

## 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

1. Create a ZXXXXXXBUT000 table with the following specifications.

**[10 Marks]**

Field	Key	Data Element	Data Type	Length	Decimal	Short description
MANDT	Yes	MANDT	CLNT	3	0	Client
PARTNER	Yes	ZXXXXXBU_PARTNER	CHAR	10	0	Business Partner
TYPE		ZXXXXXBU_TYPE	CHAR	1	0	Business Partner category
BU_GROUP		BU_GROUP	CHAR	4	0	Business Partner Grouping
NAME_ORGI		BU_NAMEORI	CHAR	40	0	Name of the organization

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

MANDT	PARTNER	TYPE	BU_GROUP	NAME_ORGI
100	0009744517	2	GEPA	Targo 21
100	0009744618	2	CPDK	Targo 23
100	0009744719	2	GEPA	Targo 55
100	0009736730	1	0002	Targo 60
100	0009746750	3	CPDS	Targo 70
100	0009767760	3	GEPA	Targo 21

## ABAP Part I PROGRAMMING TEST

2. Create a ZXXXXXXBUT020 table with the following specifications.

[10 Marks]

Field	Key	Data Element	Data Type	Length	Decimal	Short description
MANDT	Yes	MANDT	CLNT	3	0	Client
PARTNER	Yes F.Key	ZXXXXXBU_PARTNER	CHAR	10	0	Business Partner(BP)
ADDRNUMBER	Yes	ZXXXXXAD_ADDRNUM	CHAR	10	0	BP: Address Numer
ADEXT		BU_ADEXT	CHAR	20	0	Address Number in External System
XDFADR		BU_XDFADR	CHAR	1	0	Address Indicator

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

MANDT	PARTNER	ADDRNUMBER	ADEXT	XDFADR
100	0009744517	0015004898	0002	X
100	0009744618	0015004598	0001	
100	0009744719	0015003478	0001	X
100	0009744719	0015005688	0002	X
100	0009744719	0015003708	0001	

3. Display the Partner in the basic list using the ZXXXXXXBUT000 table. If a Partner is chosen on this list, then all the Address Details in which the Partner is available should be displayed in the next level from ZXXXXXXBUT020 Table.

[20 Marks]

### **Basic List:**

Create a selection screen to accept the range of Partner. Display at least 4 Partners along with Partner, Partner Type and Partner group

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.

### **Basic List**

Client	100		Date	17.04.2021
User	Trainee01		Time	11:44:45
Partner Details				
Partner	Type	Group		
XXX	XXX	XXX		
XXX	XXX	XXX		

## ABAP Part I PROGRAMMING TEST

### Secondary list

Address Details				
Client	I00		Date	17.04.2021
User	Trainee01		Time	11:44:45
Partner	XXXXXX			
Partner	BP: Address Number	Address Indicator		
XXX	XXX	XXX		
XXX	XXX	XXX		

Note: XXX represents the data.

4. Create a Function Module ZXXX\_GetPartner with [ 20 Marks ]
- a) Input is a range of Partner (PARTNER)
  - b) Output parameter is an internal table of type table ZXXX\_BUT000.
  - c) Write Logic in FM to fetch customerdetails from table ZXXXXXBUT000

Write a Program that calls the Function Module ZXXX\_GetPartner, passes the range of Partners to the Function Module and displays the Partner details.  
Display logic must be in the calling Program and not in the Function Module.

5. Create the Data Base View for the both the tables (ZXXXXXXBUT000 and ZXXXXXXBUT020) 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.