



Central Pollution Control Board
(Ministry of Environment, Forest & Climate Change, GoI)
'Parivesh Bhawan', East Arjun Nagar, Shahdara
Delhi-110032

IMPORTANT NOTICE-III

All the candidates are hereby informed that Tentative Exam Pattern is given as under:

Tentative Examination Pattern and Number of Questions for Different Posts

Advt. No. 02/2022-Admin.(R)

Type of Questions

Objective type questions with four choices	
Multiple Choice Question (MCQ) (1-mark or 2-marks)	ONLY ONE out of four choices, is correct. <u>Negative marking</u> 1-mark MCQ: 1/6 mark will be deducted for wrong answer 2-marks MCQ: 2/6 mark will be deducted for wrong answer.
Multiple Select Question (MSQ) (1-mark or 2-marks)	One or more than one choice may be correct. There is NO Negative marking. However, there is NO partial credit for choosing partially correct combinations of choices or any single wrong choice.

Numerical Answer Type (NAT) questions (1-mark or 2-marks)	
Answer is a signed real number, which will be entered using a virtual numeric keypad on the monitor (keyboard of the computer will be disabled). No choices will be shown for this kind of question. Answer may be an integer or decimal. While calculating, candidates are advised to round off at the end of the calculation (not at intermediate steps) There is NO negative marking.	

***Disclaimer*:** For the posts given in Sl. No. 2 to 15 below, the Computer-Based Test (CBT) will be in English language as well as in Hindi translated version. In case of any dispute with the Hindi version question(s), the English version shall prevail.

I/4487/2023

1. **Post Name – Scientist ‘B’**

Duration of exam: 2 hours

Type of Questions	Number of Questions		Marks
	1-Mark	2-Marks	
MCQ (Single answer type) (1/6 or 2/6 negative marking)	20	10	40
MSQ (Multiple answer type) and/or NAT (Numerical Answer Type) (No negative marking)	10	10	30
Total	30	20	70

Subject	Syllabus
Chemical	GATE 2022 CH paper
Chemistry	GATE 2022 CY paper
Civil	GATE 2022 CE paper
Computer Science	GATE 2022 CS paper
Environmental Engg	GATE 2022 ES paper
Environmental Science	Environmental chemistry, environmental microbiology, Hydrology and Water Resources, air and noise pollution, wastewater, solid and hazardous waste management, global and regional environmental issues, Environmental Chemistry, Climate Change, risk assessment, Environmental and Resource Economics, Pollution and Health, Natural and Urban Ecosystems, Biodiversity and Conservation, India and International Environmental Law, Soil Biology, Eco-toxicology, Environmental Biotechnology, Environmental Geology, Modelling
Information Technology	Programming Fundamentals, Analog Electronics, data structures, discrete structures, Engineering Analysis and Design (Modeling & Simulation), Database Management Systems, Operating System Design, Computer Organization and Architecture, Algorithm Design and Analysis, Theory of Computation, Computer Networks, Software Engineering, Artificial Intelligence and Expert Systems, Technical Communications, Dataware house And Data mining, Information and Network Security, Big Data Analytics, Computer Graphics, Cyber Forensics, Real Time System, Machine Learning, Enterprise Java Programming, Web Technology, Software Testing, Cloud Computing, Embedded Systems, Software quality and metrics, GIS and remote sensing

Weightage of Written Examination and Interview will be 80:20 for the post of Scientist ‘B’.

I/4487/2023

Post Name - Assistant Law OfficerDuration of exam: 1 hour

Type of Questions	Number of Questions	Marks
	1-Mark	
MCQ (Single answer type) (1/6 negative marking)	30	30
MSQ (Multiple answer type) and/or NAT (Numerical Answer Type) (No negative marking)	20	20
Total	50	50

Content:

1. General Aptitude
2. English
3. Maths
4. Subject: Jurisprudence-I (Legal method, Indian Legal System, and Basic Theory of Law). Principles of Contract (General Principles), Evidence Law (Law of Evidence in India), Property Law, Public International Law, Constitutional Law I and II, Code of Civil Procedure and Limitation Act, Special Contracts (Partnership, sale of Goods), Legal Philosophy including theory of justice, Administrative Law, Labour Law, Intellectual Property Rights Law-I and II, Gender Justice & Feminist Jurisprudence, Competition Law Legislative Drafting, Civil Procedure, Jurisprudence I and II, Business Regulation, environmental law, Professional Ethics, Pleadings, Conveyancing and Moot Courts, Interpretation of Statutes, Negotiable Instruments, Banking and Insurance, Legislative Drafting, Arbitration, Conciliation & Negotiation (including their International aspects and principles of private International law), Drafting, Pleading and Conveyance, Industrial Law (including IDRA,) Information Technology Law, Business regulations, taxation law

I/4487/2023

2. Post Name – Assistant Accounts OfficerDuration of exam: 1 hour

Type of Questions	Number of Questions	Marks
	1-Mark	
MCQ (Single answer type) (1/6 negative marking)	30	30
MSQ (Multiple answer type) and/or NAT (Numerical Answer Type) (No negative marking)	20	20
Total	50	50

Content:

1. General Aptitude
2. English
3. Maths
4. Environmental General Knowledge
5. Subject: Project management and techniques, human resource management, finance for non-finance executive, business organization and management, basics of accounting, banking and insurance, financial reporting and analysis, business tax procedures & management, compensation management, fundamentals of investment, GST and customs law, auditing and corporate governance, business statistics, macro economics, organizational behaviour, management accounting, financial management, cyber crimes & law, e-filing of returns, computerized accounting system, computer application in business, cost accounting, communication and documentation in business, e-commerce, income tax law and practice, corporate laws and accounting, business law, financial accounting

I/4487/2023

3. Post Name – Senior Scientific AssistantDuration of exam: 1 hour

Type of Questions	Number of Questions	Marks
	1-Mark	
MCQ (Single answer type) (1/6 negative marking)	30	30
MSQ (Multiple answer type) and/or NAT (Numerical Answer Type) (No negative marking)	20	20
Total	50	50

Content:

1. General Aptitude
2. English
3. Maths
4. Environmental General Knowledge
5. Subject: Environmental Science. Syllabus: Water & Water Resources, Ecology and Ecosystems, Biodiversity & Conservation, Environmental Pollution and Human Health, Physics & Chemistry of Environment, Land Soil Conservation and Management, Environmental Biotechnology, Urban Ecosystems, Natural Resources Management & Sustainability, Atmosphere & Global Climate Change, Environmental Legislation & Policy, Energy & Environment, Natural Hazards & Disaster Management, Remote Sensing, Geographic Information System & Modelling, Environment Impact & Risk Assessment, Environmental Economics, Solid Waste Management, Green Technologies

I/4487/2023

4. Post Name – Technical Supervisor

Duration of exam: 1 hour

Type of Questions	Number of Questions	Marks
	1-Mark	
MCQ (Single answer type) (1/6 negative marking)	30	30
MSQ (Multiple answer type) and/or NAT (Numerical Answer Type) (No negative marking)	20	20
Total	50	50

Content:

1. General Aptitude
2. English
3. Maths
4. Environmental General Knowledge
5. Subject: Instrumentation. Syllabus: GATE 2022 IN paper

I/4487/2023

5. Post Name – AssistantDuration of exam: 1 hour

Type of Questions	Number of Questions	Marks
	1-Mark	
MCQ (Single answer type) (1/6 negative marking)	30	30
MSQ (Multiple answer type) and/or NAT (Numerical Answer Type) (No negative marking)	20	20
Total	50	50

Content:

1. General Aptitude
2. English
3. Maths
4. Environmental General Knowledge

I/4487/2023

6. Post Name – Accounts AssistantDuration of exam: 1 hour

Type of Questions	Number of Questions	Marks
	1-Mark	
MCQ (Single answer type) (1/6 negative marking)	30	30
MSQ (Multiple answer type) and/or NAT (Numerical Answer Type) (No negative marking)	20	20
Total	50	50

Content:

1. General Aptitude
2. English
3. Maths
4. Environmental General Knowledge
5. Subject: Project management and techniques, human resource management, finance for non-finance executive, business organization and management, basics of accounting, banking and insurance, financial reporting and analysis, business tax procedures & management, compensation management, fundamentals of investment, GST and customs law, auditing and corporate governance, business statistics, macro economics, organizational behaviour, management accounting, financial management, cyber crimes & law, e-filing of returns, computerized accounting system, computer application in business, cost accounting, communication and documentation in business, e-commerce, income tax law and practice, corporate laws and accounting, business law, financial accounting

I/4487/2023

7. Post Name – Junior TechnicianDuration of exam: 1 hour

Type of Questions	Number of Questions	Marks
	1-Mark	
MCQ (Single answer type) (1/6 negative marking)	30	30
MSQ (Multiple answer type) and/or NAT (Numerical Answer Type) (No negative marking)	20	20
Total	50	50

Content:

1. General Aptitude
2. English
3. Maths
4. Environmental General Knowledge
5. Subject: Applied mathematics, applied physics, basic electrical engineering, electrical machines, analog electronics, electrical and electronic workshop, digital electronics, network analysis and transmission lines, pcb design and fabrication, electronic instrumentation and trouble shooting, microprocessor and micro controllers, bio signal and system transducers and sensors, electronic communication system, control system engineering, process components and control, Plc, scada and digital control, digital system design, computer hardware and peripherals, data communication and networking, instrumentation applications (biomedical, optical, analytical), industrial electronics

I/4487/2023

8. Post Name – Senior Laboratory AssistantDuration of exam: 1 hour

Type of Questions	Number of Questions	Marks
	1-Mark	
MCQ (Single answer type) (1/6 negative marking)	30	30
MSQ (Multiple answer type) and/or NAT (Numerical Answer Type) (No negative marking)	20	20
Total	50	50

Content:

1. General Aptitude
2. English
3. Physics, Chemistry
4. Maths **OR** Biology
5. Environmental General Knowledge

I/4487/2023

9. Post Name – Upper Division ClerkDuration of exam: 1 hour

Type of Questions	Number of Questions	Marks
	1-Mark	
MCQ (Single answer type) (1/6 negative marking)	30	30
MSQ (Multiple answer type) and/or NAT (Numerical Answer Type) (No negative marking)	20	20
Total	50	50

Content:

1. General Aptitude
2. English
3. Maths
4. Environmental General Knowledge

I/4487/2023

10. Post Name – Data Entry OperatorDuration of exam: 1 hour

Type of Questions	Number of Questions	Marks
	1-Mark	
MCQ (Single answer type) (1/6 negative marking)	30	30
MSQ (Multiple answer type) and/or NAT (Numerical Answer Type) (No negative marking)	20	20
Total	50	50

Content:

1. General Aptitude
2. English
3. Maths
4. Environmental General Knowledge

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11. Post Name – Junior Laboratory AssistantDuration of exam: 1 hour

Type of Questions	Number of Questions	Marks
	1-Mark	
MCQ (Single answer type) (1/6 negative marking)	30	30
MSQ (Multiple answer type) and/or NAT (Numerical Answer Type) (No negative marking)	20	20
Total	50	50

Content:

1. General Aptitude
2. English
3. Physics, Chemistry
4. Maths **OR** Biology
5. Environmental General Knowledge

I/4487/2023

12. Post Name – Lower Division ClerkDuration of exam: 1 hour

Type of Questions	Number of Questions	Marks
	1-Mark	
MCQ (Single answer type) (1/6 negative marking)	30	30
MSQ (Multiple answer type) and/or NAT (Numerical Answer Type) (No negative marking)	20	20
Total	50	50

Content:

1. General Aptitude
2. English
3. Maths
4. Environmental General Knowledge

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13. Post Name – Field AttendantDuration of exam: 1 hour

Type of Questions	Number of Questions	Marks
	1-Mark	
MCQ (Single answer type) (1/6 negative marking)	30	30
MSQ (Multiple answer type) and/or NAT (Numerical Answer Type) (No negative marking)	20	20
Total	50	50

Content:

1. General Aptitude
2. English
3. Maths
4. Environmental General Knowledge

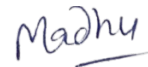
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14. Post Name – Multi-tasking staffDuration of exam: 1 hour

Type of Questions	Number of Questions	Marks
	1-Mark	
MCQ (Single answer type) (1/6 negative marking)	30	30
MSQ (Multiple answer type) and/or NAT (Numerical Answer Type) (No negative marking)	20	20
Total	50	50

Content:

1. General Aptitude
2. English
3. Maths
4. Environmental General Knowledge



(Madhu Luthra)
Administrative Officer (R)
Date: 01.05.2023