

Important Questions of Information Technology & SM CA IPCC May-June 2014

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Important Questions for Information Technology by **Niti Gupta Bansal**

Software

- Device Driver
- Real Time vs Online OS
- Language Processors
- **System Software vs Application Software**
- Benefits & Limitations of Expert System
- **ERP**
- **Components of DSS**
- Spooling
- **Firmware**
- **Freeware, Shareware & Open Source Software**

DBMS

- Primary Key vs Foreign Key
- Data Types
- **Architecture of DBMS**
- **Data Dictionary, SQL Statements**
- **Data Warehouse, Data Mining**

Data Communication & Network

- Bridges, Routers, Gateway, Hub, Switch
- OSI Model
- TCP/IP Model
- Unicode vs ASCII
- Modem vs Multiplexer
- Network Topologies
- Synchronous vs Asynchronous Transmission
- **Data Centre**
- **Multi-tier Architecture of Client Server Technology**
- **Warm Site vs Hot Site**
- **Business Continuity Plan**
- **NIC**
- **Logical Address vs Physical Address**
- **VPN**
- **Switching Techniques**

Internet and its Technologies

- ARPANET
- **Browser**
- **URL vs URN**
- HTTP vs FTP Protocol
- **Bull Whip Effect**
- **E Governance**
- Intranet vs Extranet
- EFT, Smart Cards, WiFi
- TCP vs UDP Protocol (IP Suite)

Very Important Topics

- **Flowchart (Numerical & Logical)**
- **Number System**

Decision Table

- Types of Decision Table and
- **Types of Flowchart**

Imp. Qs. of Strategic Management

By **CA Jatin Bansal**

- Elements of Macro Environment
- **Five forces model**, Generic Strategies & **VCA by Michael Porter**
- Strategic approaches to be Global
- **Strategic Management, SM Model**
- Strategic levels in organizations
- **SWOT, TOWS, PDLC, BCG, GE Matrix**
- Supply Chain Management
- Expansion through Diversification
- Expansion through Acquisitions and Mergers
- **Marketing Strategy Techniques**
- Transformational and Transactional Leadership
- Short notes on:
 - **BPR**
 - **Six Sigma**
 - **TQM**
 - **Strategic Group**
 - **Strategic Analysis**

Warm regards,

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