Certified Responsible AI Governance & Ethics (CRAGE)

EXAM *Blueprint* v1

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Exam Blueprint

S. No.	Domain	Sub-domain	Description/Topics	Weightage	No of Qs
1.	AI Technology Ecosystem and Ethical Considerations	AI Fundamentals and Technology Ecosystem	▪ Core AI Concepts and Fundamentals ▪ AI Applications and Use Cases ▪ AI Development and Operations ▪ Technology Infrastructure and Ecosystem ▪ Organizational Readiness and Planning	9%	9
		AI Ethics, Principles, and Responsible AI	▪ Ethical Considerations of AI ▪ Ethical Challenges in AI Systems ▪ International AI ethics guidelines ▪ Ethical Principles of the DoD AI Strategy ▪ Responsible AI ▪ Ethical Problem Definition Stage ▪ Ethical Data Collection and Preparation Stage ▪ Ethical Design and Development Stage ▪ Ethical Testing and Validation Stage	8%	8

			▪ Responsible AI Deployment Stage ▪ Monitoring and Maintenance Stage ▪ Documentation and Transparency Stage ▪ Continuous Improvement and Responsible Retirement Stage ▪ Sustainability, Inclusivity, and Social Responsibility		
2.	AI Strategy & Governance	AI Strategic Planning and Organizational Alignment	▪ Strategy Development and Vision Setting ▪ Governance Policies and Procedures ▪ Change Management and Organizational Culture ▪ Performance Measurement and Continuous Improvement	8%	8
		AI Governance and Frameworks	▪ Governance Structures and Stakeholder Management ▪ AI Development Governance ▪ AI Deployment Governance ▪ AI Operations and Monitoring ▪ AI Model Maintenance and Updates	8%	8
		AI Compliance, Legal Frameworks, and Regulatory Requirements	▪ Global Regulatory Landscape ▪ Accountability, Liability, and Rights ▪ Operational Compliance Requirements ▪ Industry-Specific Compliance	8%	8

			▪ Compliance Management and Monitoring ▪ Legal Risk Management		
3.	AI Risk Management	AI Risk Assessment and Threat Management	▪ Risk Assessment Frameworks and Methodologies ▪ Threat Identification and Vulnerabilities ▪ Risk Monitoring and Reporting	8%	8
		Third-Party AI Risk Management and Supply Chain Security	▪ Third-party Risk Management and Vendor Risks ▪ Supplier Due Diligence Practices ▪ Role of AI Supply Chain Lineage in Tracking Datasets and Algorithm Provenance ▪ AI Vendor Regulatory Requirements ▪ Contracts to Define Accountability and Liability in AI Vendor Management ▪ Procurement Checklists and Vendor Compliance Assurance	8%	8
4.	Development and Implementation Governance	AI Lifecycle and Asset Management	▪ Asset Management and Data Governance ▪ Data Lineage, Traceability, and Business Continuity ▪ Model Governance and Documentation	9%	9
		AI Security Architecture and Design Controls	▪ Security Architecture and Design Principles ▪ Code Management and Version Control	9%	9

			▪ Access Control and Encryption ▪ Network Security and API Protection ▪ Model and System Security ▪ Security Testing and Vulnerability Management ▪ Monitoring, Detection, and Response		
		Privacy, Trust, Safety, and Ethical Controls	▪ Privacy Protection Mechanisms ▪ Data Protection and Anonymization ▪ Trustworthiness and Safety Frameworks ▪ User Experience and Transparency ▪ Ethical Guidelines and Auditing ▪ Trust Assurance and Monitoring	9%	9
5.	Operations and Audit Governance	Incident Response and Business Continuity Planning	▪ Incident Response Framework and Procedures ▪ Incident Response Execution ▪ Communication and Stakeholder Management ▪ Post-Incident Activities ▪ Business Continuity Strategy ▪ Disaster Recovery Planning ▪ Testing, Training, and Optimization	8%	8
		AI Assurance, Testing, Auditing, and Validation	▪ Testing Frameworks and Methodologies	8%	8

			▪ Security, Privacy, and Fairness Testing ▪ User and Acceptance Testing ▪ Model Validation and Verification ▪ Auditing Frameworks and Procedures ▪ Audit Evidence and Documentation ▪ Reporting and Remediation		
Total:				**100%**	**100**