**BDC Programming**

1. **What are the batch input techniques?**
   1. CALL TRANSACTION
   2. SESSION
2. **CALL TRANSACTION Complete Statement ?**

**Ans** : CALL TRANSACTION <TCODE> USING <IT\_BDCDATA>

MODE <A/E/N>

UPDATE < A/ S>

MESSAGES INTO <IT\_BDCMSGCOLL>.

1. **Function Modules Used in Session Method ?**

**Ans :-** BDC\_OPEN\_GROUP, BDC\_INSERT, BDC\_CLOSE\_GROUP  
  
**4. What is the structure of the BDCDATA ?**

**Ans :-** PROGRAM, DYNPRO,DYNBEGIN,FNAM,FVAL  
  
**5. How do you find the, program name, Screen no, Screen Field Name?**

**Ans :-** System -> status , press F1 on Screen Field Name -> Technical help

**6. What are the processing (Display) modes for Batch Input?**

**Ans : -**Process on screen(foreground), Display errors only and process in the background(No Screens)  
  
**7.What are the available OK Codes that can be utilized during batch input processing?**

**Ans :-**

/n – terminates current batch input transaction and marks as incorrect.  
/bdel – delete current batch input transaction from session.  
/bend – terminate batch input processing and mark session as incorrect.  
/bda – change display mode to process the session on screen instead of displaying only errors.  
/bde – change display mode to display only errors instead of processing the session on the screen.  
  
**8. What is the effect of the BDC\_CURSOR field name in the BDC table?**

**Ans :-** You can set the cursor and enter as a corresponding field value the name of the field on which the cursor is to be positioned.

**9. What are different types of Update modes in CALL TRANSACTION ?**

1. Synchronous
2. Asynchronous
3. Local

**10. Does the CALL TRANSACTION method allow multiple transactions to be processed by SAP?**

**Ans** : No. The CALL TRANSACTION method allows only a single transaction to be processed by SAP.  
  
**11. Does the same Session allow multiple transactions to be processed by SAP?**

Yes.  
  
**12. What is Synchronous Database update?**

Waits for the acknowledgement i.e During the processing, no transaction is stored until the previous transaction has been written to the Database. This is called Synchronous Database update.  
  
**13. What are the differences between CALL TRANSACTION and BATCH INPUT SESSION ?**

**SESSION Method:**  
- Asynchronous processing  
- Transfers data for multiple transactions  
- Synchronous database update  
During processing, no transaction is started until the previous transaction has been written to the database.  
- A batch input processing log is generated for each session  
- Sessions cannot be generated in parallel

**CALL TRANSACTION**:  
-Synchronous processing  
- Transfers data for a single transaction  
- Synchronous and asynchronous database updating both possible  
The program specifies which kind of updating is desired.  
The system performs a database commit immediately after the CALL TRANSACTION USING statement.  
No batch input processing log is generated

**14. What is BDC\_OKCODE ?**

## This name is constant and always identifies button click/user command. 15. What is CTU\_PARAMS in CALL TRANSACTION ?

## It’s the other way of passing CALL TRANSACTION Parameters

DATA ctu\_params TYPE ctu\_params.

ls\_ctu\_params-dismode = 'N'.

ls\_ctu\_params-updmode = 'S'.

CALL TRANSACTION <tcode> USING it\_bdcdata OPTIONS **FROM ctu\_params**.