

# Information Technology Mnemonic for IPCC

✓ Classification of Information System

➤ Application Control : BC IPOD

❖ Boundary Control

❖ Communication Control

❖ Interface Control

❖ Processing Control

❖ Output Control

❖ Data Control

## Information Technology Mnemonic for IPCC

### ✓ Classification of Information System

#### ➤ Managerial Control : Top Quality ki Indian DROPS

❖ Top Management

❖ Quality Assurance

❖ Information System

❖ System Development

❖ Data Resource

❖ Operations

❖ Programming

❖ Security

## Information Technology Mnemonic for IPCC

✓ Application Control

➤ Boundary Control :- Priyanka Chopra and Deepika Padukone boundary paar krne wali Actress hai

- PIN
- Cryptographic Control
- Digital Signatures
- Plastic Cards
- Access Control

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## Information Technology Mnemonic for IPCC

### ✓ Application Control

➤ **Communication Control** :- IPL ki communication hoti hai Facebook ke

Time-Line aur Comments me, Comments hote hain Copy-Paste

- Internetworking Control
- Physical Component Control
- Line Error Control
- Flow Control
- Topological Control
- Link Control
- Channel Access Control
  - Contention Method
  - Pooling Method

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## Information Technology Mnemonic for IPCC

✓ Application Control

➤ **Input Control** : Vidya Balan ka **Input** Sari ho to  
Cute lgegi

- Validation Control
- Batch Control
- Source Document Control
- Data Coding Control

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## Information Technology Mnemonic for IPCC

### ✓ Application Control

➤ **Processing Control** :- Processing ke liye REFER  
karo

- Run-to-Run Totals
- Edit Checks
- Field Initialization
- Exception Report
- Recovery Control

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## Information Technology Mnemonic for IPCC

### ✓ Application Control

➤ Output Control :- Sunny Leone ki CD Play ki to Ram

Rooth jayenge

- Storage and Logging of Sensitive and Critical  
Froms
- Logging of Output Program Execution
- Report Distribution and Collection Control
- Control over Printing
- Recovery Control
- Retention Control

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## Information Technology Mnemonic for IPCC

✓ Application Control

➤ Database Control :- Database ko Process karke  
Sequence Ensure karo

- Process multiple Transaction for a Single Record in the correct order
- Sequence Check Transaction and Master Files
- Ensure All Records on Master Files are Processed

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## Information Technology Mnemonic for IPCC

### ✓ Telecommunication Network

➤ Benefits of LAN :- LAN ki DEED Software me Secure hogi to Organizational-Benefits milenge

- Distributed Processing
- Electronic Mail and Message Broadcasting
- Expanded PC Usage
- Data Management Benefit
- Software Cost and Upgradation
- Security
- Organizational-Benefits

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## Information Technology Mnemonic for IPCC

### ✓ Business Process Automation

➤ Control Objective of BPA :- AAP V/S Election Commission  
me control jaruri hai

- Authorization
- Accuracy
- Physical Safegaurds and Security
- Validity
- Segregation of Duties
- Error-Handling
- Completeness

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## Information Technology Mnemonic for IPCC

### ✓ Business Process Automation

➤ Objectives of BPA :- BPA ka to pta nahi par CA me IT hi Objective hai

- Confidentiality
- Availability
- Integrity
- Timelines

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## Information Technology Mnemonic for IPCC

### ✓ Business Process Management System

#### ➤ Benefits of BPMS :- Automating ROFL

- ❖ Automating Repetitive Business Processes
- ❖ Reduction in the Administration involved and ISO Activities
- ❖ Operational Saving
- ❖ Freeing-up Employee Time
- ❖ BPMS works by Loosely-Coupling with a company's existing Applications

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## Information Technology Mnemonic for IPCC

✓ Business Process Management

➤ Key Factors in Implementing BPM :- Modi ki Skills Key  
Factor thi GST Implement ka Scope pura India karne me

- Methods to be Used
- Skills Required
- Goals
- Sponsorship
- Tools to be Used
- Scope
- Investment to Make

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## Information Technology Mnemonic for IPCC

### ✓ Business Process Management

#### ➤ Business Process Management(BPM) Life Cycle :-

BPM ka Life Cycle bhi Indian ROAD jaisa hai

- Implementation Phase
- Run and Monitor Phase
- Optimize
- Analysis Phase
- Design Phase

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## Information Technology Mnemonic for IPCC

### ❖ Core Banking System (CBS)

➤ Key Modules of Finacle :- Final se pehle IPCC ke COW jaise bachche DT Exam ke liye Modules padhte rahte hai

- ✓ Islamic Banking
- ✓ Payments
- ✓ Consumer Banking
- ✓ Corporate Banking
- ✓ Customer Analytics
- ✓ Origination
- ✓ Wealth Management
- ✓ Dashboards
- ✓ Trade Finance
- ✓ Enterprise Customer Information

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## Information Technology Mnemonic for IPCC

### ✓ Client Server

➤ **Characteristics of Client-Server Architecture :- Client ka Character** India ke SRT(Sachin Ramesh Tendulakr) aur MS(Mahendra Singh) jaisa hona chahiye

❖ Integrity

❖ Security

❖ Shared Resources

❖ Transparency of Location

❖ Mix-and-Match

❖ Scalability

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## Information Technology Mnemonic for IPCC

### ✓ Cloud Computing

➤ Advantages of Cloud Computing :- AB-QU-CA jab Cloud Advantages de raha hai

- Automatic Software Integration
- Backup and Recovery
- Quick Deployment
- Almost Unlimited Storage
- Cost-Efficient
- Easy Access to information

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## Information Technology Mnemonic for IPCC

### ✓ Cloud Computing

➤ Characteristics of Cloud Computing :- Cloud ke Character me

Multi-POWER hai

- Multi-Tenancy
- Pay-Per-Use
- On-Demand
- Workload Movement
- Elasticity and Scalability
- Resiliency

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## Information Technology Mnemonic for IPCC

### ✓ Cloud Computing

➤ Disadvantages of Cloud Computing :- Cloud Security Pro-Tech nahi kar paa raha

- Security in the cloud
- Prone to Attack
- Technical Issue

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## Information Technology Mnemonic for IPCC

### ✓ Cloud Computing

➤ Service Models of Cloud Computing :- Indian National  
Congress Party ne Cloud ke Service Model ko khraab  
Software diya

❖ Infrastructure as a Service(IaaS)

❖ Network as a Service(NaaS)

❖ Communication as a Service(CaaS)

❖ Platform as a Service(PaaS)

❖ Software as a Service(SaaS)

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## Information Technology Mnemonic for IPCC

### ✓ Cloud Computing

➤ Types of Cloud Computing :- HP ke PC me Cloud ke Type Dekho

❖ Hybrid Cloud

❖ Public Cloud

❖ Private Cloud

❖ Community Cloud

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## Information Technology Mnemonic for IPCC

✓ Credit Card

➤ How a Credit Card is Processed ? :- Authorized

Credit Card se pure Batch ke liye Fund-Clear kar sakte hain

- Authorization

- Batching

- Clearing

- Funding

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## Information Technology Mnemonic for IPCC

✓ Database Management System

➤ Advantages of DBMS :- SIR, DBMS aur India ki Supreme Court dono Application ki tarah User-Friendly hai

- Permitting Data Sharing
- Integrity can be Maintained
- Minimizing Data Redundancy
- Data Independence
- Improver Security
- Program and File Consistency
- Faster Application Development
- User-Friendly

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## Information Technology Mnemonic for IPCC

✓ Database Management System

➤ Models of DBMS :- DBMS Model se HORN bjao

- Hierarchical Database Model
- Object Oriented Database Model
- Relational Database Model
- Network Database Model

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## Information Technology Mnemonic for IPCC

✓ E-Commerce

➤ Payment modes of Electronic Fund Transfer(EFT) :-

APP se Transfer

- ATM (Automated Teller Machine)
- Point-of-Sale Transaction (POS)
- Preauthorized Transfer
- Telephone Transfer

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## Information Technology Mnemonic for IPCC

### ✓ E-Commerce

➤ Risk involved in E-Commerce :- Aam Aadmi ka Arvind Rajyasabha aur Loksabha me NDA ko E-commerce ke risk btata hai

- Problem of Anonymity
- Lack of Authenticity of Transactions
- Lack of Audit Trial
- Repudiation of Contract
- Data Loss
- Non- Recognition of Electronic Transaction
- Denial of Service
- Attack from Hackers

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## Information Technology Mnemonic for IPCC

### ✓ Extranet

➤ Five Rules of Extranet :- Extra na sochkar Papi Pakistan ki Flexibility India Time se soche to theek hai

- ❖ Protect the Interests of Data Owner
- ❖ Serve the Partner as a Customer
- ❖ Be as Flexible as the Business
- ❖ Drive Information to the Decision-Maker
- ❖ Deploy in Internet- Time

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## Information Technology Mnemonic for IPCC

### ✓ Human Resource Management System

➤ Key Modules of HRMS :- Human ke liye to PAPER ki taiyari bhi World-Cup ki Training jaisi hai

- Payroll Management
- Aalytics
- Personal Management
- Employee Self Service
- Recruitment Management
- Workforce Management
- Compensation Management
- Training Management

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## Information Technology Mnemonic for IPCC

### ✓ Information System Life Cycle

➤ Conversion Phase of Master File :- Deepika  
Padukone me Conversion Parkash Padukone se

- Direct Changeover
- Parallel Conversion
- Phased Conversion
- Pilot Conversion

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## Information Technology Mnemonic for IPCC

### ✓ Information System Life Cycle

➤ Phase of System Investigation :- Team ke LOSE ka Investigation karo

- Technical Feasibility
- Legal Feasibility
- Operational Feasibility
- Schedule Feasibility
- Economic Feasibility

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## Information Technology Mnemonic for IPCC

✓ Level of Security

➤ Steps of Security Program :- PTV ke to har Program ki Security ka PRICE hota hoga.

- *Preparing Project Plan for Enforcing Security*
- *Asset Identification*
- *Asset Valuation*
- *Threat Identification*
- *Threat Probability of Occurrence Assessment*
- *Exposure Analysis*
- *Control Adjustment*
- *Report Generation outlining the levels of Security to be provided for Individual Systems, end users etc.*

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## Information Technology Mnemonic for IPCC

✓ M-Commerce

➤ Industries affected by M-Commerce :-

Services/retail ke liye M-Commerce FIT hai

- Service/Retail
- Financial Services
- Information Services
- Telecommunications

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## Information Technology Mnemonic for IPCC

### ✓ Network Security Techniques

➤ Network Security Techniques :- FANS se Network par Security ki Techniques to India me Neta aur Hero-Heroine ko bhi nahi hai.

- Firewall
- Anti- Malware
- Network Access Control
- Site-Blocking
- Intrusion Detection System(IDS)
  - Network Intrusion Detection (NID)
  - Host-Based Intrusion Detection(HID)
  - Hybrid Intrusion Detection

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## Information Technology Mnemonic for IPCC

### ✓ Operating System

➤ Activities of Operating System :- Narendra Modi ne

Operating System ki Activities UPLIFT kardi

- ❖ Networking Management
- ❖ Memory Management
- ❖ User Interfaces
- ❖ Performing Hardware Functions
- ❖ Logical Access Security
- ❖ Hardware Independence
- ❖ File Management
- ❖ Task Management

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## Information Technology Mnemonic for IPCC

### ✓ Telecommunication Network

➤ Advantages/Scope of Computer Network :- Rahul Rota hai Foreign me FDI ke liye

- Resource Sharing
- Remote Access
- File Sharing
- Fault Tolerance
- Shared Database
- Internet Access and Security

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## Information Technology Mnemonic for ICCP

### ✓ Telecommunication Network

➤ Security Architecture of Grid Computing :- Prime Minister se LESS Security me nahi manega Grid

- Protection of Credentials
- Support for Multiple Implementations
- Interoperability with Local Security Solutions
- Exportability
- Single Sign-On
- Support for Secure Group Communication

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## Information Technology Mnemonic for IPCC

### ✓ Three-Tier System

✓ Advantages of Three-Tier System : Three-Tier ko Separate karke Load ko Change kar sakte hain

- ❖ Clear Separation
- ❖ Load Balancing
- ❖ Change Management

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## Information Technology Mnemonic for IPCC

✓ Transaction Processing System

➤ Attributes of TPS :- HEAT

- High Volume Rapid Processing TPS
- Equivalence TPS
- Access Control
- Trustworthiness TPS

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## Information Technology Mnemonic for IPCC

### ✓ Vulnerability

- Facts Responsible for Occurrence of Vulnerabilities in the software :- Fact hai ki Vulner(Kamzor) STEP-IT me nahi hone chahiye.

❖ Software-Bugs

❖ Timing-Window

❖ End-Users

❖ Bad-Protocols

❖ Insecure Default Configurations

❖ Trusting Untrustworthy Information

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## Information Technology Mnemonic for IPCC

✓ Knowledge

➤ Factors that show **Why Knowledge** gained momentum? :- Knowledge jaruri hai Kyunki Modi Government me sirf B.A. se kaam nahi chalega

- Modification in Organizational Composition
- Globalization
- Burgeon Connections
- Altering Business Surrounding

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