

Cognizant Digital Practice Questions with Answers – By Durgesh StudyHub

Core Digital and Advanced Technology Areas

Cloud Computing & Infrastructure

- Cloud migration (AWS, Azure, Google Cloud)
- Cloud-native application development
- DevOps & CI/CD pipelines
- Containerization (Docker, Kubernetes)
- Infrastructure as Code (Terraform, Ansible)

Artificial Intelligence (AI) & Machine Learning (ML)

- Predictive analytics & data modeling
- Natural Language Processing (NLP)
- Computer Vision & Deep Learning
- Generative AI (Chatbots, LLMs)
- Responsible & Ethical AI

Data Engineering & Analytics

- Big Data platforms (Hadoop, Spark, Databricks)
- Data Lakes & Data Warehouses
- Business Intelligence (Power BI, Tableau)
- Real-time data streaming (Kafka, Flink)
- Data Governance & Quality Management

Digital Engineering & Application Development

- Full-stack web & mobile development
- Microservices architecture
- API management & integration
- Low-code / no-code platforms
- Agile & DevSecOps practices

5 Internet of Things (IoT) & Edge Computing

- Smart devices & sensor data collection
- Industrial IoT (IIoT)
- Edge AI & analytics at source
- Connected systems for healthcare, automotive, etc.

6 Blockchain & Web3

- Smart contracts (Ethereum, Hyperledger)
- Decentralized Identity & Finance (DeFi)
- Supply chain transparency solutions

7 Cybersecurity & Digital Trust

- Identity & Access Management (IAM)
- Cloud security & zero-trust architectures
- Threat detection & response automation
- Data privacy and compliance (GDPR, ISO 27001)

8 Experience Design & Digital Experience Platforms

-
- UI/UX design and human-centered innovation
 - Adobe Experience Cloud, Salesforce, ServiceNow
 - Omni-channel customer engagement
 - Personalization using AI