

# **IBM MVS Interview Questions And Answers Guide.**



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# IBM MVS Job Interview Preparation Guide.

### Question # 1

What is basic difference between "DIRECTORY" and "PDS" in IBM MAINFRAME?

#### Answer:-

A PDS or Partitioned Data Set is a dataset containing multiple members, each of which holds a separate sub-data set, similar to a directory in other types of file systems. This type of dataset is often used to hold executable programs (load modules), source program libraries (especially Assembler macro definitions). A PDS is most somewhat analogous to a Zip file on microcomputers, except the files stored in a PDS are not compressed. The Partitioned Data Set can only allocate on a single volume with the maximum size of 65536 tracks. Besides members, a PDS consists also of their directory. Each member can be accessed directly using the directory structure. Once a member is located, the data stored in that member is handled in the same manner as a PS (sequential) data set.

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### Question # 2

How to define a DIRECTORY and what is the structure and definition for the same?

#### Answer:-

As in DIRECTORY we can store files as well as another DIRECTORY which includes other files but PDS includes only members not another PDS inside it.

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### Question # 3

What is the facility that allows mainframes to be partitioned into LAPARs?

- a.Z/os
- b.PR/sm
- c.Virtual storage
- d.Coupling facility

#### Answer:-

- b.PR/sm

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### Question # 4

How many register we are using in mvs?

#### Answer:-

- 16 - GPR
- 16 - Access Registers
- 16 - Control Registers
- 1 - Special Register called PSW
- 4 - floating-point Registers

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### Question # 5



What are the sub parameters for UNDO command? How does it work?

**Answer:-**

TYPE RECOVERYON on command prompt then UNDO command enable.  
UNDO command is used to it rollbacks previous data.

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**Question # 6**

What is PDES?

**Answer:-**

PDS can extend 15 time after it is allocated. PDSE can extend 122 times.

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**Question # 7**

How to send a SMS to a mobile through Mainframe MVS?

**Answer:-**

SMS in mainframe is Storage Management System. I hope it has nothing to do with telephone SMS.  
Regarding the Storage Management System, I can say something soon.

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**Question # 8**

What is the panel name of ispf primary option menu?

**Answer:-**

Panel name is ISPF/PDF primary option menu

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**Question # 9**

What is the size of the address space in KBs for 16 bit address space?

**Answer:-**

The size of address space for 16 bit address space is 64kb  
For s/370 the address space 21 bit- 16MB  
For s370XA and EXA address space is 31 bit- 2GB

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**Question # 10**

WHAT IS DIFFERENCE BETWEEN PDS AND PDSE?  
STEPS BEFORE MERGING?  
DUMMY DATASET USES?  
DIFFERENCES BETWEEN IDCAMS AND ICETOOLS?  
DIFFERENCE BETWEEN ALL JCL UTILITY TOOLS?

**Answer:-**

dummy dataset means it dont have any control fields. so,we place a dummy  
ex:SYSIN DD DUMMY(NO FUNCTION).  
JCL UTILITY TOOLS:  
IEBGGENER UTILITY:  
IT IS USED TO CREATE,COPY OR PRINT SEQUENTIAL DATASETS.  
IEBCOPY UTILITY:  
I IS USED TO COPY NUMBERS OF PARTITIONED DATASETS.  
IEFBR14 UTILITY:  
THIS UTILITY IS CALLED DUMMY UTILITY ALSO BY USING THIS UTILITY WE CAN CREATE A DATASET.

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**Question # 11**

What is full form of SPOOL?

**Answer:-**

To spool means "to operate (an input/output device) by using buffers in main and secondary storage."  
Not sure if there is any full form.  
If you meant SDSF, it stands for system display and search facility.

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**Question # 12**



How to create a new pds with the structure of an existing pds?

**Answer:-**

You can create a new pds with file aid 3.2.

Here the question is, same structure of an existing pds. it is easy to note down the structure and type it again while allocating a dataset, but what is the shortest form of doing this is the question...

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**Question # 13**

What is address space in MVS?

**Answer:-**

Address space is the range of addresses in real storage.

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**Question # 14**

What is the output of the following command given in TSO/ISPF terminal?

SRCHFOR abc SRCHFORC xyz, (+5)

**Answer:-**

SRCHFOR 'abc' search for abc in the current PDS or LIBRARY.

SRCHFOR C 'xyz', (+5) search for 'xyz' and (+5) in continuation (i.e. in the same line only).

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**Question # 15**

What is swap-in and swap-out?

**Answer:-**

Swap-in and Swap-out is the transfer of all valid pages between auxiliary storage to real storage and vice-versa.

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