राजस्थान सरकार

शिक्षा (ग्रुप–1) विभाग

क्रमांक प. 4(4)शिक्षा–1/कम्प्यूटर शिक्षक/2020

जयपुर, दिनांक : 18/10/2021

अध्यक्ष,

राजस्थान कर्मचारी चयन बोर्ड,

राज्य कृषि प्रबन्ध संसाधन परिसर,

दुर्गापुरा, जयपुर।

विषय :- बेसिक कम्प्यूटर अनुदेशक एवं वरिष्ठ कम्प्यूटर अनुदेशक के पदों पर भर्ती के सम्बन्ध में। सन्दर्भ:- आपका पत्रांक : प. 14() RSSB /अर्थना/ स्कूल शिक्षा/ कम्प्यू.अनु./ भर्ती/ 2021/ 1189 दिनांक 06.10.2021

महोदय,

उपरोक्त विषयान्तर्गत आप द्वारा प्रेषित संदर्भित प्रस्ताव के अनुसरण में निवेदन है कि शिक्षा विभाग के अन्तर्गत निम्नांकित पदों पर नियमित भर्ती की जानी है :--

क्र.सं.	पद नाम	पे मैट्रिक्स लेवल	पदों की संख्या	पद का कैंडर
1	बेसिक कम्प्यूटर अनुदेशक (Basic Computer Instructor)	L-8	9862	जिला स्तर
2	वरिष्ठ कम्प्यूटर अनुदेशक (Senior Computer Instructor)	L-10	295	संमाग स्तर

उक्त पदों पर भर्ती किये जाने हेतु RSSB को नोडल एजेन्सी नियुक्त किया जाता है। प्रस्तावित भर्ती हेतु पदवार पृथक—पृथक परीक्षा की स्कीम एवं पाठ्यक्रम तथा पदों की स्वीकृति का पत्र संलग्न कर प्रेषित किया जा रहा है।

इन पदों की भर्ती से संबंधित नियमों की अद्यतन प्रति एवं पदवार अर्थना पृथक से प्रेषित की जायेगी।

यह सक्षम स्तर से अनुमोदित है।

संलग्न : उपरोक्तानुसार।

भवदीय,

(प्रवीण कुमार लेखरा) संयुक्त शासन सचिव

Rajasthan Computer Anudeshak Syllabus 2021 Paper -1

- 1. The question paper will carry maximum 100 marks.
- 2. Duration of question paper will be 2.00 hours
- 3. The question paper will carry 100 questions of multiple choices
- 4. Paper shall include following subject:
- (i) Art & Culture, History, Geography, General Science and Current Affairs of Rajasthan.
- (ii) General Ability in include following point:
 - A. Logical Reasoning and Analytical Ability.
 - B. Decision Making and Problem Solving.
 - C. General Mental Ability.
 - D. Basic Numeracy Numbers and their relations, orders of magnitude, etc. (Class X level)
 - E. Data Interpretation Charts, Graphs, Tables, Data Sufficiency, etc. (Class X level)
- 5. Negative marking shall be applicable in the evaluation of answer. For every wrong answer 0.5 of the marks prescribed for that particular question shall be deducted.

Explanation: Wrong answer shall mean an incorrect answer of multiple answer.

Syllabus and Scope of Papers: The syllabus and scope of paper for the examination will be as prescribed by the Commission/Rajasthan Staff Selection Board/Appointing Authority as the case may be, from time and will be intimated to the candidates within the stipulated time in the manner as the Commission Rajasthan Staff Selection Board Appointing Authority, as the case may be, deems fit.

Rajasthan Computer Anudeshak Syllabus 2021 Paper -2

- 1. The question paper will carry maximum 100 marks.
- 2. Duration of question paper will be 2.00 hours.
- 3. The question paper will carry 100 questions of multiple choices.
- 4. Negative marking shall be applicable in the evaluation of answer. For every wrong answer 0.5 of the marks prescribed for that particular question shall be deducted.

Explanation: Wrong answer shall mean an incorrect answer of multiple answer.

- 5. Paper shall include following subject:
 - (i) Pedagogy
 - (ii) Mental Ability: Decision making and Problem solving. Data Interpretation, Data Sufficiency, Logical Reasoning and Analytical Ability, Major developments in the field of Information Technology.
 - (iii) **Basic numeracy**: numbers and their relations, orders of magnitude, etc. (Class X level)
 - (iv) Data Interpretation: charts, graphs, tables, data sufficiency, etc.(Class X level)
 - (v) Fundamentals of Computer: Number system, arithmetic operations, introduction to various categories of computer language. functional details of Input and Output devices.
 - (vi) Programming Fundamentals: C, C++, Java, .Net, Artificial Intelligence
 (AI), Machine learning. Python & Block Chain. Programming, data types
 (Built in and user defined), Scope of variables, precedence of operators, control flow, functions, arrays, pointers, structures and unions, enumerated data-types and file handling, command line arguments.

- (vii) Object Oriented Programming using C++ and JAVA: Objects and classes. Inheritance, polymorphism. event and exceptions handling, files and streams.
- (viii) Data structures and Algorithms: Algorithms for Problem Solving. Abstract data types, Arrays as data structures, linked list v/s array for storage, stack and stack operations. queues, binary trees, binary search trees, graphs and their representations, sorting and searching, symbol table. Data structure using C & C++
- (ix) Computer Organization and Operation System: Basic Structure of Computers, Computer Arithmetic Operations, Central Processing Unit and Instructions, Memory Organization, 10 Organization, Operating Systems Overview. Process Management, Finding and processing files.
- (x) Communication and Network Concepts: Introduction to Computer Networks. Introduction: Networks layers Models. Networking Devices. Fundamentals of Mobile Communication
- (xi) Network Security: Protecting Computer Systems from viruses & malicious attacks, Introduction to Firewalls and its utility, Backup & Restoring data, Networking (LAN & WAN), Security, Ethical Hacking.
- (xii) Database Management System: An Overview of the Database Management, Architecture of Database System, Relational Database Management System (RDBMS), Database Design, Manipulating Data, NoSQL Database Technologies, Selecting Right
- (xiii) System Analysis and Design: Introduction, Requirement Gathering and Feasibility Analysis, Structured Analysis. Structured Development Design, Object-Oriented Modelling Using UML, Testing System Implementation and Maintenance. Other Software Development Approaches.
- (xiv) Internet of things and its application: Introduction of Internet Technology and Protocol. LAN, MAN, WAN, Search publishing. Basic knowledge Services/Engines. Introduction to online & offline messaging,

World Wide Web Browsers. Web HTML, XML and Scripts, Creation & maintenance of Websites, HTML interactivity Tools, Multimedia and Graphics, Voice Mail and Video Conferencing. Introduction to e-Commerce.