

Module Test (Practical): ABAP Part I PROGRAMMING TEST

Max Marks: 70

Duration: 3Hrs

Assessment Parameters

- Solution Completeness (including all requirements addressed) – 20%
- Working solution for each requirement – 60 %
- Comments – 10%
- Coding standards – 10 %
- XXXX indicates any 4 digit/Name unique identifier.

I. Create a ZXXXXXXKNAI table with the following specifications. **[10 Marks]**

Customer General Data						
Field	Key	Data Element	Data Type	Length	Decimal	Short Description
MANDT	Yes	MANDT	CLNT	3		Client
KUNNR	Yes	ZXXXXKUNNR	CHAR	10		Customer
LAND1		LAND1_GP	CHAR	3		Country
NAME1		NAME1_GP	CHAR	35		Name
NAME2		NAME2_GP	CHAR	35		Name 2
ORT01		ORT01_GP	CHAR	35		City
PSTLZ		PSTLZ	CHAR	10		Postal Code
REGIO		REGIO	CHAR	3		Region

The table should contain the following data and Insert records in the table using TMG.

MANDT	KUNNR	LAND1	NAME1	NAME2	ORT01	PSTLZ	REGIO
100	CU34	US	Great Divide		Carroll ton	41008	
100	CU3400	US	Plant San Francisco	Plant San Francisco	San Francisco	94108	CA
100	CU3600	US	Plant Wichita	Plant Wichita	Wichita	67214	KS
100	CU3700	US	Plant Orlando		Orlando	32830	FL
100	CU4510	CA	SAP Plant - Eastern Canada	Montreal	Montreal	H4L 1H9	QC
100	CU4513	CA	Vendor for plant 4513	Plant Winnipeg	Winnipeg	R2X 2R9	MB

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2. Create a ZXXXXXXKNVV table with the following specifications. [10 Marks]

Customer Sales Data							
Field	Key	Fkey	Data Element	Data Type	Length	Decimal	Short Description
MANDT	Yes		MANDT	CLNT	3		Client
KUNNR	Yes	Yes	ZXXXXKUNNR	CHAR	10		Customer
VKORG	Yes		ZXXXXVKORG	CHAR	4		Distr.Channel
VTWEG	Yes		ZXXXXVTWEG	CHAR	2		Division
SPART			SPART	CHAR	2		Name 2
ERNAM			ERNAM	CHAR	12		Created By
ERDAT			ERDAT	CHAR	10		Created On

The table should contain the following data and Insert records in the table using TMG.

MANDT	KUNNR	VKORG	VTWEG	SPART	ERNAM	ERDAT
100	CU4530	4530	14	00	D022599	07.08.2012
100	CU6100	3020	10	00	D022599	09.05.2012
100	CU6100	6000	10	00	D022599	09.05.2012
100	CU700	3000	10	00	I008505	16.09.2014
100	CU34	3000	10	00	I008505	26.02.2015
100	CU3400	3000	10	00	D022599	16.02.2012
100	CU4510	4530	14	00	D022599	07.08.2012
100	CU4513	3000	10	00	D022599	02.03.2012

3. Display the Customer Number on the basic list using the ZXXXXXXKNAI table. If a Customer Number is chosen on this list, then the sales record of that Customer Number should be displayed in the next level from ZXXXXXXKNVV Table. [20 Marks]

Basic List:

Create a selection screen to accept the range of Customer Number. Display at least 5 Customer along with Customer Name I, country and city.

Preserve the below details for all the screens to print the header:

Client: 100 User: Sap login user id Date: System Date. Time: System Time.

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Basic list

Customer General Details				
Client	I00		Date	27.05.2021
User	Trainee01		Time	01:14:40
KUNNR	NAMEI	LANDI	ORT01	REGIO
XXXX	XXXX	XXXX	XXXX	XXXX
XXXX	XXXX	XXXX	XXXX	XXXX

Secondary list

Customer Sales Details				
Client	I00		Date	27.05.2021
User	Trainee01		Time	01:14:40
KUNNR	XXXX			
VKORG	VTWEG	SPART	ERNAM	ERDAT
XXXX	XXXX	XXXX	XXXX	XXXX
XXXX	XXXX	XXXX	XXXX	XXXX

Note: XXX represents the data.

4. Create a Function Module ZXXX_GET_CUSTOMER [20 Marks].
- Input parameter Customer Number (KUNNR) as range.
 - Output parameter is an internal table of type table ZXXX_KNAI.
 - Write Logic in FM to fetch Customer general details from table ZXXX_KNAI and show error message if no records found.

Write a Program that accepts CustomerNumber as range of input from the user.
Program must call the Function Module ZXXX_Get_Customer, pass the Customer Number to the Function Module and display the Customer information from table ZXXX_KNAI.

5. Create the Data Base View for the both the tables (ZXXX_KNAI and ZXXX_KNJV) and write a program to display the data from the view.

[10 Marks]

Note: In View Calling Program, Declare Internal table with fields from both the tables and should not use select * statement.