Hi Dear,
Good day, Thank you for showing your Interest/email/SMS in SAP Education or Support Certification Live/Online Training, On the behalf of Seekers International - Pakistan Government Authorized (2001) has provided SAP Education to 174 students (36th Academy) with successful (96%) passing rate.

About SAP:
SAP, started in 1972 by five former IBM employees in Mannheim, Germany, states that it is the world's largest inter-enterprise software company and the world's fourth-largest independent software supplier, overall.

SAP applications, built around their latest R/3 system, provide the capability to manage financial, asset, and cost accounting, production operations and materials, personnel, plants, and archived documents. The R/3 system runs on a number of platforms including Windows 2000 and uses the client/server model. The latest version of R/3 includes a comprehensive Internet-enabled package.

As of January 2007, SAP, a publicly traded company, had over 89,400 employees in over 50 countries, and more than 66,200 customers around the world. SAP is turning its attention to small- and medium-sized businesses (SMB).

### ECC 6 R/3 SAP Expert / Certification Level Two - Academy Fee Schedule

<table>
<thead>
<tr>
<th>No</th>
<th>Module’s Name</th>
<th>Expert Level (Certification Program)</th>
<th>Fee PKR</th>
<th>Time</th>
<th>Course Duration</th>
<th>Eligibility with 3 years Large Co. Experience</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>SAP Human Capital Management</td>
<td>Expert Level (Certification Program)</td>
<td>130,000</td>
<td>6-9 pm</td>
<td>60 Days</td>
<td>MBA HR / HR Diploma Professionals</td>
</tr>
<tr>
<td>2</td>
<td>SAP Financial Accounting</td>
<td>Functional (with Project Implementation)</td>
<td>95,000</td>
<td>3-6 &amp; 6-9 pm</td>
<td>45 Days</td>
<td>MBA/ ACCA/ CIMA/ B.com/M. Com</td>
</tr>
<tr>
<td>3</td>
<td>SAP Controlling</td>
<td>Functional (with Project Implementation)</td>
<td>95,000</td>
<td>6-9 pm</td>
<td>45 Days</td>
<td>MBA/ ACCA/ CIMA/ B.com/M. Com</td>
</tr>
<tr>
<td>4</td>
<td>SAP Warehouse Management</td>
<td>Functional (with Project Implementation)</td>
<td>95,000</td>
<td>6-9 pm</td>
<td>45 Days</td>
<td>MBA Supply Chain / Warehouse Management</td>
</tr>
<tr>
<td>5</td>
<td>SAP Material Management</td>
<td>Functional (with Project Implementation)</td>
<td>95,000</td>
<td>6-9 pm</td>
<td>45 Days</td>
<td>MBA Supply Chain / Procurement</td>
</tr>
<tr>
<td>6</td>
<td>SAP Sales Distribution</td>
<td>Functional (with Project Implementation)</td>
<td>95,000</td>
<td>6-9 pm</td>
<td>35 Days</td>
<td>MBA Sales Management</td>
</tr>
<tr>
<td>7</td>
<td>SAP Production Planning</td>
<td>Functional (with Project Implementation)</td>
<td>130,000</td>
<td>6-9 pm</td>
<td>45 Days</td>
<td>Production Management Diploma</td>
</tr>
<tr>
<td>8</td>
<td>SAP Plant Maintenance</td>
<td>Functional (with Project Implementation)</td>
<td>130,000</td>
<td>6-9 pm</td>
<td>40 Days</td>
<td>Plant Maintenance Diploma</td>
</tr>
<tr>
<td>9</td>
<td>SAP Quality Management</td>
<td>Functional (with Project Implementation)</td>
<td>130,000</td>
<td>6-9 pm</td>
<td>40 Days</td>
<td>Quality Management Diploma</td>
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<tr>
<td>10</td>
<td>SAP Client Relationship Mgmnt.</td>
<td>Functional (with Project Implementation)</td>
<td>135,000</td>
<td>6-9 pm</td>
<td>35 Days</td>
<td>MBA Sales Mktng / Brand Management</td>
</tr>
<tr>
<td>11</td>
<td>SAP Basis User Admin. Net weaver</td>
<td>Technical (with Project Implementation)</td>
<td>135,000</td>
<td>3-6 &amp; 6-9 pm</td>
<td>60 Days</td>
<td>MS.c /BS.c Computer Science</td>
</tr>
<tr>
<td>12</td>
<td>SAP ABAP (Advance Programming)</td>
<td>Technical (with Project Implementation)</td>
<td>135,000</td>
<td>6-9 pm</td>
<td>60 Days</td>
<td>MS.c /Bs.c Computer Science</td>
</tr>
<tr>
<td>13</td>
<td>SAP Business Intelligence/BO</td>
<td>Technical (with Project Implementation)</td>
<td>135,000</td>
<td>6-9 pm</td>
<td>60 Days</td>
<td>MS.c /Bs.c Computer Science</td>
</tr>
<tr>
<td>14</td>
<td>SAP HANA (Advance Tool)</td>
<td>Technical (with Project Implementation)</td>
<td>175,000</td>
<td>Online - Skype</td>
<td>45 Days</td>
<td>SAP Basis / BIW Certified</td>
</tr>
<tr>
<td>No</td>
<td>Module’s Name (Foundation Level Program)</td>
<td>Academy Fee PKR</td>
<td>Time 02 Days Session</td>
<td>Course Duration</td>
<td>Eligibility with 2 years Large Co. Experience</td>
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<tr>
<td>1</td>
<td>SAP Human Capital Management</td>
<td>8,500</td>
<td>6-9 pm</td>
<td>02 Days</td>
<td>MBA HR / HR Diploma Professionals</td>
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</tr>
<tr>
<td>2</td>
<td>SAP Financial Accounting</td>
<td>8,500</td>
<td>3-6 &amp; 6-9pm</td>
<td>02 Days</td>
<td>MBA/ ACCA/ CIMA/ B.com/M. Com</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>SAP Controlling</td>
<td>8,500</td>
<td>6-9 pm</td>
<td>02 Days</td>
<td>MBA/ ACCA/ CIMA/ B.com/M. Com</td>
<td></td>
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<tr>
<td>4</td>
<td>SAP Warehouse Management</td>
<td>8,500</td>
<td>6-9 pm</td>
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<td>5</td>
<td>SAP Material Management</td>
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<td>6-9 pm</td>
<td>02 Days</td>
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<tr>
<td></td>
<td><strong>Functional</strong></td>
<td></td>
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<tr>
<td>1</td>
<td>SAP Basis User Admin. Net weaver</td>
<td>9,000</td>
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<td>13</td>
<td>SAP HANA (Advance Tool)</td>
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<td>02 Days</td>
<td>MS.c /Bs.c Computer Science</td>
<td></td>
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<tr>
<td>15</td>
<td>Customized Academy (Any module)</td>
<td>65,000</td>
<td>6-9 pm</td>
<td>25 Days</td>
<td>Basic Business functions knowledge</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Technical</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>SAP IDES Acess installation for 5 years</td>
<td>12,000</td>
<td></td>
<td></td>
<td>Rerd. Core i5 - 6GB Ram - 500 GB HDD</td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>SAP Book Set</td>
<td>3,000</td>
<td></td>
<td></td>
<td>Required 2 GB USB</td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>SAP Software remote access</td>
<td>7,000</td>
<td>Per month</td>
<td></td>
<td>Any laptop/desktop Configuration</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>SAP Business One Redular Training</td>
<td>65,000</td>
<td>6-9 pm</td>
<td>10 days</td>
<td>MBA/ ACCA/ CIMA/ B.com/M. Com</td>
<td></td>
</tr>
<tr>
<td>21</td>
<td>Academy Exam Test Only - 50 MCQ’s</td>
<td>2,000</td>
<td>3 Hours</td>
<td>Any decided Day</td>
<td>SAP Academy attendance certificate</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Add On Programs</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>22</td>
<td>SAP Diploma (Any Module) Per month</td>
<td>33,000</td>
<td>6-9 pm</td>
<td>3 Months</td>
<td>Basic Business functions knowledge</td>
<td></td>
</tr>
<tr>
<td>23</td>
<td>SAP Solution Implementation Certificate</td>
<td>28,000</td>
<td>6-9 pm</td>
<td>7 Days</td>
<td>SAP basic configuration knowledge</td>
<td></td>
</tr>
</tbody>
</table>
SAP Admission & Training Terms Condition’s: (For Foundation & Expert Levels )
1. Student’s/Participant must filled attached SAP Admission Form & submit at sap@seekersintl.com
2. Classes will pursue 03 days a Week 3-6 & 6-9pm Time period Live Or Online (Skype)
3. All Module’s Course Contents at web visit please: www.seekersintl.com – Each module duration 180-200 hours for expert level. (Two Months Aprox. due to city insecurity)
4. Once fee has received in our account or cash, there are no refunds or cancellation, weather student attend or not, all sales are Final. However any serious issue, In case of return, we’ll deduct 30% of total submited fee as an penalty charges.
5. It is ensure that we have 56 SAP Certified Trainers with 6-8 years of industry implementations full life cycle experiences.
6. SAP Latest Original Books/manual’s & Last year dump test papers will be provided by academy upon admission.
7. Student bring own lap top in 2nd / 3rd session only to Install SAP software logon pad to for home practice for 90 days. If required further will be charge PKR 7,000/= per month as an sap server access rent.
8. No Leave/Excuse & Late in class will be permitted in any Session’s. It may effect on your final certification Exam or academy certificate.
9. You will be received SMS before 05 hours of any Session Start. (In case of Karachi city insecurity or Electricity failure reason’s)
10. You may give SAP Final exam Karachi or any country e.g Dubai/Malaysia/Singapore at SAP Test Centers. Test conducts every quarter in amount of USD 600.
11. In case of 3 regular leaves without email/SMS information, Enrollment shall be dismiss without any discussion.

SAP Education Benefits?
12. We 100% responsible to provide UAE/Pakistan high paid job only to SAP certified academy students. As we’d already placed 950 applicants.
13. Quarterly we published our SAP Students Alumni Directory to all SAP global sources for your job or project implementation. Below mention companies using SAP software in Pakistan.
14. Our Academy Certificate will be provided you within next 10 days of time period by courier, after balance dues & test clearance.

Fee Process: You may visit to any nearest branch of Habib Metro Bank and do process online cash / Cheque /bank draft Transfer of invoice fee PKR: xxx,xxx/= Fee in account No. 153205 - M/s: SEEKERS INTERNATIONAL - Habib Metro Clifton – Karachi Branch PAKISTAN.

Eligibility Criteria?
15. For Regular & Full Certification students must get admission in SAP Foundation Level prior, must be knowlege of SAP Road map, business process foundations.

<< TERMS AND CONDITIONS FOR THE PROVISION OF PUBLIC SCHEDULED COURSES AND CERTIFICATION SERVICES >>

Please call/SMS/visit personally at +92 300 7069187 at our office between 10:00 - 8pm, We look forward to you soon.

Asad N. Sheikh
Head of SAP Education Consultant - Cell: +92 300 706 9187 (10-8 pm)
ORGANIZATIONS’ IN PAKISTAN HAS IMPLEMENTED SAP SOLUTIONS R/3 & B1: It’s no secret that businesses, midsize & large companies have unique needs. That’s why SAP offers solutions tailored to these segments of the market, CHOOSE YOUR COMPANY WHERE YOU WANT TO GO?..............
Frequently Ask Questions for Students:

Q1- Who are SAP Consultants?
SAP training is open to many kinds of professionals, from those employed by customers (usually in Customer Competence Center) to self-employed individuals who offer their services on the open market as qualified, certified SAP consultants.

Consultant Certification - Certification is often the end result of participating in an SAP Solution Live class Learning followed by clearance of certification examination. Certification helps SAP customers to identify and select qualified consultants. Certification may also be obtained through alternative learning paths.

The SAP Education full academy course ends with a certification examination where your acquired skills of SAP are tested and evaluated by SAP. Certification is a kind of benchmark to enter the SAP industry.

Q2- How does On-line Training work?
On Skype Video with system access, we provide SAP Server connectivity with remote SAP software access to each Individual 24x7 upon fee submission for required module. Manual/ books will be provided in USB or CD by courier. Courier charges will charge additionally.

Q3- What is SAP Certification program?
In the business world, SAP certification is most valuable in establishing your credentials. Those who hold it have honed their skills through rigorous study or direct experience. They have demonstrated their abilities by passing demanding, process-oriented exams. Regardless of whether you are an SAP partner, customer, or user, SAP certification can give you a distinct competitive advantage. One you'll be certified No one will ask you where from you get trainer. You can give certification test from any where in the world SAP Test Centre.

Q4- Why SAP R/3 Application consultant certification is required?
SAP offers consultants the opportunity to obtain recognition of their SAP System knowledge by taking a Certification Test. The certificate provides assurance that the consultant has passed the SAP Project know-how test. Its an requirement not mandatory, This is only required to successfully implement SAP for customers. Certified SAP consultants are integrated in a tightly knit information network with SAP, yielding greater quality and more up-to-date knowledge to benefit customers.

Q5- Do your instructors have SAP project implementation experience?
Sure 100%, Our SAP Education Program has a team of professionally trained and certified senior consultants, who impart training with 4-6 industry implementation experts. Our instructors offer a dynamic combination of specific hands-on industry experience, technology expertise and strong project management skills. Most of our instructors have an average of 8 years of SAP experience and have been involved in various SAP full cycle implementations for different industries.

Q6: I am working at my job full time 9-6 pm. How can I attend your session?
Naturally, It's happened with all, we only conduct SAP classes evening 7-10 pm classes which also on included make Over Class, set your availability time according to our SAP class, We will be happy to provide the information upon request.
Q7: Can I register for more than one module at a time?
Yes, you can choose (2) two modules at a time but speed up too, however, One certification is enough to you.

Q8- Can I take-up only the certification Examination?
Yes Sure, Email us course code we will refer you to SAP for examination fee is USD 600 or 700. sap@seekersintl.com

Q9: Does SAP provide job placements after successful completion of training?
Yes its depend upon you final mark sheet %, SAP does not take any guarantee of placements but inform candidates about the opportunities available in companies & large groups who have a requirement for SAP certified consultants. We are providing 100% placement assistance for qualified candidates. SAP conduct job fairs exclusively for SAP Certified professionals. Today more then 300 blue chip Multinational's using SAP in Pakistan.

Q10- What are the pre-requisites for Test Certification?
Only two years sap experience (If possible), Resume stating your sap experience & recommendation letter from your employed company with SAP academy certificate, endorsed by your project manager. The SAP manager will verify the information and confirm your certification registration if you have the necessary prerequisites and work experience.

Q11- How does SAP Training help one in Jobs Searching?
100 % global job/project assurance for certified, SAP Training develops skills and experience in the practical management and application of ERP (SAP) technology. SAP training helps you maximize and accelerate the return on your investment in SAP solutions and gain the competitive advantage from your SAP solutions. We have SAP Recruitment division in Middle east & Pakistan to help only SAP certified job placement. visit www.seekersintl.com

Q12- What are the pre-requisites for attending SAP Training?
SAP Solution training are intensive in nature. Minimum required qualification is graduation & domain industry experience & should be good in English. Those who don’t have a degree must have 2-5 years of domain experience to undertake the training. Keep in mind your English listening & speaking should be very excellent.

Q13 - What will be the Hardware & Software requirements?
Only one laptop with any configuration, We'll give you 24 x 7 on-line SAP software access. So you can access for practice at your home or any where. No any specification requirement, but internet should be there.

14- When SAP classes will be start From?
It has been published at our web pages www.seekersintl.com every week, for admission contact to our SAP Center at sap@seekersintl.com.

Q15 – I have No knowledge and experience in SAP but would like to take up SAP course. What are the recommended course?
Beginners are encouraged to take up SAP basic overview 101 two days training of SAP which is launched every week Sat /Sunday 05 hours session. There are overview classes which are relevant to beginners about SAP Education Road Map.
Q16- I'm Living Out of Station How I’ll get the admission and proceed the class?
Once your admission procedure has completed, You can sit in our on line class according to announced timings.

Q17 - What would be the examination/certification charges; are these included in the package or not?
The SAP Examination Fee is USD 600-700 in SAP Dubai MENA or SAP VUE test centers.(We prefer to visit a day for Dubai, we will book your SAP Exam after preparation).

Q18- How I'll pay your fee?
Down load our SAP registration Form from our web SAP page link or request us by email, Fill it & reply by email to SAP Education Manager with your total Fee in Pak Rupees cheque/Pay Order at our web mention SAP Training Academy address, or visit at academy, Proper receipt will be provided to you upon payment confirmation.

Q19- I'm an IT professional, how much salary the companies will offer me as I'm supposed to be fresh in SAP?
Once you had certified, Required one year SAP Associate Consultant experience then You should get US$ 2-3000/= salary per month in UAE or KSA & other countries.

Q20- I'm not an IT professional how i do this?
Its 100% only business software for global source /business for professional, Information technology not process in functional modules.

Q21- If I become certified, will you assist me to find job opportunities?
Yes happily our company has two global divisions SAP Recruitment, we had already provided jobs to more then 950 in Pakistan & UAE, references will be provided upon request.

Q22- We are group like 2 to 4 person’s so will there be any discount package for us?
Yes, 20% discount available till group nominations, You are welcome with all but due to maintain quality standard of SAP education we cant give more.

Q23- Is this be registered/authorized or certificate will be issued to participants so they can present to SAP while doing certification by Seekers International?
Yes, However, For SAP Education no needs to get any authorization letter from any institute/center or it self SAP Authorities for SAP Instructor led Education. But Yes it is required for SAP implementation for SAP Partner.

Q24-What is the format of the SAP Examination?
At SAP Test Center, The certification exam for core any module consists of 80 questions, in 3 hours (180 Min). The numbers of questions/duration may vary for advanced (professional) area. The questions are objective in nature. These examinations are release specific and reflect the actual tasks of an SAP consultant. The exams are standardized worldwide and carried out under the supervision of SAP.
SAP SALARY & DEMAND ANALYSIS:

SAP DEMAND WORLDWIDE

SAP SALARY

SAP DEMAND WORLDWIDE

SAP SALARY
SAP Projects Implementation Opportunities

To compete in today’s global marketplace, organizations are increasingly using programs and projects to implement business strategies and realize organizational goals. Our project management methodology helps you through every aspect of implementing your project, from initial planning, organizing, and staffing to directing, controlling, and establishing continuous improvement. With SAP Project Management, you gain the following benefits:

1. Lower implementation costs and reduced total cost of ownership
2. Reduced risk, because SAP takes responsibility for successful delivery of its solutions
3. Realization of value not yet implemented through renewal of existing SAP installations
4. Rapid delivery of key benefits and faster time to value
5. Value Added Services of the applicant resume
6. Permanent Job in below Project companies

We offering following types of projects for implementation programs in multinational groups.

A- SAP EDUCATION PROJECTS FOR STUDENTS:
   Academy Students (Foundation / Non Certified)
   Live or Online Project on every Friday, Sat & Sunday 7-9pm
   Project Duration: One Month
   Fee: 100 USD additionally charge with Training Fee
   Start from: 22nd Aug to 25th Nov 2014
   Support System By: Consulting Company

B- SAP PROJECTS FOR PROFESSIONAL:
   Non-Academy Students (Only Expert Level)
   Remote Online Project on every Friday, Sat & Sunday 7-9pm
   Project Duration: 3 Months
   Start from: 20th Aug to 25th Nov 2014
   Support System: ECC 6.0 EH5 provided by consulting company
   Fee: Upon Project Execution
   1. Business Blue prints will be provided upon selection of application/module with fee submission.
   2. Agreement Fee Submission Upon Project Business Blue Prints delivery.
   4. Remote Project will be put forward in writing PDF format along with navigation path.
   5. If interested in Project may add us on Skype for further project discussion or Business blue prints.
   6. SAP Project Implementation Certificate will be provided within next 10 working days by Seekers International SAP Support Consultants
   7. Applicant may choose 1 minimum or 3 maximum project during 3 months.
   8. Project Fee shall be transferred in a bank before the start date of the project. Any question related to project/company detail may send an email at: project@seekersintl.com
"This introductory course is designed for SAP beginners and it will teach you the basics of the SAP system how its work?. This simulation course is a must for anyone wanting to learn about SAP"

Course Goals:
1- Prepare you to make informed business & education decisions that are founded on a conceptual understanding of SAP’s business solutions
Bring your SAP product knowledge to a baseline/Foundation level that will enable you to effectively participate in a level two and level three
2- Log on and navigate a basic path within SAP's business applications
3- Outline the SAP strategy and its key components Explain the system-wide concepts that are common to the SAP business applications
Summarize the primary functionality and business processes affiliated with each SAP business application. Describe the technology that supports the business applications.

Contents:
1- SAP Applications Introduction Overview ERP
2- SAP and its R/3 architecture
3- SAP History & Concept?
4- SAP Certification Road map
5- Business Suits & SME product?
6- Global Job Certification Benefits?
7- General QA’s Public Session- 30 min.
8- SAP Logon & How acess System?
9 - SAP Web & colude Interfacing
10 - Business Applications Integration
11 – System Lanscape
12- Learn how to Implement SAP Project in companies
13- Module’s Component
14 – Implementation Process  Overview
14 - Work with master data
15 - SAP Foundation Test – 50 MCQs Passining: 60%

SAP ALL Modules To be Covered in 2 days day session:
SAP HR, Finance controlling

Prerequisite: Basic Business Functions deep concept with at least two years larg compny experience.
ACCOUNT RECEIVABLE
Customer group (SD and FI/CO customers)
No. ranges for customers accounts
Customer master records
Down Payment Received
Dunning
Cash discount (CIN version)
Bills of exchange
Treasury management

ASSET ACCOUNTING
Chart of depreciation
Account determination
Screen layout
Asset classes
Integration with FI
Depreciation methods
Depreciation keys
Asset master
Sub Asset Master
Asset report
Depreciation run
Sale of asset
Transfer of asset
Scraping of asset
Capital work in progress

CONTROLLING
Controlling area
No. of ranges for controlling documents
Versions
Cost element accounting (manual, automatic)
Cost Center Accounting
Re-post line items, re-post of cost
Actual overhead assessment
Planning cost center and cost element
Budgeting

INTERNAL ORDER
Order type
Order, Statistical Key Figure
Planning internal order wise
View internal order wise report

ACCOUNT RECEIVABLE
Customer group (SD and FI/CO customers)
No. ranges for customers accounts
Customer master records
Down Payment Received
Dunning
Cash discount (CIN version)
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Treasury management

ASSET ACCOUNTING
Chart of depreciation
Account determination
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Asset master
Sub Asset Master
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Depreciation run
Sale of asset
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CONTROLLING
Controlling area
No. of ranges for controlling documents
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Cost element accounting (manual, automatic)
Cost Center Accounting
Re-post line items, re-post of cost
Actual overhead assessment
Planning cost center and cost element
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INTERNAL ORDER
Order type
Order, Statistical Key Figure
Planning internal order wise
View internal order wise report
SAP FINANCIAL ACCOUNTING ACADEMY
DURATION: 45 DAYS
FEE: PKR 95,000/=  
Expert Level

PROFITABILITY ACCOUNTING (PCA)
Controlling settings
Dummy profit center actual data
Profit center assignment of revenue elements
Choose account, creation of cost object
Planning profit and loss items
Planning balance sheet items

PROFITABILITY ANALYSIS (CO-PA)
Operation concern
Profitability segments
Assignment of controlling area to operating
Activate profitability analysis
Mapping of conditions to coop values
Drill down report
Report painter

PRODUCT COSTING
Creation of secondary cost element
Active type
Price calculation
Work center
Overhead keys
Routing
Cost sheet variant
Cost estimate with quantity structure
Cost estimate without quantity structure
Marking and Releasing
Work in Progress

INTEGRATION
Procurement cycle
Integration with MM
Sales process integration with SD
Integration with asset accounting
Integration with controlling
Integration with PP

REPORTS
Financial statement version
GL reports
Accounts payable reports
Accounts receivable reports
Assets
Cash book reports

Eligibility for SAP FI Training:
Graduation/Masters in Financial Accounting (or), Masters in Business Administration (MBA) Who has work experience of minimum two years as a Financial Executive in any Financial Sector's (or) Any Industry related to finance Who has work experience as Finance Accounting and worked as end user in SAP.

Suitable for Professionals:
B.com, ACCA, CPA, Chartered Accountants, Accountants, Financial Analyst, Finance Managers, Financial Controller Cost

SAP CONTROLLING ACADEMY
DURATION: 45 DAYS
FEE: PKR 95,000/=  
Expert Level

Set Controlling Area
Statistical Key Figures - Maintenance
Maintain Enterprise Organization
Cross-Application Day-to-Day Activities
Maintain Period Lock
Schedule Manager - Maintenance
Maintaining The Reconciliation Ledger
Display Accounting Documents (Authorization)
Overhead Cost Controlling (CO-OM)
Processing Internal Service Requests
Displaying Overhead Costs For Master Data
Cost Center Maintenance
Maintaining Primary Cost Elements
Maintaining Secondary Cost Elements
Maintaining Business Processes And Activity Types
Maintaining Cost Center Budgets
Periodic Planning - Cost Centers
Planning Cost Centers/Activity Types And Business Processes
Overall Planning For Internal Orders - Maintenance
Periodic Planning - Internal Orders
Internal Order Budgets - Maintenance
Planned Interest Calculation For Internal Orders - Maintenance
Routine Work: Activity Accounting
Cost Center Closing - Exclusive Activities/Processes.
Period-End Closing For Internal Orders – Single Costing Models
Sales Orders: Order BOM Costing
Actual Costing: Settings
Material Price Analysis
Profitability Analysis (COPA)
Defining Profitability Reports
SAP (HR) / HUMAN CAPITAL MANAGEMENT
DURATION: 60 DAYS
FEE: PKR 1,30,000/= 
Expert Level

Contents:

1- HRM Introduction:
   a. SAP and its architecture
   b. SAP Human Capital Management (HR) and its areas

2. Overview:
   a. Employee Information
   b. Training and Events
   c. Personnel Development
   d. Hands On : Matching Profiles

3 Employee Benefits and Cost Management:
   a. Benefits
   b. Hands On: Processing an enrollment
   c. Personnel Cost Planning
   d. Compensation Management

4. Time Management, Payroll and Travel:
   a. Time Management
   b. Payroll
   c. Hands On: Running a payroll
   d. Travel Management

5. Information Display and Reporting:
   a. Human Resources Reports

6. Organization Management:
   a. designing Organization Structure
   b. Organization Units, Positions, Jobs, Tasks, Reporting structure
   c. General Structures

7. Configuring an Organizational Structure:
   i. Structure Maintenance

8. Configuring Positions:
   a. Configure Positions

9. Executing a Personnel Action:
   a. Hire an Employee
   b. Make changes to Employee Master Data

10 -Understanding Planned Working Time Connection to Basic Pay:

11 - Defining Pay scale Structures

12 - Defining Wage Types

13: Infotypes
a-Infotype Attributes
b- Customizing the User Interfaces
c- Headers 20 Minutes
d - Infotype Menus

14- HCM TIPS
A- Changing Work Rule
B- Date Types
C. Kronos Information

Final Academy Test 80 MCQ's
Passing Rate: 60%

Eligibility for SAP HCM Training:
Graduation/Masters in HR (or), Masters in Business Administration (MBA)
Who has work experience of minimum 4 years as HR Officer/ Manager in
any Sector's (or) Any large Industry related to HR/Administration or SAP
HCM End / power User . Deep knowlede of SAP HCM Foundation.

Suitable for Professionals:
MBA/BBA HR, Manager HR, Officer HR, Payroll & Recruitment Officer,
Employee Relation, Compensation Benefit & Recruitment officers.
Logistics Area
Section 1: SAP Overview
Unit Co-operative Business Scenarios
Unit Navigation
Unit System-wide Concepts
Unit Enterprise Structure
Processes in Procurement

Section 2: Processes in Procurement
Unit Basics of Procurement Process
Unit Master Data
Unit Procurement of Stock Material
Unit Procurement of Consumable Material
Unit Procurement of External Services
Unit Reporting in MM

Section 3: Materials Planning
Unit Basics
Unit Planning Run
Unit Lot-Size Calculation
Unit Reorder Point Planning and Planning Evaluation

Section 4: Purchasing Details & Optimization
Unit Introduction to Purchasing Details
Unit Outline Agreements
Unit Source Determination
Unit Optimized Purchasing

Section 5: Inventory Management / Physical Inventory
Purchasing Details & Optimization
Unit Inventory Management: Overview
Unit Goods Receipts
Unit Reservations and Goods Issues
Unit Stock Transfers and Transfer Postings

Unit Consignment
Unit Subcontracting
Unit Physical Inventory Management
Unit Cycle Counting
Unit Inventory Sampling

Section 6: Valuation & Account Determination
Unit Introduction to Material Valuation
Unit Valuation and Account Assignment
Unit Material Price Changes
Unit Special Inventory Management Features

Section 7: Invoice Verification
Unit Basic Invoice Verification Procedure
Unit Taxes, Cash Discounts, and Foreign Currency
Unit Variances and Blocking Reasons
Unit Invoice Reduction
Unit Variances without Reference to an Item
Unit Invoices for POs with Account Assignment
Unit Delivery Costs
Unit Subsequent Debits/Credits
Unit Credit Memos and Reversals
Unit Invoice Verification in the Background
Unit ERS and Invoicing Plans
Unit Releasing Blocked Invoices
Unit GR/IR Account Maintenance
Unit Conventional Invoice Verification
Unit Customizing for Invoice Verification

Section 8: Classification & Related Areas in MM Unit
Classification
Unit Document Release (Approval) Procedure
Unit Batch Management

Section 10: Cross-Functional Customizing
Unit Global Settings
Unit MM Organizational Levels: Business Scenario
Unit Master Data in Materials Management
Unit Purchasing
Unit Pricing
Unit Inventory Management
FINAL TEST BY ACADEMY

Suitable for Professionals:
Graduates, Merchandisers, Logistics or plant Area Executives, Procurement, Supply Chain, Material Managers/Officers
Order Fulfillment I

Unit 1: Navigation
Unit 2: Enterprise Structures in Sales and Distribution
Unit 3: Overview of Sales Processes
Unit 4: Master Data in Sales and Distribution
Unit 5: Sales and Distribution Processes – Data Determination and Collective Processing.
Unit 6: Availability Check
Unit 7: Make-To-Order
Unit 8: Complaints Processing
Unit 9: Analyses for Sales and Distribution Processes
Unit 10: Enterprise Structures in Sales and Distribution
Unit 11: Sales Order Processing
Unit 12: Controlling Sales Documents
Unit 13: Data Flow
Unit 14: Special business transactions
Unit 15: Incompleteness
Unit 16: Business partner
Unit 17: Outline agreements
Unit 18: Material Determination, Listing and Exclusion
Unit 19: Free goods
Unit 20: Sales Workshop
Unit 21: Overview of the Delivery Process
Unit 22: Basic Customizing Settings for the Delivery Process
Unit 23: Goods Issue Process
Unit 24: Special Functions for Processing Deliveries
Unit 25: Packing
Unit 26: Goods Issue
Unit 27: Final Exercise
Unit 28: Appendix
Course Summary

Order Fulfillment II

Unit 1: Condition Technique in Pricing
Unit 2: Pricing Configuration
Unit 3: Working with Condition Records
Unit 4: Special Functions
Unit 5: Condition Types
Unit 6: Taxes, Pricing Agreements, and Rebates
Unit 7: Introduction
Unit 8: Basics
Unit 9: Controlling the Billing Process
Unit 10: Special Billing Types
Unit 11: Data Flow
Unit 12: Creating Billing Documents
Unit 13: Types of Settlements
Unit 14: Special Business Transactions
Unit 15: Account Determination
Unit 16: SD/FI Interface
Unit 17: Copying Control
Unit 18: Text Control
Unit 19: Output
Unit 20: System Modifications
Course Summary
FINAL TEST BY ACADEMY

Suitable for Professionals:
Graduates, Merchandisers, Supply Chain, Sales Distribution, Store Officers, Vendor Administrators, Business Managers,
SAP PRODUCTION PLANNING
DURATION: 40 DAYS
FEE: PKR 1,30,000/= 
Expert Level

1- PART I: Production Planning Core Concepts
Introduction

2-Orgainizational Structures in SAP ERP
3 Configuration Basics of Discrete Manufacturing
4 Configuration Basics of Process Manufacturing
5 - Configuration Basics of Repetitive Manufacturing
6 - Production Planning for Discrete Manufacturing
7 Production Planning for Process Industries
8 Production Planning for Repetitive Manufacturing
9 Sales and Operations Planning
10 SAP Demand Management
11 Material Requirements Planning
12 Long-Term Planning (LTP)
13 Special Procurement Types
14 Capacity Requirements Planning
15 Classification
16 Engineering Change Management
17 Co-Products and By-Products in Production Processes
18 Shift Notes and Shift Reports
19 Document Management System (DMS)
20 Digital Signature
21 Early Warning System
22 Reporting in SAP
23 Further Integration of Production Planning with Logistics Functions

Suitable for Professionals:
Graduates/Production Planers & supply chain professionals, Production managers.

SAP PLANT MAINTENANCE
DURATION: 35 DAYS
FEE: PKR 1,30,000/= 
Expert Level

1- Plant Maintenance and SAP: A Contradiction?
2- Organizational Structures
3- Structuring of Technical Systems
4- Business Processes
5- Integrating Applications from Other Departments
6- Plant Maintenance Controlling
7- New Information Technologies in Plant Maintenance
8- SAP Projects in Plant Maintenance
9- Usability

Suitable for Professionals:
Graduates Plant / Production or factory managers.

SAP QUALITY MANAGEMENT
DURATION: 35 DAYS
FEE: PKR 1,30,000/= 
Expert Level

QA Overview
Quality organization
Development Requests
Planning
Product planning
Development
Creating releases
Development principles
SAP corporate culture
Basic goals
Product development phases
Planning
Specification
Design
Problem Handling and Maintenance
Product Development with Partners
Support Processes
Organization of QM documentation and quality records

Suitable for Professionals:
Graduates QA, / Plant / Production or Factory managers.
1.1 Key Concepts and Control Mechanisms in Customer Relationship Management

1.1.1 Customer Focus
1.1.2 Customer Satisfaction
1.1.3 Customer Retention
1.1.4 Customer Lifecycle
1.1.5 Control Mechanisms in CRM

1.2 Service Management as Part of CRM

1.2.1 Service and Service Management
1.2.2 Service Portfolio as a Differentiation Factor
1.2.3 Challenges in Service Management

1.3 Software Support for CRM

1.3.1 The Future Significance of CRM Solutions
1.3.2 Benefits to Companies of Integrated CRM system

1.4 Customer Relationship Management with SAP CRM

1.4.1 SAP CRM Roadmap
1.4.2 Overview of SAP CRM
1.5 Service Management with SAP CRM

1.5.1 Service Sales and Marketing
1.5.2 Service Contract Management
1.5.3 Installed Base Management
1.5.4 Customer Service and Support
1.5.5 Field Service Management
1.5.6 Depot Repair
1.5.7 Warranty and Claim Management
1.5.8 Service Parts Management

1.6 Service with SAP CRM or SAP ERP CS – a Comparison

1.6.1 Service Operations
1.6.2 Service Sales
1.6.3 Other Functions and Processes
1.6.4 Conclusion

1.7 Architecture of SAP CRM Systems

2.1 User Interface

2.1.1 UI Configuration Tool
2.1.2 Component Enhancement

2.2 Master Data and Basic Functions

2.2.1 Master Data
2.2.2 Basic Functions

2.3 Service Order Management

2.3.1 Process Flow
2.3.2 Service Quotations
2.3.3 Service Orders

2.4 Warranty Processing

2.5 Complaint Processing

2.5.1 Process Flow
2.5.2 Special Functions
2.5.3 Follow-Up Functions
2.5.4 Supported Scenarios
2.5.5 Communication Channels

2.6 Product Service Letters and Recalls

2.6.1 Product Updates
2.6.2 Recalls

2.7 Service Contracts

2.7.1 Process Flow
2.7.2 Functions in SAP CRM
2.7.3 Functions Available Through Integration With Other SAP Components

2.8 Service Resource Planning

2.8.1 Process Flow
2.8.2 Functions

2.9 Mobile Service

2.9.1 Organizational Support
2.9.2 Service Order Processing
2.9.3 Service Support Functions

SAP Business Communication Management

2.10.1 Overview and Functionality
2.10.2 Interaction Center

2.10.3 Softphone
2.10.4 User Administration
2.10.5 Routing Management
2.10.6 Organizational Tools
2.10.7 System Administration
2.10.8 Monitoring and Analysis
3.1 Basis Customizing
3.1.1 Organizational Plan
3.1.2 User Role
3.1.3 Customer
3.1.4 Product
3.2 Service Order Management
3.2.1 Process Display
3.2.2 Customizing in the System
3.3 Service and Repairs Processing (In-House)
3.3.1 Process Display
3.3.2 Customizing in the System
3.4 Service and Repairs Processing (Field Service)
3.4.1 Process Display
3.4.2 Customizing in the System
3.5 Reactive Complaints Management
3.5.1 Process Display
3.5.2 Customizing in the System
3.5.3 Intelligent Solution Database
3.6 Proactive Complaints Management
3.6.1 Process Display
3.6.2 Customizing in the System
3.7 Service Case Management
3.7.1 Process Display
3.7.2 Customizing in the System
3.8 Service Resource Planning
3.8.1 Process Display
3.8.2 Customizing in the System
3.9 Service Contract Management
3.9.1 Process Display
3.9.2 Customizing in the System
3.10 Warranty Management
3.10.1 Process Display
3.10.2 Customizing in the System

SAP CRM – CUSTOMER RELATIONSHIP MANAGEMENT
DURATION: 35 DAYS
FEE: PKR 1,35,000/= Expert Level

4- Introduction to 3 Service with SAP CRM
4.1 General Success Factors
4.2 Critical Success Factor – Procedure Model
4.3 Critical Success Factor – Change Management
4.3.1 Introduction to Change Management
4.3.2 Reasons for Change Management
4.3.3 Ideal Change Management Procedure Model
4.4 Critical Success Factor – Data Quality
4.4.1 Duplicate Handling in the Standard SAP System
4.4.2 Integrating Address Management Software into SAP Systems
4.4.3 Data Quality Activities in the CRM Project
4.5 Critical Success Factor – Test Strategy
4.5.1 Test Model
4.5.2 Test Phases
4.5.3 Test Preparation
4.5.4 Test Implementation

5 Example from the Automotive Industry
5.1 Fundamentals of the Automotive Industry
5.2 Customer Interaction Center
5.2.1 Overview
5.2.2 Functional Areas
5.3 Complaints Management
5.3.1 Customer Case/Task in Complaints Management
5.3.2 Creating a Case/Task
5.3.3 Processing a Case/Task
5.3.4 Closing a Case/Task
5.3.5 Proactive Complaints Management
5.4 Recall Management
5.4.1 Preparing for a Recall
5.4.2 Conducting a Recall
5.4.3 Recall Reports

Suitable for Professionals: CRM professionals, Call centre & brand /marketing /brand managers or professionals
Technical Modules

SAP BASIS – SECURITY ADMINISTRATION
DURATION: 55 DAYS
FEE: PKR 1,35,000/= Expert Level

1. INTRODUCTION TO ERP & Introduction to SAP R/3 ARCHITECTURE
Central System
Distributed Presentation
2-Tier Configuration

3. SYSTEM LANDSCAPE AND FLOW
Single System Landscape
Two System Landscape
Three System Landscape
Multi System Landscape

4. INSTALLATION OF SAP
Installation Concepts on Windows & UNIX and Quick Sizing
Naming Convention, Software Kit, SAP Licensing
Installation Procedure – Windows Application Server for UNIX SAP System
R/3 Directory Structure, Kernel

5. GUI ADMINISTRATOR
Optimization
Security

6. OPERATION MODES
Manual Switching of OP Modes
Exceptional Mode
Monitoring

7. PROFILE MAINTENANCE & PARAMETER SETTING
System Profile
Transport Profile
Client Profile
Authorization Profile

8. USER ADMINISTRATION
Creating and Maintaining Master Records, Architecture
Logon and Password Security, Protecting Special Users
Creating and Maintaining Single and Mass Users and User Groups
Copying, Deleting, Locking/Unlocking Users
Explanation of Terms Object Class, Authorization Object,
Authorization, Profile
Create/Maintaining Authorization/Profile Manually
Create/Maintaining Roles/Generating Profiles by using PFCG

9. CLIENT ADMINISTRATION
Client Maintenance
Copying Client within R/3 System (Local)
Copying client between R/3 Systems (Remote)
Export/Import
Protecting Client
Monitoring and Verifying a Client Copy
Deleting Client

10. TRANSPORT MANAGEMENT SYSTEM
TMS Terminology and Concepts
Configuring TMS and Checking Transport Directory
Configuring Transport Domain, Domain Controller and Group
Configuring Virtual SAP System and Displaying Configuration
Including SAP systems in the Transport Domain
Creating Consolidation and Delivery Routes
Maintaining SAP Systems without Common Transport Directory
Configuring External Systems
Locking and Unlocking TMS for a SAP System
Deleting SAP System from the Transport Domain
Deleting TMS Configuration

11. CHANGE AND TRANSPORT SYSTEM
Releasing and Transporting Change Request and Tasks
Customizing, Workbench, Transport Organizer
Importing Change Requests
12. SPOOL ADMINISTRATION
Print related Terminology in OS/SAP Level
Setting Local, Remote and Front-End Printing
Logical and Real Spool Server
Managing Spool Requests using Output Controller
Connecting Output Devices to Window System
SAPLPD, TemSE, Authorization

13. PATCH AND KERNEL ADMINISTRATION
Checking the Patch, Spam, Kernel Levels
Downloading Installing Patches, Kernel
Applying at OS Level, SAPNET, Front-End

14. CCMS
CCMS Monitors
Alert Monitors
Analyzing Alerts and Performance Tuning

15. BACKGROUND PROCESSING
Background Dialogs Concept
Defining Jobs, Analyzing Jobs, Maintenance Jobs

16. DISTRIBUTED R/3 SYSTEM
Creating Regular Instance
Creating Logon Groups for Load Balancing

17. OSS AND SNOTE CONCEPTS
How to Use for Different Purposes
Manually Applying OSS note on SAP Standard Program

18. SAP ROUTER
Installation of SAP Router
Creating Route Permission Table
Setting Route String Entry for SAP Router
Using Various Administrative Options

19. DATABASE MANAGEMENT
Introduction to Oracle
Oracle Architecture
Introduction to SAPDBA
Creating Tables and Table Space Adjustment
Database Backup, Restore and Recovery

20. PERFORMANCE TUNING
OS, H/W Performance Considerations
Memory, Management
R/3 Buffers, Page Buffers, Extended and Heap Memory, PRIV Mode

21. SYSTEM MONITORING
Daily, Weekly, Monthly Tasks

22. SAP IMPLEMENTATION STRATEGY

23. CONNECTIVITY BETWEEN R/3 AND BW
BW Architecture
Defining and Assigning Logical Systems
Workbench Administration

Suitable for Professionals:
# SAP ABAP – ADVANCE BUSINESS APPLICATION PROGRAMING

**DURATION:** 55 DAYS  
**FEE:** PKR 1,35,000/=  
**Expert Level**

## 1 - Introduction to SAP
- Introduction to ERP
- Overview of SAP
- SAP modules at a Glance

## 2 - ABAP Data Types
- Character
- Integer
- Numeric Character
- Floating Point
- Packed Decimals
- Time
- Date, Strings

## 3 - Loops & Branches
- Do, Do n times, While
- If, If Else, if Ladder, Case
- Small Programs
- Factorial program
- Indentation
- Code Inspector
- Extended Program Check

## 4 - Structures & Internal Tables
- Overview of Structures
- Similar Structures creation
- Different Structures
- Different structures with Extra Fields
- Overview of Internal Tables
- Similar Internal tables creation
- Different Internal tables
- Different Internal tables with Extra Fields
- Modify Operation on Internal Table
- Delete Operation on Internal Tables
- Sorting Of internal tables (Sort)

## 5 - Landscape & SAP R/3 Architecture
- Landscape Model
- Overview of R/3

## 6 - Normalization & Select Statements
- Overview of Normalization
- Select Statements
- Logical operators
- Select Single & Up to 1 rows
- Nested Select queries
- For all Entries
- Join Statements
- Inner join & Left Outer Join

## 7 - Modularization Techniques
- Overview of Modularization
- Macros
- Includes
- Subroutines
- Function Modules

## 8 - Selection Screen Design
- Overview of Selection Screen
- Selection Screen elements

## 9 - Basic Report
- Overview of Report
- Report with out events
- Report with events (Classical report)
- Interactive Report
- Menu Design
- Message class Creation
- Text messages creation
- Hide Technique
- Get Cursor Technique
- Read Line Statement
- At Events (control Events)
- Variant Creation
- Transaction Code Creation
- End User access
10 - BDC (Batch Data Communication)
Over view of BDC
GUI Up load
GUI Down load
Data sets
BDC Programming
Call Transaction
Session Methods
11 - Data Dictionary
Creation of Data Base Table
Creation of Domains
Creation of Data types
Creation of Views
Creation of Structures
Creation of Type pools
Creation of Search Help
Creation of Lock objects
Creation of table maintenance
12 - Module Pools
Over view of Module pools
Creation of Create button
Creation of Display
Creation of Sub screens
Creation of Tab Strip
Creation of Table Control
Creation of Save button to update Data Base
13 - Sap Scripts
Over view of Scripts
Creation of Paragraphs
Creation of Character Formats
Creation of Pages
Creation of Windows
Creation of Page windows
Creation of Script program
User Exists Over view
Cross Applications
14 - RFC
Over view of CA
Creation of RFC
Fetching Data Using RFC
ARFC & TRFC
15 - ALV (ABAP List Viewer)
Over view of ALV
ALV List Display
ALV Grid Display
ALV Catalog Creation
16 - BAPI
Over View Of BAPI
Remote FM Creation
Creation of BOR
Creation of BAPI
Check The Status of BAPI
Super type Creation
17 - LSMW
Over view of LSMW
Creation of Project , Sub Project , Object Type
Creation of Batch Input Using Recording Mode
Steps To Create LSMW
18 - SMART FORMS
Over view of Smart Forms
Creation of Paragraphs(Styles)
Creation of Character Formats(Styles)
Creation of Pages
Creation of Windows
Creation of Page windows
Creation of table format
Creation of Smart Form program

Suitable for Professionals:
Business & System Analyst, Computer science graduates, IT Managers & Java & SQL or Oracle Programmers.
Introduction to Data Warehousing
Star Schema and Extended Star Schema
Info Area
Info Object Catalogs
Info Objects (Characteristics & Key Figures)
Application Component
Transfer Rules
Info Source
Update Rules
Info Package (All options)
Real Time Info Package
Transformations
Data Flow
Data Flow Template
New options in Info Package
New Options in Transformations
New Options in DTP
Insert Characteristic as Info Provider
Using Queries as InfoProviders*
Other

Data Transfer Process (DTP)
Error DTP
Direct Access DTP
Real Time DTP
Activation of Business Content Objects
Metadata Repository
Transportations
Open Hub Destination
Info Spoke
Aggregates
Compression
Reconstruction
Process Chains
Analysis Process Designer
Currency Translations
Daemon
Info Providers Types

7.0 Info Providers
Standard DSO
Direct Update DSO
Standard Info Cube, with data persistence in the BW system
Real-time Info Cube
Virtual Providers (Virtual Cubes)
InfoSet
Aggregation Level

7.3 - New Info Providers
Standard, SAP HANA-optimized DSO*
Semantically partitioned DSO
Standard, with data persistence in the BWA*
Standard, SAP HANA-optimized Info Cube*
Semantically partitioned Info Cube

Based on an SAP HANA Model*
Hybrid Provider Based on a DataStore object
Hybrid Provider Based on direct access

Composite Provider*

Other

Reporting
Bex Query Designer
Filter
Rows, Columns, Free characteristics
New Selection
New Formulas
Restricted key figure
Calculated Key figure
Exceptions and conditions
Structures
Cells
All Types of Variables
Offset Variables
Variable Processing Types
SAP BI/BO – BUSINESS OBJECTS

Report to Report Interface (RRI)
Customer Exits
BEx Analyzer
Web Application Designer
Different Types of Web Items
Web Templates
Support
Errors & Activities
Real Time
Business Examples
Real Time Scenarios
Interview Questions
Resume Points

FINAL TEST BY ACADEMY

Suitable for Professionals:
Business & System Analyst, IT Warehouse Managers, Computer science graduates, IT Managers & Officers, Software Engineers or IT Consultants.
## SAP HANA PLATFORM SPS 08 - ADMINISTRATION

**DURATION:** 40 DAYS  
**FEE:** PKR 1,75,000/=  
**Advance Level**

### 1.1 The SAP HANA Studio
1.1.1 Open the SAP HANA Administration Console  
1.1.2 Execute SQL Statements in the SAP HANA Studio  
1.1.3 Authorization for Administration Tasks  
1.1.4 SAP HANA Studio Preferences

### 2 System Administration
2.1 Managing SAP HANA Systems in the SAP HANA Studio
2.1.1 Systems View  
2.1.2 Add an SAP HANA System  
2.1.3 Add an SAP HANA System with a Different User  
2.1.4 Link a Centrally-Store Archive of SAP HANA Systems  
2.1.5 Log Off From/Log On To an SAP HANA System  
2.1.6 Disable Password Storage in Eclipse Secure Store  
2.1.7 Organize the Systems View Using Folders  
2.1.8 Search for SAP HANA Systems  
2.1.9 Export a List of SAP HANA Systems  
2.1.10 Import a List of SAP HANA Systems  
2.1.11 Disable Default Filtering of Schemas  
2.1.12 Start the SAP HANA Studio with Immediate System Logon  
2.1.13 Configure SSL for SAP HANA Studio Connections

2.2 Starting and Stopping SAP HANA Systems
2.2.1 Start a System  
2.2.2 Stop a System  
2.2.3 Restart a System  
2.2.4 Stop and Start a Database Service  
2.2.5 Monitoring SAP HANA Systems During Stop and Start

2.3 Configuring SAP HANA System Properties
2.3.1 Change a System Property  
2.3.2 Reset a System Property  
2.3.3 Set the global_allocation_limit Parameter  
2.3.4 Configure Trace File Rotation  
2.3.5 Reserve Connections for Administrators  
2.3.6 Configure System Usage Type  
2.3.7 Change the Default SLD Data Supplier Configuration

2.4 Managing SAP HANA Licenses
2.4.1 License Types  
2.4.2 Check the Current License Key  
2.4.3 Install a Permanent License  
2.4.4 Delete an Existing Permanent License Key

### 2.5 Monitoring SAP HANA Systems
2.5.1 System Monitor  
2.5.2 Monitoring Dashboard  
2.5.3 Administration Editor  
2.5.4 Monitoring System Availability  
2.5.5 Monitoring Overall System Status and Resource Usage  
2.5.6 Monitoring Status and Resource Usage of System Components  
2.5.7 Monitoring Host Status and Auto-Failover Configuration  
2.5.8 Monitoring Alerts  
2.5.9 Monitoring System Performance  
2.5.10 Monitoring Disk Space  
2.5.11 Monitoring Memory Usage  
2.5.12 Monitoring Using System Views and Historical Data Tables  
2.5.13 Use User-Defined SQL Statements for System Monitoring  
2.5.14 Analyze Resource Utilization Statistics  
2.5.15 Basic Monitoring Checklist for SAP HANA Systems

### 2.6 Managing Tables
2.6.1 Column-Based and Row-Based Storage in the SAP HANA Database  
2.6.2 Memory Management in the Column Store  
2.6.3 The Delta Merge Operation  
2.6.4 Data Compression in the Column Store  
2.6.5 Opening Tables and Views  
2.6.6 Viewing Options for Tables and Views  
2.6.7 Export Tables and Other Catalog Objects  
2.6.8 Import Tables and Other Catalog Objects  
2.6.9 Import ESRI Shapefiles

2.6.10 Table Partitioning  
2.6.11 Table Replication  
2.6.12 Table Placement  
2.6.13 Table Consistency Check  
2.6.14 Catalog Consistency Check

### 2.7 Hardware Checks for Tailored Data Center Integration
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8 Important Disclaimers on Legal Aspects

FINAL TEST BY ACADEMY

Suitable for Professionals:
Business & System Analyst, IT Warehouse Managers, Expereince Computer
Welcome to Business Planning and Consolidation for Office
Understanding action panes
Minimizing/maximizing action panes
Getting started in BPC for Excel
Understanding BPC for Excel menus
Understanding BPC toolbars
BPC for Office toolbar
BPC for Excel toolbar
Data Manager toolbar
Journal toolbar
Changing the current
the Connection Wizard
Starting BPC for Office
Starting BPC for Excel
Starting BPC for Word.
Starting BPC for PowerPoint
Starting BPC Web
Working on the offline client
Using Business Process Flows
About Business Process Flows
Opening business process flows
Using the business process flow 'to do' list
Approving a step as a reviewer
Reporting on business process flows
Building reports and input schedules
About BPC reporting
About data input and modeling
Accessing reports
Refreshing report data
Retrieving data options
Opening input schedules
Creating templates
Adding custom buttons
Creating ad hoc audit reports
Viewing audit reports
Setting workbook options
Setting workbook options using VBA
Copying/pasting member lists
Setting work status
Using dimension locks
Using reports
Creating reports
Using Drag & Drop reporting
Creating input schedules
Using input schedules
Using Park N Go
Using the Member Lookup
Using dynamic expansion and drill through
Using dynamic hierarchies
General application requirements
Statutory application requirements
Creating dynamic hierarchies
Working with large hierarchies
Reporting on dynamic hierarchies
Publishing and distributing data
Opening web-ready files
Publishing web-ready files
Publishing books of reports
Distributing and collecting offline data
Using Comments
About using comments
Adding comments
Viewing comments
About the Comments Summary page
Using journals
Creating journal reports
Managing journal entries
Locking Journals
Using custom menus
Opening custom menus
About the Custom Menu toolbar
Creating custom menus
Using BPC for Word and PowerPoint
Getting started in BPC for Word
Getting started in BPC for PowerPoint
Inserting data values
Sending data values
Inserting KPIs
Inserting BPC objects
Analyzing predictions using Insight
Analyzing variances using Insight
SAP BUSINESS PLANNING AND CONSOLIDATION
7.0 ON MICROSOFT PLATFORM
DURATION: 40 DAYS
FEE: PKR 1,35,000/= 

BPC functions and formulas
Inserting functions
BPC menu commands
Using custom VBA functions
Text functions
Actionable functions
Linking functions
Expansion functions
Value functions
Exchange functions
Using formulas in BPC
Using the EvDRE Builder
About the EvDRE Builder
Alternatives to using the EvDRE Builder
New “expansion” functionality
New EVDRE Options
New Formatting range options
New “Insert Member” functionality
Using Level-based MemberSets
Using EvSUM and EVSUB
Expansions across sheets (“3D expansions”)
New “Sorting” range

ACADEMY LOCATION MAP

SAP ACADEMY LOCATION MAP
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