NAME: KEY

Question 1: *Use the following two cases to fill the Linkage Register on page 3.*

Case #1: You are filling the EID Logbook **today** with results and identify a positive test for Rachel Phiri. The following month you follow up with the ART department and find she has been enrolled in ART. Her MasterCard is below and showed that she attended her last appointment.

EID Log Book Entry

Name	DOB	Reason for Test	Date Specimen Collected	Date Results Received	DNA PCR Result
Rachael Phiri	*16/04/2015*	*Exp*	*23/06/2015*	*04/08/2015*	*pos*

ART Patient Card ***Pediatric ARV Formulations*** *Version 4*

Transfer- In Date:

ART Reg no: ***HTA-123***

Year: ***2015***

Status at ART Initiation

WHO clinical conditions	*none*			
Clin Stage	(1) 2 3 4 PSHD		TB Status at Initiation	(Never) Last (<2yrs) Curr (2yrs)
CD4 / TLC		%	KS	(N) Y
CD4/TLC Date			Ever taken ARVs	(N) Y
Hegith, Wt.	Cm *89*	Kg *2.3*	Last ARV	
Age at Init.	*4 m*		Date last taken	

Confirmatory HIV Tests	HTC Serial No	Dates
1) ART **start**	*107* Rapid (PCR)	*22/08/15*
2) Age **12** mnths	Rapid PCR	
3) Age **24** mnths		
ART education done	N (Y)	
TB treatment	Reg. No.	Start Date
ART Regimens	*2P*	

Case 2: 14 year old boy, John Tambala, has been referred to you from OTP clinic **today**. You check in his health passport book and discover he had an HIV test on 18 March 2015, HTC #4568. You refer him to ART clinic for further evaluation. The following month you follow up with the ART department and find he has been enrolled in HIV Care Clinic. His MasterCard and entry into the HCC register is below.

HIV Care Patient Card ***Pre-ART Child / Adult*** *Version 1*

Transfer- In Date		**HCC Reg no**	***HTA-765***	Year	***2015***

Status at Enrollment	Testing Site	HTC Serial No	Test Date	Test Type
Confirmatory HIV Test				Rapid PCR
Clinical Conditions	*Rash, oral thrush*		WHO stage	1 (2)
			Age	*14*

		Date last taken		
Ever taken IPT	(N) Y			
Ever taken TB treatm.	(N) Y		TB Reg. No.	
Ever taken any ARVs	(N) Y		ARV type	

Visit Date day/month/year	Hgt cm	Wt kg	Wasting/Malnutr. Based on Either Wt4hgt	BMI	MUAC	WHO Stage Specify new conditions in Notes				CD4 Sample taken	Result	Preggnant →start ART!		IPT No. of tablets	CPT No. of tablets	Family Plan Depo given	No. of cond-oms	Side Effects (Current) Specify 'Other' in Notes					Follow Up Outcome Continu	On ART	TO	Default	Died	Next Appointment or Outcome Date
20/07/15	*162*	*42*	(No)	Mod	Sev	1	(2)	3	4	(Bled)	*1099*	(N)	Y	X	*35*	X	X	No	Pn	HP	(SK)	Oth	(Con)	ART	TO	Def	D	*20/08/15*
			No	Mod	Sev	1	2	3	4	Bled		N	Y					No	Pn	HP	SK	Oth	Con	ART	TO	Def	D	

Notes: ~~*Moving to Ukale 1*~~

HCC Register

Status at HIV Care Clinic Enrloment																		Outcome						
Sex/Pregnancy			Age	Age Group				Reg. Type			Reason		FUP Outcome					Outcome Date
Male	Female Non Pregnant	Female Pregnant start ART	At HCC enrollment	below 2 months	2 to below 24 months	24 mths-below 15 yrs	15 yrs or older	Last time enrolment	re-enrolment	Transfer In	Exposed infant (unk infected status)	Confirmed infection (any age)	Discharged uninfected	Started ART	Transferred out	Defaulted	Died	
(M)	FNP	FP	14	A1	A2	(A3)	A4	(FT)	Re	Ti	Exp	(Conf)	Dis	ART	To	Def	D	
M	FNP	FP		A1	A2	A3	A4	FT	Re	Ti	Exp	Conf	Dis	ART	To	Def	D	

USE FOR QUESTION 1, Cases 1 and 2:

REGISTRATION

	Date of Identification (dd/mm/yy)	Name	Surname	Gender (Male / F Non Preg / F Preg)	DOB (dd/mm/yy)	Age (years)	HIV Test Date (dd/mm/yy)	Referral Location (ANC / Maternity / In-Patient / NRU / OTP / TB / EID / STI / Fam Plan / Out Patient (OPD) / EPI / Under Five / ART Clinic / VCT / Other (specify))	specify other	Previous HIV Diagnosis (Known +, not in care / Transfer In)	Previous HIV Diagnosis: Transferred From Health Facility	New HIV Diagnosis: Referred for Testing By (Clinician/Nurse / HTA/Counselor / Self/Parent)	New HIV Diagnosis: HIV Test Type (New PCR+ / New Rapid +)	HTC/PCR ID #
1	TODAY'S DATE	Rachel	Phiri	M (FNP) FP	16/4/15	5/12	23/6/15	An Mat InP NR OT TB (EID) ST FP OP EPI US ART VCT Oth		K+ TIn	X	C/N HTA Self	(PCR) R	107
2	" ↓ "	JOHN	TAMBALA	(M) FNP FP	X	14	18/3/15	An Mat InP NR (OT) TB EID ST FP OP EPI US ART VCT Oth		(K+) TIn	X	C/N HTA Self	PCR R	X

ENROLLMENT IN CARE

	CD4 Count	WHO Stage (Stage 1 or 2 / Stage 3 / Stage 4 / Not Done)	Height (cm) at enroll	Weight (kg) at enroll	Eligible for ART? (Yes / No / Unknown)	Reason Eligible? (PSHD / Under 5 yrs / BF or Preg / CD4 / WHO)	Started ART? (No / Yes)	ART Reg No.	Date started ART (dd/mm/yy)	Enrolled in HCC? (No / Yes)	HCC Reg No.	Enrollment in HCC Date (dd/mm/yy)	Final Outcome (choose only one) (Alive in HCC / Alive on ART / Died / Refused / Stopped / LTFU/Default/Moved / Transferred Out)	Transfer Out: Transferred To Health Facility	Success? (DHFO) (Yes / Unknown)	Comments
1	X	(1-2) 3 4 ND	64	2.3	(Y) N Uk	P (<5) B/P CD W	N (Y)	HTA-123	22/6/15	(N) Y	X	X	HC (AR) D R Sto LT TO		Y Uk	
2	1099	(1-2) 3 4 ND	162	42	Y (N) Uk	P <5 B/P CD W	(N) Y			N (Y)	HTA-765	20/7/15	(HC) AR D R Sto LT TO		Y Uk	

QUESTION 2: Use the following Registration data from July and Outcome Data from June. Use this to fill the totals at the bottom of the page and the Linkage Monthly Report on page 6.

Gender			DOB (dd/mm/yy)	Age (years)	HIV Test Date (dd/mm/yy)	Referral Location																Previous HIV Diagnosis			New HIV Diagnosis			
																									Referred for Testing By:			HIV Test Results		
Male	F Non Preg	F Preg				ANC	Maternity	In-Patient	NRU	OTP	TB	EID	STI	Fam Plan	Out Patient (OPD)	EPI	Under Five	ART Clinic	VCT	Other (specify)	specify other	Known +, not in care	Transfer In	Transferred From Health Facility	Clinician/Nurse	HTA/Counselor	Self/Parent	New PCR+	New Rapid +	HTC/PCR ID #
M	FNP	FP				An	Mat	InP	NR	OT	TB	EID	ST	FP	OP	EPI	U5	ART	VCT	Oth		K+	Tin		C/N	HTA	Self	PCR	R	
M	FNP	FP				An	Mat	InP	NR	OT	TB	EID	ST	FP	OP	EPI	U5	ART	VCT	Oth		K+	Tin		C/N	HTA	Self	PCR	R	
M	FNP	FP				An	Mat	InP	NR	OT	TB	EID	ST	FP	OP	EPI	U5	ART	VCT	Oth		K+	Tin		C/N	HTA	Self	PCR	R	
M	FNP	FP				An	Mat	InP	NR	OT	TB	EID	ST	FP	OP	EPI	U5	ART	VCT	Oth		K+	Tin		C/N	HTA	Self	PCR	R	
M	FNP	FP				An	Mat	InP	NR	OT	TB	EID	ST	FP	OP	EPI	U5	ART	VCT	Oth		K+	Tin		C/N	HTA	Self	PCR	R	
M	FNP	FP				An	Mat	InP	NR	OT	TB	EID	ST	FP	OP	EPI	U5	ART	VCT	Oth		K+	Tin		C/N	HTA	Self	PCR	R	
M	FNP	FP				An	Mat	InP	NR	OT	TB	EID	ST	FP	OP	EPI	U5	ART	VCT	Oth		K+	Tin		C/N	HTA	Self	PCR	R	
M	FNP	FP				An	Mat	InP	NR	OT	TB	EID	ST	FP	OP	EPI	U5	ART	VCT	Oth		K+	Tin		C/N	HTA	Self	PCR	R	
M	FNP	FP				An	Mat	InP	NR	OT	TB	EID	ST	FP	OP	EPI	U5	ART	VCT	Oth		K+	Tin		C/N	HTA	Self	PCR	R	
M	FNP	FP				An	Mat	InP	NR	OT	TB	EID	ST	FP	OP	EPI	U5	ART	VCT	Oth		K+	Tin		C/N	HTA	Self	PCR	R	
M	FNP	FP				An	Mat	InP	NR	OT	TB	EID	ST	FP	OP	EPI	U5	ART	VCT	Oth		K+	Tin		C/N	HTA	Self	PCR	R	
M	FNP	FP				An	Mat	InP	NR	OT	TB	EID	ST	FP	OP	EPI	U5	ART	VCT	Oth		K+	Tin		C/N	HTA	Self	PCR	R	
4	7	1				0	0	1	2	0	4	1	0	0	0	1	1	2	0	0		2	2					1	7	
LE 1.1- 1.3						LE 2.1- LE 2.15																LE 3.1 - LE 3.2						LE 3.3 - LE 3.4		

Eligible for ART?		Reason Eligible?						Started ART?				Enrolled in HCC?				(fill one month after initiation date - choose only one)						
Yes	No	PSHD	Under 5 yrs	BF or Preg	CD4	WHO		No	Yes	ART Reg No.	Date started ART (dd/mm/yy)	No	Yes	HCC Reg No.	Enrollment in HCC Date (dd/mm/yy)	Alive in HCC	Alive on ART	Died	Refused	Stopped	Default/Move/LTFU	Transferred Out
Y	N	P	<5	B/P	CD	W		N	Y			N	Y			HC	AR	D	R	Sto	Def	TO
Y	N	P	<5	B/P	CD	W		N	Y			N	Y			HC	AR	D	R	Sto	Def	TO
Y	N	P	<5	B/P	CD	W		N	Y			N	Y			HC	AR	D	R	Sto	Def	TO
Y	N	P	<5	B/P	CD	W		N	Y			N	Y			HC	AR	D	R	Sto	Def	TO
Y	N	P	<5	B/P	CD	W		N	Y			N	Y			HC	AR	D	R	Sto	Def	TO
Y	N	P	<5	B/P	CD	W		N	Y			N	Y			HC	AR	D	R	Sto	Def	TO
Y	N	P	<5	B/P	CD	W		N	Y			N	Y			HC	AR	D	R	Sto	Def	TO
Y	N	P	<5	B/P	CD	W		N	Y			N	Y			HC	AR	D	R	Sto	Def	TO
Y	N	P	<5	B/P	CD	W		N	Y			N	Y			HC	AR	D	R	Sto	Def	TO
Y	N	P	<5	B/P	CD	W		N	Y			N	Y			HC	AR	D	R	Sto	Def	TO
Y	N	P	<5	B/P	CD	W		N	Y			N	Y			HC	AR	D	R	Sto	Def	TO
Y	N	P	<5	B/P	CD	W		N	Y			N	Y			HC	AR	D	R	Sto	Def	TO
Y	N	P	<5	B/P	CD	W		N	Y			N	Y			HC	AR	D	R	Sto	Def	TO
Y	N	P	<5	B/P	CD	W		N	Y			N	Y			HC	AR	D	R	Sto	Def	TO
10									9				4			3	5	2	1	0	2	1
LE 5.1									LE 5.2				LE 5.3			LE 6.1 - LE 6.7						

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Indicator	Description	Data Location	Target	Data Accuracy Checks	Result	
					Site	M&E Check
LE 1.0	Total Registrations by Gender (LE 1.1 + LE 1.2 + LE 1.3)	*Calculation*		LE 1.0 = LE 2.0 = LE 3.0	12	
LE 1.1	Males	LE Register			4	
LE 1.2	Females, Non Pregnant	LE Register			7	
LE 1.3	Females Pregnant	LE Register			1	
LE 2.0	Total Referrals by Department (LE 2.0 = LE 2.1 + LE 2.2 + LE 2.3 + LE 2.4 + LE 2.5 + LE 2.6 + LE 2.7 + LE 2.8 + LE 2.9 + LE 2.10 + LE 2.11 + LE 2.12 + LE 2.13 + LE 2.14 + LE 2.15)	*Calculation*		LE 1.0 = LE 2.0 = LE 3.0	12	
LE 2.1	ANC	LE Register			0	
LE 2.2	Maternity	LE Register			0	
LE 2.3	In-Patient/Short Stay	LE Register			1	
LE 2.4	Nutrition Rehabilitaton unit	LE Register			2	
LE 2.5	Outpatient Therapeutic Programme (OTP)	LE Register			0	
LE 2.6	Tuberculosis (TB)	LE Register			4	
LE 2.7	Early Infant Diagnosis (EID)	LE Register			1	
LE 2.8	Sexually Transmitted Infections (STI)	LE Register			0	
LE 2.9	Family Planning	LE Register			0	
LE 2.10	Out Patient (OPD)	LE Register			0	
LE 2.11	Expanded Programme on Immunization (EPI)	LE Register			1	
LE 2.12	Under Five	LE Register			1	
LE 2.13	ART Clinic	LE Register			2	
LE 2.14	Voluntary Testing and Counseling (VCT)	LE Register			0	
LE 2.15	Other *(specify in comment section)*	LE Register			0	
LE 3.0	Total HIV Status at Registraton (LE 3.1 + LE 3.2 + LE 3.3 + LE 3.4)	*Calculation*		LE 1.0 = LE 2.0 = LE 3.0	12	
LE 3.1	Previous Known Positive, Not in Care	LE Register			2	
LE 3.2	Previous Positive, Transferred In	LE Register			2	
LE 3.3	New PCR Positive	LE Register			1	
LE 3.4	New Rapid Positive	LE Register			7	

Reporting Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
ORM	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov

Reporting Month: JULY **Outcome Reporting Month (ORM):** JUNE

Indicator	Description	Data Location	Target	Data Accuracy Checks	Result	
					Site	M&E Check
LE 4.0	Total Patients in ORM	LE Register		Equals LE 1.0 from ORM	14	
LE 5.0	Total Patients Enrolled in Care (LE 5.2 + LE 5.3)	*calculation*			13	
LE 5.1	Eligible to Start ART	LE Register			10	
LE 5.2	Started ART	LE Register			9	
LE 5.3	Enrolled in HCC	LE Register			4	
LE 6.0	Patient Outcomes (LE 6.1 + LE 6.2 + LE 6.3 + LE 6.4 + LE 6.5 + LE 6.6 + LE 6.7)	*Calculation*		LE 6.0 = LE 4.0	14	
LE 6.1	Alive, in HCC	LE Register			3	
LE 6.2	Alive, on ART	LE Register			5	
LE 6.3	Died	LE Register			2	
LE 6.4	Refused	LE Register			1	
LE 6.5	Stopped	LE Register			0	
LE 6.6	Defaulted/Moved/Lost to Follow Up (LTFU)	LE Register			2	
LE 6.7	Transferred Out	LE Register			1	

QUESTION 3: Use the following data from the DNA PCR/EID register to fill the PCR monthly report below. You will be using data from **March**. Remember to fill your Reporting Month based on this information.

Reason for Test	Date Specimen Collected	Date Results Received	DNA PCR Result *(Pos, Neg or Redraw)*
exp	02/03/2015	11/04/2015	Neg
exp	02/03/2015	11/04/2015	
exp	02/03/2015	11/04/2015	Pos
exp	06/03/2015	11/04/2015	Neg
PSHD	07/03/2015	11/04/2015	Neg
exp	11/03/2015	23/04/2015	Neg
exp	11/03/2015	23/04/2015	Pos
exp	12/03/2005	23/04/2015	Neg
exp	14/03/2015	23/04/2015	Neg
exp	17/03/2015		
exp	17/03/2015	23/04/2015	Neg
PSHD	22/03/2015	01/05/2015	Pos
exp	24/03/2015	01/05/2015	Neg
exp	26/03/2015		
exp	26/03/2015	01/05/2015	Neg

Reporting Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
DPRM	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep

Reporting Month: JUNE **DNA PCR Reporting Month (DPRM):** MARCH

Indicator	Description	Data Location	Target	Data Accuracy Checks	Result	
					Site	M&
LE 7.0	Total PCRs Taken	DNA PCR Log Book		LE 7.0= LE 8.0	15	
LE 8.0	Results of DNA PCRs Taken LE 8.0 = LE 8.1 + LE 8.2 + LE 8.3	Calculation		LE 8.0= LE 7.0	15	
LE 8.1	PCR Test Positive	DNA PCR Log Book			3	
LE 8.2	PCR Test Negative	DNA PCR Log Book			9	
LE 8.3	PCR No Result	DNA PCR Log Book			3	