**Approved Content Weightages for RUDA 2024**

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| --- | --- | --- |
| **Sr. No** | **Core Areas Division** | **% Weight** |
| 1- | Verbal Reasoning | 15% |
| 2- | Quantitative Reasoning | 15% |
| 3- | Analytical Reasoning | 10% |
| 4- | Subject Specific | 60% |
|  | **Total** | **100%** |

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| **Sr. No** | **Designation of the Post** | **Criteria and Subject Division** | **Subject**  **% Weight** |

|  |  |  |  |
| --- | --- | --- | --- |
| **01** | **Mechanical Eng** | **Overall Percentage** | **60%** |
| Power Plants & Thermodynamics | 10% |
| Engineering drawing and graphics | 10% |
| Materials & Manufacturing Processes | 10% |
| Machine design | 10% |
| Mechanics of Material | 10% |
| Mechanical Vibrations | 05% |
| Basic Electrical and Electronics | 05% |
| **02** | **Civil Engineering** | **Overall Percentage** | **60%** |
| Applied Physics | 05% |
| Applied Mathematics | 05% |
| Engineering Drawing | 10% |
| Engineering Mechanics | 10% |
| Concrete Technology and RCC Design | 10% |
| Engineering Materials & Construction Techniques  Advanced Construction Techniques  Principles of Inspection and Quality Control of civil works | 20% |
| **03** | **Electrical Engineering** | **Overall Percentage** | **60%** |
| Power Generation and Transmission | 15% |
| Power Distribution | 15% |
| Power System Protection | 10% |
| Power Electronics | 10% |
| High Voltage Engineering | 05% |
| Power System Analysis | 05% |
| **04** | **Information Technology** | **Overall Percentage** | **60%** |
| Programming Fundamentals | 15% |
| Object Oriented Paradigm | 10% |
| Database Management | 05% |
| Data Structures and Algorithms | 05% |
| Computer Communication and Networks | 15% |
| Operating Systems | 10% |
| **05** | **Engineering (GIS / Space Sciences / Remote Sciences)** | **Overall Percentages** | **60%** |
| Optical Remote Sensing | 10% |
| Microwave Remote Sensing | 10% |
| Photogrammetry | 10% |
| Cartography | 10% |
| Land Surveying | 05% |
| Web GIS | 05% |
| Applications of Remote Sensing and GIS | 05% |
| Geographic Information Science | 05% |
| **06** | **Engineering (Environmental Sciences)** | **Overall Percentages** | **60%** |
| Ecology and Applied Ecology | 10% |
| Environmental Pollution & Toxicology | 10% |
| Environmental Microbiology and Biotechnology | 10% |
| Environmental Profiles of Pakistan and Environmental Economics | 05% |
| Natural Resource Management, Biodiversity and Conservation | 05% |
| Environmental Monitoring and Analytical Techniques | 10% |
| Climatology and Climate Changes | 10% |
| **07** | **Engineering (Transportation Engineering)** | **Overall Percentages** | **60%** |
| Transportation Engg Drawing and Graphics | 10% |
| Engineering Mechanics | 15% |
| Surveying | 05% |
| Mechanics of Solids | 10% |
| Structural Analysis | 05% |
| Traffic Engineering | 15% |
| **08** | **Business Studies** | **Overall Percentages** | **60%** |
| Finance | 08% |
| Accounting | 08% |
| Marketing | 08% |
| Management | 20% |
| Quantitative Techniques | 08% |
| Business Research Methods | 08% |
| **09** | **Law** | **Overall Percentages** | **60%** |
| Constitutional Law | 10% |
| English Legal language | 05% |
| Corporate law | 15% |
| Criminal law | 05% |
| Civil procedure code | 15% |
| Jurisprudence | 10% |
| **10** | **Urban Planning** | **Overall Percentages** | **60%** |
| Architecture Design | 08% |
| Materials and Construction | 08% |
| Theories and Criticism in Architecture | 08% |
| Urban Design and Planning | 20% |
| Structures for Architects | 08% |
| Services and engineering systems | 08% |
| **11** | **PR & Communications** | **Overall Percentages** | **60%** |
| Marketing | 08% |
| Communication theories | 08% |
| Communication skills | 20% |
| Public relations | 08% |
| Administrative procedures | 08% |
| Report writing skills | 08% |
| **12** | **Procurement** | **Overall Percentages** | **60%** |
| PPRA Rules | 20% |
| Fundamentals of management | 08% |
| Communication skills | 08% |
| Supply chain management | 08% |
| Administrative procedures | 08% |
| Fundamentals of economics | 08% |
| **13** | **Sales & Marketing** | **Overall Percentages** | **60%** |
| Marketing | 20% |
| Fundamentals of management | 08% |
| Communication skills | 08% |
| Sales procedures | 08% |
| Administrative procedures | 08% |
| Fundamentals of economics | 08% |
| **14** | **Accounting & Finance** | **Overall Percentages** | **60%** |
| Financial accounting | 20% |
| Cost accounting | 08% |
| Advanced accounting | 08% |
| Finance | 08% |
| Auditing | 08% |
| Fundamentals of economics | 08% |
| **15** | **Architectural (Architecture, design, landscape, Urban Design)** | **Overall Percentages** | **60%** |
| Architecture Design | 20% |
| Materials and Construction | 08% |
| Theories and Criticism in Architecture | 08% |
| Urban Design and Planning | 08% |
| Structures for Architects | 08% |
| Services and engineering systems | 08% |