✅ **Combined Module Ranking (Across All 20 PDFs)**

🔢 Rank	📘 Module	🧠 Key Topics	📊 Average Frequency (Approx.)
🥇 1	Module 6: Security	IAM, Shared Responsibility, MFA, Access Control	16 (High) + 14 (High) → 15
🥈 2	Module 2: Compute in the Cloud	EC2, Auto Scaling, Load Balancing, Lambda	14 + 13 → 13.5
🥉 3	Module 5: Storage and Databases	S3, EBS, EFS, RDS, DynamoDB, Glacier	13 + 12 → 12.5
4	Module 8: Pricing and Support	Billing, TCO, Budgets, Cost Explorer	10 + 15 → 12.5
5	Module 7: Monitoring and Analytics	CloudWatch, CloudTrail, Trusted Advisor	10 + 11 → 10.5
6	Module 3: Global Infrastructure and Reliability	Regions, AZs, Edge Locations	6.5 + 7.5 →.7
7	Module 4: Networking	VPC, Subnets, NACLs, Connectivity	5.5 + 6.5 → 6
8	Module 9: Migration and Innovation	Snowball, CAF, Migration Strategies	3.5 + 4 → 3.75
9	Module 10: The Cloud Journey	Well-Architected Framework, Benefits	2.5 + 2.5 → 2.5
10	Module 1: Introduction to AWS	Cloud Computing Concepts	1.5 + 1.5 → 1.5
11	Module 11: Exam Strategies	Exam Format, Strategy	1 + 1 → 1

🎯 **Final Ordered Module Importance (Avg Across 20 Exams):**

1. **Module 6: Security**
2. **Module 2: Compute in the Cloud**
3. **Module 5: Storage and Databases**
4. **Module 8: Pricing and Support**
5. **Module 7: Monitoring and Analytics**

✅ **Unified AWS Mastery Checklist (Average of All 20 Practice Exams)**

Priority	Module / Concept	Key Topics to Master	Avg. # of Qs	✅ Mastery Point
1	IAM + Shared Responsibility (Mod 6)	IAM Users, Roles, Groups, MFA, Policies, Permissions, Shared Responsibility Model	16–17	✅ Stop after 90%
2	EC2 + Auto Scaling + Pricing (Mod 2)	EC2 Types, Reserved vs On-Demand vs Spot, Auto Scaling, ELB, Lambda	14–15	✅ Stop after 90%
3	S3 + Storage + DBs (Mod 5)	S3 Classes, Glacier, EBS, EFS, RDS, DynamoDB, backup strategies	13–14	✅ Stop after 85%
4	Billing + Support Plans (Mod 8)	Pricing Calculator, Budgets, TCO, Cost Explorer, Support Plans (Dev/Bus/Ent)	11–12	✅ Stop after 80%
5	Monitoring & Logging (Mod 7)	CloudWatch Alarms, CloudTrail, Logs, Trusted Advisor	9–10	✅ Stop after 75%
6	Global Infrastructure (Mod 3)	Regions, AZs, Edge Locations, CloudFront, Fault Tolerance	6–7	✅ Stop after 70%
7	Networking + VPC (Mod 4)	Subnets, Security Groups, NACLs, IGWs, Direct Connect, Route Tables	5–6	✅ Stop after 65%
8	Migration & Snow Services (Mod 9)	AWS CAF, Migration Hub, Snowball, Snowmobile	3–4	✅ Stop after 50%
9	Well-Architected Framework (Mod 10)	5 Pillars: Security, Reliability, Cost, Performance, Ops Excellence	2–3	✅ Stop after 50%
10	Cloud Concepts (Mod 1)	Pay-as-you-go, Global Infrastructure, Scalability, Agility	1–2	Optional

Priority	Module / Concept	Key Topics to Master	Avg. # of Qs	✅ Mastery Point
11	**Exam Format & Tips (Mod 11)**	**Domains, Question Types, Test Strategy**	**~1**	**Optional**

SET 1

✅ **AWS Mastery Checklist: High → Low Weightage**

Priority	Module / Concept	Key Topics to Master	# of Qs (Est.)	✅ Mastery Point
1	IAM + Shared Responsibility (Mod 6)	IAM Users, Roles, Groups, MFA, Policies, Permissions, Shared Model	16–18	✅ Stop after 90%
2	EC2 + Scaling + Pricing (Mod 2)	EC2 Types, On-Demand vs Reserved vs Spot, Auto Scaling, ELB, Lambda	14–16	✅ Stop after 90%
3	S3 + Storage Classes (Mod 5)	S3 Standard/IA/Glacier, EBS, EFS, RDS vs DynamoDB, Database Migration	13–15	✅ Stop after 85%
4	Billing + Support Plans (Mod 8)	Consolidated Billing, Budgets, Pricing Calculator, Cost Explorer, Support Tiers	10–12	✅ Stop after 80%
5	Monitoring (CloudWatch/Trail) (Mod 7)	CloudWatch metrics, Alarms, CloudTrail Logs, Trusted Advisor	9–10	✅ Stop after 75%
6	Global Infrastructure (Mod 3)	Regions, AZs, Edge Locations, CloudFront, High Availability	6–7	✅ Stop after 70%
7	Networking + VPC + ACL (Mod 4)	VPC, Subnets, NACL, Internet Gateway, Security Groups	5–6	✅ Stop after 60%
8	Migration & Snow Services (Mod 9)	AWS CAF, Snowball, Snowmobile, Migration Strategies	3–4	✅ Stop after 50%
9	Well-Architected Framework (Mod 10)	Reliability, Security, Cost Optimization, Performance, Operational Excellence	2–3	✅ Stop after 50%

Priority	Module / Concept	Key Topics to Master	# of Qs (Est.)	✅ Mastery Point
10	Intro to Cloud + Core Concepts (Mod 1)	Cloud Benefits, Pay-as-you-go, Global Reach	1–2	Optional Only
11	Exam Tips & Meta Info (Mod 11)	Format, Domain Coverage, Strategies	~1	Optional Only

📊 Module Frequency Ranking (High → Low)

Rank	Module	Key Topics	Frequency (Approx.)
1	**Module 6: Security**	IAM, Roles, Shared Responsibility Model, MFA, Permissions, Organizations	16+ Questions
2	**Module 2: Compute in the Cloud**	EC2, Auto Scaling, Load Balancing, Instance Pricing, Lambda	14+ Questions
3	**Module 5: Storage and Databases**	S3, EBS, EFS, RDS, DynamoDB, Glacier	13+ Questions
4	**Module 8: Pricing and Support**	Pricing Models, Budgets, Cost Explorer, Support Plans	10+ Questions
5	**Module 7: Monitoring and Analytics**	CloudWatch, CloudTrail, Trusted Advisor	10+ Questions
6	**Module 3: Global Infrastructure and Reliability**	Availability Zones, Regions, Edge Locations, Global Reach	6–7 Questions
7	**Module 4: Networking**	Subnets, NACLs, VPCs, Connectivity	5–6 Questions
8	**Module 9: Migration and Innovation**	Snowball, CAF, Migration Strategies	3–4 Questions
9	**Module 10: The Cloud Journey**	Well-Architected Framework, Cloud Benefits	2–3 Questions
10	**Module 1: Introduction to AWS**	Cloud Computing Basics, AWS Overview	1–2 Questions
11	**Module 11: Exam Strategies & Practitioner Basics**	Exam Format, Preparation Strategy	~1 (Meta/strategy only)

🔍 **Notes:**

- Modules **6, 2, and 5** dominate the questions and **must be studied deeply**.

- Modules **8 and 7** are next in priority for real-world usage and billing-related questions.

- Modules **9–11** are low in question frequency but good for **completeness and confidence**.

SET 2

✅ **High-Confidence Concept Frequency (from all 10 exams)**

These topics were **repeated in at least 6–9 out of 10 PDFs**, appearing in both questions and answer explanations:

AWS Concept	Estimated Mentions	Appears In
Billing / TCO / Cost Tools	15+	Exams 13, 14, 16, 17, 18, 19, 20
IAM (Identity & Access)	12–14	Exams 13, 16, 17, 18, 19, 20
Amazon EC2	10–12	Exams 13, 14, 17, 18, 19, 20
S3 / Storage	8–10	Exams 13, 14, 15, 16, 19
CloudFront (CDN)	7–9	Exams 15, 16, 17, 18, 20
CloudWatch	6–7	Exams 16, 17, 18, 20
CloudTrail	6+	Exams 16, 17, 18, 20
VPC / Direct Connect	6+	Exams 16, 18, 19
Lambda	4–6	Exams 13, 15, 19, 20
Trusted Advisor	4–5	Exams 16, 17, 19, 20
DynamoDB	3–5	Exams 13, 15, 20
RDS	3–5	Exams 13, 14, 19
Auto Scaling	3–4	Exams 15, 19
Athena / Analytics	2–3	Exams 18, 20
WAF / GuardDuty	3+	Exams 18, 20
Elastic Beanstalk	2–3	Exams 17, 19

Module Order:

📊 **Reordered Modules by Concept Frequency:**

Priority	Module	Key Concepts Covered	Mapped Frequency Drivers
🥇 1	**MODULE 8: PRICING AND SUPPORT**	Free Tier, Billing, Budgets, Cost Explorer, Support Plans	✅ Billing / TCO / Cost Tools (15+)
🥈 2	**MODULE 6: SECURITY**	IAM, Permissions, Organizations, Compliance, DDoS	✅ IAM / Shared Responsibility (12–14)
🥉 3	**MODULE 2: COMPUTE IN THE CLOUD**	EC2 Types & Pricing, Auto Scaling, ELB, Messaging	✅ EC2 (10–12), Auto Scaling (3–4)
4	**MODULE 5: STORAGE AND DATABASES**	S3, EBS, EFS, RDS, DynamoDB, Redshift	✅ S3 (8–10), RDS (3–5), DynamoDB (3–5)
5	**MODULE 4: NETWORKING**	VPC, Subnets, NACLs, Global Networking	✅ VPC / Direct Connect (6+)
6	**MODULE 7: MONITORING AND ANALYTICS**	CloudWatch, CloudTrail, Trusted Advisor	✅ CloudWatch (6–7), CloudTrail (6+), Trusted Advisor (4–5)
7	**MODULE 3: GLOBAL INFRASTRUCTURE AND RELIABILITY**	Edge Locations, Provisioning, Reliability	✅ CloudFront (7–9)
8	**MODULE 9: MIGRATION AND INNOVATION**	Snow Family, Migration Strategies, CAF	Slight overlap with infra concepts
9	**MODULE 10: THE CLOUD JOURNEY**	Well-Architected Framework, Benefits	Touches on exam strategy + planning
10	**MODULE 11: AWS CERTIFIED CLOUD PRACTITIONER BASICS**	Exam Details, Strategies	Meta-level prep content
11	**MODULE 1: INTRODUCTION TO AWS**	What is Cloud Computing, Course intro	Foundational awareness only

📌 **Observations:**