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 ZXXXXXXEMPLOYEE table with the following specifications.   **[10 Marks]**

Field	Key	Data Element	Data Type	Length	Decimal	Short description
MANDT	Yes	MANDT	CLNT	3	0	Client
EMP_ID	Yes	ZXXXXXEMP_ID	CHAR	7	0	Employee ID
EMP_NAME		ZXXXXEMP_NAME	CHAR	40	0	Employee Name
EMP_AGE		ZXXXXEMP_AGE	CHAR	2	0	Employee Age
EMP_LOC		ZXXXXEMP_LOC	CHAR	40	0	Employee Working Location

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

MANDT	EMP_ID	EMP_NAME	EMP_AGE	EMP_LOC
100	141111	Priya	26	Hyderabad
100	141116	Sony	25	Delhi
100	124524	Rajesh	33	Mumbai
100	118796	Hari	37	Banaglore
100	144533	Shyam	32	Hyderabad
100	129546	Sweta	31	Delhi
100	190554	Gaurav	30	Mumbai
100	164335	Priyanka	31	Banaglore
100	104011	Bhanu	35	Hyderabad
100	174925	Sravya	33	Delhi

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

Field	Key	Fkey	Data Element	Data Type	Length	Decimal	Short description
MANDT	Yes		MANDT	CLNT	3	0	Client
EMP_ID	Yes	Yes	ZXXXXXEMP_ID	CHAR	7	0	Employee ID
PROJ_CODE	Yes		ZXXXXXPROJ_CODE	CHAR	3	0	Project Code
PROJ_NAME			ZXXXXXPROJ_NAME	CHAR	20	0	Project Name
TEAM_SIZE			ZXXXXXPROJ_SIZE	NUMC	4	0	Team Size

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

MANDT	EMP_ID	PROJ_CODE	PROJ_NAME	TEAM_SIZE
100	141111	011	TLX_SAP	10
100	141116	214	BYR	110
100	124524	365	INS_SAP	34
100	141111	783	MCM	89
100	141116	109	M&D	39
100	124524	967	TYK	57
100	141111	142	TS_CAR	60
100	141116	191	PLRS	39
100	124524	657	EQNR	120
100	141111	443	KRGL	50

3. Display the Employee Details in the basic list using the ZXXXXXXEMPLOYEE table. If a Employee ID is chosen on this list, then all the Project Details in which the Employee is available should be displayed in the next level from ZXXXXXXPROJECT Table. **[20 Marks]**

Basic List:
Create a selection screen to accept the range of Employee ID's. Display at least 5 Employee ID's along with Employee Name and Age

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	17.04.2019
User	Trainee01		Time	11:44:45

Employee Details		
Employee ID	Employee Name	Age
XXX	XXX	XXX
XXX	XXX	XXX

Secondary list

Project Details		
Client	100		Date	17.04.2019
User	Trainee01		Time	11:44:45

Employee ID	XXXXX	
Employee ID	Project Code	Project Name
XXX	XXX	XXX
XXX	XXX	XXX

Note: XXX represents the data.

4. Create a Function Module ZXXX_GetEmployee with **[20 Marks]**
   a) Input is a range of Employee ID's (EMP_ID)
   b) Output parameter is an internal table of type table ZXXX_EMPLOYEE.
   c) Write Logic in FM to fetch Employee Details from table ZXXXXEMPLOYEE

   Write a Program that calls the Function Module ZXXX_ GetEmployee, passes the range of Employee ID's to the Function Module and display the Employee 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 (ZXXXXEMPLOYEE and ZXXXXXXPROJECT) 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.