

RPSC ACF And Forest Range Officer COMPUTER APPLICATION/SCIENCE Syllabus 2022

Introduction:-

हमारे द्वारा Rajasthan Public Service Commission (RPSC) ACF And Forest Range Officer भर्ती के बारे में विस्तार से जानकारी दी गई अगर आप राजस्थान RPSC ACF And Forest Range Officer परीक्षा की तैयारी कर रहे हो तो पोस्ट आपके लिए अति महत्वपूर्ण है इस आर्टिकल में RPSC ACF And Forest Range Officer के सिलेबस के बारे में जानकारी दी गई है साथ ही आप अपने सब्जेक्ट के अनुसार नीचे दी गई लिंक के द्वारा PDF डाउनलोड कर सकते हैं वे उम्मीदवार जिन्होंने इसका ऑनलाइन आवेदन किया है उनके लिए निम्नतम एग्जाम पैटर्न दिया गया है जो आपके लिए तैयारी करने में काम आएगा।

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| NAME OF SELECTION BOARD | Rajasthan Public Service Commission |
| POSTS NAME | RPSC ACF And Forest Range Officer |
| OFFICIAL WEBSITE | Rpsc.rajasthan.gov.in/ |
| Category | Latest Syllabus |
| EXAM DATE | Coming soon |

RPSC ACF And Forest Range Officer Exam Pattern:-

| Paper | Subjects | Question Number | Marks |
|-------|----------------------|-----------------|-------|
| 1 | General Knowledge | 100 | 100 |
| 2 | General English | 100 | 100 |
| 3 | OPTIONAL SUBJECT - I | 120 | 200 |

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|---|--------------------------|-----|-----|
| 4 | OPTIONAL SUBJECT - II | 120 | 200 |
| 5 | Interview | | 75 |

RPSC ACF And Forest Range Officer COMPUTER APPLICATION/SCIENCE 2021 Topc Wise

OPTIONAL SUBJECT - COMPUTER APPLICATION/SCIENCE

1. Computer Organization and Architecture

Von Neumann Architecture, Number representation and Computer arithmetic, Logic design of Digital Systems, Fundamental and advanced concepts of Logic Designs, Boolean Algebra & functions, Designing and synthesis of combinational and Sequential circuits, minimization techniques, Memory and CPU organization, DMA, I/O Interface, basic architecture of Indian super computer 'PARAM'.

2. Computer Programming

Algorithms and Flowcharts: Problem analysis, algorithms, data assignments, flowcharts, stepwise refining, sequencing, alternation and Looping, programming languages. C language: Representation of integers, real, characters, data types, constants, variable, arithmetic expression, assignments, conditional statement, control statements, simple I/O. Arrays, functions and procedures, parameter passing, Pointers.

3. Object Oriented Programming Language

Objects and Classes, Data encapsulation, Abstraction, Polymorphism, Inheritance, Access specifier, Abstract Data Types. Friend function, Operator overloading, nested class, Interfaces and Packages, Standard Java packages, Creating & using a package, adding a class to a package. Exception handling, multithreading, Applet Vs Application.

4. Data Structures & Algorithms

Stacks & queues, their array implementations, recursion stacks and recursive procedures. Linked list, Trees, Binary search trees, Tree and graph traversal, Spanning trees, Shortest paths, Hashing, Sorting, Searching, Merging, introduction to algorithm analysis for time and space.

5. Computer Networks

Analog and digital Transmission, Transmission media, Asynchronous and Synchronous transmission, Protocol design issues, LAN, WAN, MAN, LAN technologies (Ethernet and Token Ring), Networking devices, Network topologies, Network reference model: OSI Model, TCP/IP Model, Error control, Flow Control, Data Link Protocols (HDLC, PPP). Multiplexing, Switching, Routing, Routing Algorithms, Bridging, TCP/UDP and Sockets, IPv4/IPv6, DNS, Introduction of cyber crimes and cyber laws.

6. Operating Systems

Types and functions of OS, Operating System Structures: System components, Operating system services, System calls, Systems programs, System structure, Virtual machines, Processes, Threads, Inter Process Communication, Concurrency, Synchronization, Deadlock, CPU Scheduling, Memory Management and Virtual memory, File system, I/O System, Paging and Demand Paging, Security and Protection.

7. Data Base Management Systems

Basic database concepts, Entity Relationship modelling, Relational data model and algebra, RDBMS; Database design, functional dependencies and normal forms (1NF, 2NF, 3NF, 4NF & BCNF), Structured query languages (SQL), File Structure (Sequential files, indexing), Transaction and Concurrency Control, Security, Privacy and authentication aspects in database.

8. Web Technology

Introduction to HTML, Tags and Attributes, Text Styles and Text Arrangements, Color and Background of Web Pages, Lists and their Types, Attributes of Image Tag. Hypertext, Hyperlink and Hypermedia, Links, Anchors and URLs, concept of navigation, Different Section of a Page and Graphics, Footnote and e-Mailing, Creating Table, Frame, Form and Style Sheet. Dynamic HTML, Document Object Model, Features of DHTML, CSSP (Cascading Style Sheet Positioning) and JSSS (JavaScript assisted Style Sheet) , Front Page Basics , Web Terminologies, FTP, HTTP and WPP, Features, Front Page Views, Relating Front Page to DHTML.

9. Software Engineering

Software development Life Cycle and different SWDLC models, Information gathering, requirement and feasibility analysis, data flow diagrams, process specifications, input/output design, planning and managing the project, Risk analysis, design, coding, testing, implementation, maintenance, Software verification and validation, CASE tools.

10. Numerical Methods

Computer arithmetic and errors, Floating point arithmetic and error estimates, Implication of precision, Illustrations of errors due to round-off, Solution of non-linear equations : Bisection, Fixed point iteration, Newton-Raphson method, Aitkins process, rate of convergence. zeros of polynomials, real & complex. Interpolation and Polynomial Approximation, Numerical Differentiation and Integration, Initial Value Problems for Ordinary Differential Equations, Direct Methods for Solving Linear Systems, Iterative Techniques in Matrix Algebra, Solution of non-linear equations, Approximation Theory.

Note :- Pattern of Question Paper

1. Objective type paper
2. Maximum Marks : 200
3. Number of Questions : 120
4. Duration of Paper : Three Hours
5. All questions carry equal marks.
6. There will be Negative Marking.

RPSC ACF And Forest Range Officer Syllabus 2021 Subject Wise

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| GENERAL KNOWLEDGE |
| GENERAL ENGLISH |
| ELECTRICAL ENGINEERING |
| COMPUTER ENGINEERING |
| CHEMISTRY |
| COMPUTER APPLICATION/SCIENCE |
| ELECTRONICS ENGINEERING |
| AGRICULTURAL ENGINEERING |
| ENVIRONMENTAL SCIENCE |
| BOTANY |
| GEOLOGY |
| ZOOLOGY |
| PHYSICS |
| AGRICULTURE |
| STATISTICS |
| MATHEMATICS |
| HORTICULTURE |
| MECHANICAL ENGINEERING |
| CIVIL ENGINEERING |
| FORESTRY |

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| CHEMICAL ENGINEERING |
| VETERINARY SCIENCE |

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| IMPORTANT LINKS |
| RPSC ACF And Forest Range Officer Syllabus PDF |
| Official Website |

इस नोटिफिकेशन से संबंधित कुछ महत्वपूर्ण प्रश्न:-

1. *RPSC ACF And Forest Range Officer कितने अंको का होता है?*

उत्तर: 675

2. *RPSC ACF And Forest Range Officer पेपर में कितने प्रश्न आते हैं?*

उत्तर: 440

3. *RPSC ACF And Forest Range Officer पेपर में कितना समय मिलता है?*

उत्तर: इस नोटिफिकेशन में आप देख सकते हो।

4. *RPSC ACF And Forest Range Officer Syllabus in hindi. ?*

उत्तर: इस नोटिफिकेशन में आप देख सकते हो।

शिक्षा जगत की लेटेस्ट अपडेट पाने के लिए हमारे टेलीग्राम चैनल को
सब्सक्राइब करें



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