0. AZ-900 Syllabus and Roadmap

SI No.	Topics covered in AZ-900 Exam	Weightage
1.	Azure pricing and support	20-25%
2.	Core Azure services	30-35%
3.	Cloud concepts	15-20%
4.	Security, privacy, compliance, and trust	25-30%

Microsoft Azure Fundamentals Exam Summary:

Exam Name	Microsoft Certified - Azure Fundamentals
Exam Code	AZ-900
Exam Price	3696 (INR)/ \$99 (USD)
Duration	60 mins
Number of Questions	40-60
Passing Score	700 / 1000

Benefits of taking the AZ-900 Exam



SYLLABUS -2023-2024

Microsoft Azure Fundamentals

- 1. Cloud Basics
 - 1. Benefits of Cloud Computing
 - 2. Cloud Deployment Models (Public vs Private vs Hybrid Cloud)
 - 3. Cloud Computing
 - 1. Compute & Serverless & Storage
 - 2. <u>laaS vs PaaS vs SaaS</u>
 - 3. Cloud Compliance
 - 4. Scaling
- 4. Azure Basics
 - 1. Purchasing & Licensing Options

- 2. Account, Subscription, Support and Billing
- 3. Azure Data Centers
- 4. Interacting with Azure
- 5. Service-level Agreements (SLA)
- 6. <u>Azure Resource Manager (Resources & Resource Groups & Management Groups)</u>
- 7. Compliance in Azure

7. Azure Services

- 1. Compute
 - 1. Virtual Machines
 - 2. Containers
 - 3. App Service
 - 4. Serverless Computing
- 5. Storage
 - 1. Databases
- 2. Networking
 - 1. Load Balancing

-1. Security

- 1. Shared Responsibility Model
- 2. Defence in Depth
- 3. Azure Security Center
- 4. Identity and Access (Azure AD)
- 5. Encryption (Azure Key Vault, Certificates)
- 6. Network Protection
- 7. Microsoft Azure Information Protection (AIP)
- 8. Microsoft Defender for Identity
- 9. Microsoft Security Development Lifecycle (SDL)

7. Governance

- 1. Azure Policy & Azure Blueprints
- 2. Monitoring (Azure Monitor & Azure Service Health)
- 0. Economics
 - 1. Economies of Scale
 - 2. Capital Expenditure (CapEx) vs Operational Expenditure (OpEx)
 - 3. Azure Costs & Tools
 - 4. Cost Optimization Best Practices