga miti inopinda yeyo ipo kale ayijanu yawanika. Inzila jantolo jokuchinga zwipuka nemhashu jinoshingiswa nabanhu jinoshanganisila jokuloba notuzato bebulaya bulyi, kana kuleka ingombe jilye muminda unazwilimwa zwanjinilwa nezwipuka. Yejinzila ajitoshinga kana liligata nokuti jinotubula kuzha kabili igole linotobela. Imhashu nezwipombo azwijanu zwazundwa muzwaluhwi ji.

Adapted from an article by Nicholas Shaxon, for Germini News service.

Shandula mibhuzo inotobela sokutobelana kwayo.

1 **(a)** **(i)** Somunyaya banhu banowanani mukulya imhashu? [1]

(ii) Ngobupi bugalo bwadomwa munyaya bunowanika imhashu? [1]

(iii) Leba zwinhu zwibili zwinotiwa kumhashu kana jabhatwa? [2]

(b) **(i)** Neni imhashu jikakosha kupinda zwipombo? [1]

(ii) Sokubona kuko ini zwinotisa kuti imhashu jipululuke zwiwulu zwamakilomita peviki? [1]

(iii) Ngelipi iwhi lyashingiswa munyaya linotendejela munji bwemhashu? [1]

2 **(a)** "…….bupenyu bwabalimi bunosobakanganisika….." Bhaunula kuti chinolebani sokushingiswa kwacho chilebo yechi, mumawhi awo. [2]

(b) Neni kuchinga imhashu kushingiswa inzila jantolo chili chikukutu kubalimi? [2]

(c) Mumawhi awo bhaunula kuti zwinolebani kana kuwhi bulyi. [1]

(d) Imhashu jingakanganisa chini kulyijana kwenyika jilobakijana? [1]

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(e) Pandulula zwizhele kuti zwinolebani kana unkwali eti, "Imhashu ajitoziba unganu." [2]

(f) Mudako panamabala atolwa munyaya. Pandulula kuti anolebani, sokushingiswa kwawo munyaya. Ishala mabala mashanu chete kunaya mashanu notutatu.

(i)

matibi	indima (1)
kululama	indima (2)
kuswibhija	indima (2)
maano	indima (3)
bupazwi	indima (3)
bulemu	indima (4)
idihwa	indima (7)
kuchinga	indima (9)

[5]

3 Kwala ifupipiso ulungulula inzila jokuchinga imhashu jalebwa nonkwali udombole bubi bwenzila yejo. Mabala awo esipinde **makumi mashanu (50)**. Shingisa indima kuva kunayashanu nakamwempela kunoswika panopelela inyaya. [10]

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