No. A.12022/2/2023-Estt.   Date: 19th March, 2024

NOTICE
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In continuation to NBEMS CBT Result Notice No. dated 05.03.2024 for the post of Junior Programmer, the schedule of Stage-II i.e. Skill test for the post is as under:

Name of the Post	*Skill Test Exam date*	*Exam City*
Junior Programmer	30.03.2024	New Delhi

2.   All shortlisted candidates are advised to make travel arrangements at the earliest so as to reach New Delhi at least one day prior to the scheduled date of Skill test. Admit card for the skill test indicating the time and venue will be issued to the shortlisted candidates very shortly.

3.   Final merit list for the post shall be prepared on the basis of total marks obtained by the candidates in the CBT (Stage-I) and Skill Test (Stage-II) which will determine their position.

4.   To and fro traveling allowance for Sleeper class Railway fare or Bus fare by the shortest route shall be reimbursed to SC/ST candidates, residing outside Delhi-NCR, as admissible under rules, on production of tickets.

5.   The syllabus for skill test for the post of Junior Programmer in NBEMS is as under:

Networks: Network commands, basic concept of hub, switches, gateway, router and their set up. Application layer protocol like FTP, HTTP, HTTPS. Firewall, user authentication, remote user authentication, file sharing, wireless network.

Databases: ER model, relational model, database design, query languages (SQL)

Programming and Data Structures: Programming in C++, Functions, Recursion, Parameter passing, Scope, Binding; Abstract data types, Arrays, Stacks, Queues, Linked Lists.

Object Oriented Programming: Object Oriented design concepts, programming in C++ and on programming languages viz. Java, Python, Open Source (PHP).

Web Technologies:

HTML5: Creating web pages, lists, hyperlinks, tables, web forms, inserting images, frames.

CSS3: Concept of CSS, creating style sheet, importing style sheets, CSS properties, CSS styling (background, text format, controlling fonts), CSS rules, Style Types, CSS Selectors, CSS cascade, working with block elements and objects, working with lists and tables, CSS id and class, box model (introduction, border properties, padding properties, margin properties).

Java Script: Document object model, data types and variables, functions, methods and events, controlling program flow, built-in objects and operators, validations.

PHP: Capturing form data, GET and POST form methods, processing of form data, use of regular expressions, connecting PHP and DBMS, creating database, defining database structure and accessing data stored in tables using PHP.

6. For any query/clarification/assistance, please write to NBEMS at recruitment@natboard.edu.in or call at 011-45593000.

NBEMS