

Central Pollution Control Board
(Ministry of Environment, Forests & Climate Change Govt. of India)
'Parivesh Bhawan'
East Arjun Nagar, Delhi-110032

Advt. No. 01/2016-Admn.(R)

F.No. C-20015/06/2015Admn(R)/JLA

Date: 20.03.2017

Roll No. 01 to 3742 (List Attached)

Sub: Written Test for the post of Junior Laboratory Assistant in the Central Pollution Control Board to be held on 09.04.2017 (Sunday) at 10:00 A.M.

All the eligible candidates are informed that the written test for the Post of Jr. Laboratory Assistant is scheduled to be held on 09.04.2017 (Sunday) at 10:00 A.M at the following addresses/cities.

Sr. No.	Cities	Examination Centre Address	List of Eligible Candidats
1.	Delhi	Central Pollution Control Board CBD-cum-Office Complex, "Parivesh Bhawan", Near Karkardooma Court, Opposite: Dr. Hedgewar Aarogaya Sansthan East Arjun Nagar, Shahdara, Delhi- 110032.	Click here (Roll No. 1 to 1169)
2.	Vadodara	Environmental Science Building (New) Near D.N. Hall, M.S. University of Baroda, (Behind New ST Bus Stop at Railway Station Vadodara, Gujarat.	Click here (Roll No. 1170 to 1477)
3.	Bhopal	Model Higher Secondary School T.T. Nagar Bhopal-462003 (MP) Phone No: 0755-2775385/86	Click here (Roll No. 1478 to 1631)
4.	Kolkata	Garia Barada Prasad High School Higher Secondary (Arts.Science & Commerce), Garia Station Road Post: Garia, P.S: Sonarpur South 24 Parganas Kolkata -700084 (West Bengal) (Land Mark: Near Kavi Nazrul Metro Station) Contact No; 03324416634/4289/6003	Click here (Roll No. 1632 to 2121)

5.	Shillong	“BELMONT SECONDARY SCHOOL” MOTINAGAR, SHILLING-793 014 (Contact No. 0364-2522859/2520923)	Click here (Roll No. 2122 to 2234)
6.	Lucknow	Lucknow University, Main Building, University Road, (Near Hanuman Setu) Babuganj, Hasanganj, Lucknow-226007 (UP) (Contact No. 0522-4087600)	Click here (Roll No. 2235 to 3062)
7.	Bengaluru	Central Pollution Control Board Regional Directorate (South) “Nisarga Bhawan” 1st Floor, Thimmaiah Road, 7 ‘D’ Cross Shivanagar, Bengaluru-560079 Phone No: 080-23233739,080-23233827	Click here (Roll No. 3062 to 3742) Exam center location (click here)

2. Arrangement for accommodation and transport will be your responsibility.
3. You are advised to bring this letter at the time of written test for your admission in the examination centre along with proof of identity.
4. You are required to report half an hour before the commencement of the written test
5. Your candidature is provisional and subject to verification of original documents. If your age, educational qualification, experience and caste certificate (as per Govt. of India format) etc. are not found as per advertisement your candidature will be rejected summarily.
6. Candidates are strictly advised not to bring mobile phones/cellular phones, ear phones, books, notes, electronics watches with facility of calculation, calculators and pagers or any other communication device, bags etc. inside the Center premises. In case any candidate is found to possess the same, he/she will be debarred from the examination and legal proceedings will be initiated.
7. The Board reserves the right to reject the candidature of any ineligible candidate at any stage of recruitment. Further, candidature of any candidate is purely provisional, at every stage until he/she is offered appointment.
8. The post carries the liability to serve anywhere in India. Canvassing in any form will be disqualification
9. Syllabus may be seen on CPCB website i.e. www.cpcb.nic.in.

Yours faithfully,



(Jugesh Kumar)
Sr. Administrative Officer

Note :- Call letter have been sent by post to all the eligible candidates.

RECRUITMENT TEST – 2017

Recruitment for Junior Laboratory Assistants (JLAs)

SYLLABUS FOR TEST

SECTION A CHEMISTRY

1. General Introduction: Importance and scope of chemistry. Concept of elements, atoms and molecules, Atomic and molecular masses. percentage composition and empirical and molecular formula; chemical reactions, chemical equations, periodic table, properties of elements – Nomenclature of element, Types of solutions, expression of concentration of solutions of solids in liquids, solubility of gases in liquids, solid solutions, General introduction of Organic compounds, qualitative and quantitative analysis, Polymers – Natural and synthetic, important polymers: natural and synthetic polymers Biodegradable and non-biodegradable polymers. Chemistry in Everyday Life (i) Chemicals in medicines (ii) Chemicals in food (iii) Cleansing agents – soaps and detergents, cleansing action.
2. Environmental pollution – Air, water and soil pollution, pollution due to industrial wastes; chemical reactions in atmosphere, smog, major atmospheric pollutants; acid rain, ozone and its reactions, effects of depletion of ozone layer, greenhouse effect and global warming

SECTION B ECOLOGY & ENVIRONMENT

1. Ecology (i) Concept of an ecosystem: definition; relationships between living organism, e.g., food chains, webs; the environment - physical (soil, topography, climate); biotic - types of relationships (competition, mutualism, parasitism, predation, defence); soil types and vegetation; (ii) Nutrient cycles, carbon, nitrogen cycles (biological and geological); man's intervention; pollution as disruption of these cycles; ecosystem as a source of material and sink of waste for human societies;
2. Pollution (i) Disruption of nutrient cycles and habitats: atmospheric pollution; human activities that change the composition of the atmosphere; connection between pollution and development; local and global effects (greenhouse effect, ozone depletion) and their impact on human life; burning of fossil fuel products - effect on ecosystem and human health. (ii) Pollution control approaches - prevention and control: as applied to fossil fuel burning; the role of PCBs; industrial pollution control - principles - devices - costs - policy incentives; combating global warming; (iii) Water pollution: water cycle; pollution of surface water, ground water, ocean water; industrial pollution and its effects; domestic sewage and its treatment - techniques and appropriate technology; (iv) Soil fertility; green revolution - - fertilizers - pesticides - soil health; ecological impact of pesticides; techniques of water soil and pest management, soil pollution - sources - effects. (v) National legislative frameworks for environment protection and conservation; national laws; state laws in India. (vi) International initiative on climate; international institutions & initiatives

SECTION C NUMERICAL ABILITY & GENERAL AWARENESS

Basic Arithmetic (addition, subtraction multiplication and division), number sequences and simple mathematics (percentages, powers, fractions, etc.). Profit & loss, time, percentages, fractions, ratio, speed & distance, simple real world calculations, Chemistry Calculations, conversion of units, titration calculation etc.

Candidates should have general awareness of the environmental issues. Questions may be asked to test the knowledge of current environmental events and of such matters of every day observations and experience in their scientific aspect as may be expected.