

GOVERNMENT OF INDIA  
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

**RAJYA SABHA**  
**UNSTARRED QUESTION NO. 3071**  
TO BE ANSWERED ON 27.03.2025

**Air pollution levels**

3071. SHRI C. VE. SHANMUGAM:

Will the Minister of ENVIRONMENT, FOREST AND CLIMATE CHANGE be pleased to state:

- (a) Whether it is a fact that all kinds of pollution, especially air pollution in the country is continuously rising;
- (b) if so, the details thereof and the reasons therefor;
- (c) whether Government had set targets vis-a-vis National Clean Air Programme for reduction of particulate levels;
- (d) if so, the details thereof and the progress achieved against those targets; and
- (e) steps taken by Government to reduce pollution levels in the country?

**ANSWER**

MINISTER OF STATE IN THE MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE  
(SHRI KIRTI VARDHAN SINGH)

**(a) to (e):** Details of air pollution in terms of PM10 levels measured in 411 cities during the year 2023 are enclosed at **Annexure I**. To address air pollution, Ministry of Environment, Forest and Climate Change (MoEFCC) launched National Clean Air Programme (NCAP) and it aims to improve air quality in 130 cities (non-attainment cities and Million Plus Cities) in 24 States/UTs through implementation of National, State and City level clean air action plans. Details of air pollution reduction targets in terms of PM10 levels and achievements in 130 targeted cities of NCAP are placed at **Annexure II**. Some of the key measures taken by the Central Government for air quality management are enclosed at **Annexure III**.

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**Annexure I**

**Details of annual average of PM10 levels in 411 cities during the year 2023**

<b>Sl. No.</b>	<b>State / Union Territory</b>	<b>City</b>	<b>PM10 levels (µg/m<sup>3</sup>)</b>
1.	Andaman & Nicobar Islands (UT)	Port Blair	22
2.	Andhra Pradesh	Amaravati	71
3.		Anantapur	58
4.		Chittoor	57
5.		Kadapa	53
6.		Kakinada	76
7.		Kurnool	60
8.		Rajahmundry/Rajamahendravaram	78
9.		Srikakulam	72
10.		Tirupati	61
11.		Vijayawada	71
12.		Visakhapatnam	129
13.		Vizianagaram	74
14.		Arunachal Pradesh	Naharlagun
15.	Assam	Bongaigaon	51
16.		Brynihat	289
17.		Guwahati	120
18.		Nagaon	113
19.		Nalbari	132
20.		Silcher	33
21.		Sivasagar	40
22.		Tinsukia	52
23.	Bihar	Araria	167
24.		Arrah	168
25.		Aurangabad	139
26.		Begusarai	264
27.		Bettiah	187
28.		Bhagalpur	167
29.		Bihar Sharif	121
30.		Chhapra	210
31.		Katihar	193
32.		Kishanganj	148
33.		Manguraha	91
34.		Motihari	142

Sl. No.	State / Union Territory	City	PM10 levels ( $\mu\text{g}/\text{m}^3$ )
35.		Munger	193
36.	Bihar	Gaya	119
37.		Hajipur	173
38.		Muzaffarpur	179
39.		Patna	183
40.		Purnia	154
41.		Rajgir	141
42.		Saharsa	183
43.		Samastipur	184
44.		Sasaram	99
45.		Siwan	176
46.	Chandigarh (UT)	Chandigarh	113
47.	Chhattisgarh	Bilaspur	71
48.		Chhal	64
49.		DurgBhillainagar	66
50.		Korba	65
51.		Kunjemura	96
52.		Milupara	50
53.		Raigarh	93
54.		Raipur	77
55.		Tumidh	88
56.	Delhi (UT)	Delhi	205
57.	Goa	Mapusa	62
58.		Panaji	71
59.	Gujarat	Ahmedabad	100
60.		Ankleshwar	91
61.		Gandhinagar	87
62.		Nandesari	25
63.		Rajkot	94
64.		Surat	121
65.		Vadodara	96
66.		Vapi	105
67.		Vatva	118
68.	Haryana	Ambala	81
69.		Bahadurgarh	149
70.		Ballabgarh	137
71.		Bhiwani	126
72.		Charkhi Dadri	135
73.		Dharuhera	185

<b>Sl. No.</b>	<b>State / Union Territory</b>	<b>City</b>	<b>PM10 levels (µg/m<sup>3</sup>)</b>
74.		Faridabad	196
75.		Fatehabad	139
76.		Gurgaon	176
77.		Hissar	136
78.		Jind	103
79.		Kaithal	126
80.		Karnal	92
81.		Kurukshetra	110
82.		Mandikhera	101
83.		Manesar	138
84.		Narnaul	129
85.		Palwal	89
86.		Panipat	132
87.		Sirsa	106
88.		Sonipat	178
89.		Yamuna Nagar	129
90.		Baddi	119
91.		Damtal	53
92.		Dharamshala	43
93.		Kala Amb	95
94.		Manali	37
95.	Himachal Pradesh	Nalagarh	64
96.		Parwanoo	41
97.		Poanta Sahib	89
98.		Shimla	34
99.		Sunder Nagar	43
100.		Una	65
101.		Vashisht	42
102.	Jammu & Kashmir (UT)	Jammu	108
103.		Ramban (J)	54
104.		Srinagar (K)	90
105.		Dhanbad	148
106.	Jharkhand	Jamshedpur	127
107.		Jorapokhar	154
108.		Ranchi	107
109.		Bagalkote	47
110.	Karnataka	Bangalore	68
111.		Belgaum	74
112.		Bidar	58
113.		Bijapur / Vijayapura	47

Sl. No.	State / Union Territory	City	PM10 levels (µg/m <sup>3</sup> )
114.		Chamarajanagar	43
115.	Karnataka	Chikkaballapur	64
116.		Chikkamagaluru	46
117.		Devanagere	72
118.		Gadag	54
119.		Gulbarga / Kalaburgi	63
120.		Hassan	66
121.		Haveri	62
122.		HubliDharwad	82
123.		Kolar	82
124.		Koppal	49
125.		Madikeri	33
126.		Mandya	40
127.		Mangalore	76
128.		Mysore	51
129.		Raichur	84
130.		Ramanagara	57
131.		Shimaga / Shivamogga	44
132.		Tumkuru	103
133.		Udupi	31
134.		Yadgir	61
135.	Kerala	Alappuzha	44
136.		Eloor	64
137.		Kannur	68
138.		Kochi	75
139.		Kollam	73
140.		Kottayam	51
141.		Kozhikode	46
142.		Mallappuram	31
143.		Palakkad	49
144.		Pathanamthitta	30
145.		Thiruvananthapuram	42
146.		Thrissur	73
147.		Wayanad	40
148.	Madhya Pradesh	Amlai	67
149.		Bhopal	111
150.		Chindwara	74
151.		Damoh	40
152.		Dewas	99
153.		Gwalior	139

Sl. No.	State / Union Territory	City	PM10 levels (µg/m <sup>3</sup> )	
154.		Indore	107	
155.		Jabalpur	103	
156.		Katni	127	
157.		Maihar	50	
158.		Mandideep	122	
159.		Pithampur	108	
160.		Ratlam	100	
161.		Sagar	73	
162.		Satna	104	
163.		Singrauli	143	
164.		Ujjain	92	
165.		Maharashtra	Akola	76
166.			Amravati	79
167.			Aurangabad	139
168.	Badlapur		143	
169.	Belapur		81	
170.	Bhiwandi		81	
171.	Boisar		97	
172.	Chandrapur		106	
173.	Dhule		105	
174.	Dombivali / Kalyan		133	
175.	Jalgaon		88	
176.	Jalna		91	
177.	Kolhapur		80	
178.	Latur		58	
179.	Mahad		76	
180.	Malegao		105	
181.	Mira Bhayander		97	
182.	Mumbai		108	
183.	Nagpur		94	
184.	Nanded		75	
185.	Nashik	68		
186.	Navi Mumbai	106		
187.	PimpriChinchwad	93		
188.	Pune	99		
189.	Roha	97		
190.	Sangli	73		
191.	Solapur	96		
192.	Tarapur	110		
193.	Thane	112		

<b>Sl. No.</b>	<b>State / Union Territory</b>	<b>City</b>	<b>PM10 levels (µg/m<sup>3</sup>)</b>
194.	Maharashtra	Ulhasnagar	137
195.	Maharashtra	VasaiVirar	119
196.	Manipur	Imphal	75
197.	Meghalaya	Byrnihat	100
198.		Dawki	41
199.		Khlihriat	50
200.		Nongstoin	45
201.		Shillong	58
202.		Tura	45
203.		Umsning	90
204.	Mizoram	Aizwal	52
205.		Champhai	29
206.		Kolasib	19
207.		Lawngtlai	47
208.		Lunglei	12
209.		Mamit	36
210.		Siaha	32
211.		Serchhip	22
212.	Nagaland	Dimapur	97
213.		Kohima	69
214.	Odisha	Angul	142
215.		Balasore	106
216.		Baripada	101
217.		Bhubaneshwar	111
218.		Bileipada	165
219.		Brajrajnagar	78
220.		Cuttack	129
221.		Jharsuguda	112
222.		Keonjhar	100
223.		Konark	64
224.		Nayagarh	129
225.		Paradeep	90
226.		Puri	98
227.		Rajgangpur	99
228.		Rourkela	127
229.		Sambalpur	111
230.		Suakati	112
231.		Talcher	110
232.	Tensa	85	

Sl. No.	State / Union Territory	City	PM10 levels ( $\mu\text{g}/\text{m}^3$ )
233.	Pondicherry (UT)	Karaikal	40
234.	Pondicherry (UT)	Pondicherry	50
235.	Punjab	Amritsar	117
236.		Aspal Khurd (Tapa)	87
237.		Barnala	92
238.		Batala	71
239.		Bhatinda	124
240.		Changal (Sangrur)	85
241.		Dera Baba Nanak/Pathankot	55
242.		Dera Bassi	105
243.		Faridkot	89
244.		Fatehpur (Samana)	85
245.		Fazilka	94
246.		Gobindgarh Mandi	125
247.		Gurdaspur	81
248.		Guru Ki Dhab (Kotkapura)	79
249.		Jaito Sarja (Batala)	68
250.		Jalandhar	116
251.		Khanna	98
252.		Kharaori (Sirhind)	86
253.		Kotladoo (Ajnala)	102
254.		Lakho ke Behram (Ferozpur)	81
255.		Ludhiana	169
256.		Malerkota	92
257.		Moga	88
258.		Mohali	100
259.		Mrar Kalan (Muktsar)	82
260.		Mukandpur (Nawashahar)	65
261.		Mureedke (Batala)	77
262.	Naudhrani (Malerkotla)	82	
263.	Naya Nangal	60	
264.	Patiala	92	
265.	Peer Mohammad (Jalalabad)	84	
266.	Poohli (Bhatinda)	86	
267.	Qila Bharian (Sangrur)	85	
268.	Rakhra (Patiala)	85	
269.	Rohila (Samrala)	84	
270.	Rupnagar	142	



Sl. No.	State / Union Territory	City	PM10 levels ( $\mu\text{g}/\text{m}^3$ )
271.		SBS Nagar	92
272.		Sirhind	93
273.	Punjab	Tirathpur (Amritsar I)	104
274.		Ajmer	101
275.		Alwar	128
276.		Banswara	110
277.		Baran	111
278.		Barmer	102
279.		Bharatpur	168
280.		Bhilwara	121
281.		Bhiwadi	226
282.		Bikaner	174
283.		Bundi	136
284.		Chittorgarh	114
285.		Churu	116
286.		Dausa	163
287.		Dholpur	127
288.		Dungarpur	99
289.		Hanumangarh	211
290.	Rajasthan	Jaipur	143
291.		Jaisalmer	139
292.		Jalore	163
293.		Jhalawar	98
294.		Jhunjhunu	127
295.		Jodhpur	127
296.		Karauli	60
297.		Kota	122
298.		Nagaur	135
299.		Pali	110
300.		Pratapgarh	100
301.		Rajasmand	93
302.		Sawai Madhopur	108
303.		Sikar	147
304.		Sirohi	88
305.		Sri Ganganagar	216
306.		Tonk	170
307.		Udaipur	122
308.		Gangtok	34
309.	Sikkim	Mangan	41
310.		Singtam	63

Sl. No.	State / Union Territory	City	PM10 levels (µg/m <sup>3</sup> )
311.	Tamilnadu	Ariyalura	43
312.		Chennai	63
313.	Tamilnadu	Coimbatore	83
314.		Cuddalore	42
315.		Dharmapuri	42
316.		Dindigul	52
317.		Gummidipoondi	119
318.		Hosur	77
319.		Kanchipuram	51
320.		Madurai	69
321.		Mettur	43
322.		Nagercoil	55
323.		Ooty	55
324.		Palkalaiperur	37
325.		Perambalur	34
326.		Ramanathapuram	43
327.		Sivagangai	51
328.		Trichy	45
329.		Theni	54
330.		Tirupur	59
331.		Tiruvannamalai	51
332.		Tiruvarur	42
333.		Vellore	76
334.		Villupuram	43
335.		Tuticorin / Thoothukudi	56
336.	Telangana	Choutupal	89
337.		Hyderabad	86
338.		Khammam	76
339.		Sangareddy	84
340.	Tripura	Agartala	117
341.	Uttar Pradesh	Agra	112
342.		Allahabad	123
343.		Anpara	165
344.		Baghpat	160
345.		Bareilly	85
346.		Bulandshahr	132
347.		Firozabad	109
348.		Gajroula	170
349.		Ghaziabad	176
350.		Gorakhpur	115

Sl. No.	State / Union Territory	City	PM10 levels (µg/m <sup>3</sup> )
351.		Greater Noida	228
352.		Hapur	127
353.	Uttar Pradesh	Jhansi	99
354.		Kanpur	128
355.		Khurja	118
356.		Lucknow	141
357.		Mathura	168
358.		Meerut	166
359.		Moradabad	111
360.		Muzaffarnagar	159
361.		Noida	183
362.		Raebareli	93
363.		Unnao	118
364.		Varanasi	79
365.		Vrindavan	120
366.		Uttarakhand	Dehradun
367.	Kashipur		97
368.	Rishikesh		77
369.	West Bengal	Makhrapara /Alipurduar	65
370.		Amtala	83
371.		Asansol+Raniganj	115
372.		Baharampur	70
373.		Balurghat	70
374.		Bankura	66
375.		Barasat	79
376.		Bardhaman	67
377.		Barrackpore	81
378.		Baruipur	83
379.		Birpara	69
380.		Bolpur	63
381.		Chinsura	73
382.		Coochbihar	66
383.		Dankuni	77
384.		Darjeeling	52
385.		Durgapur	110
386.		English Bazaar/Malda	72
387.		Ghatal	68
388.		Haldia	86
389.		Howrah	115
390.	Jaigaon	76	

Sl. No.	State / Union Territory	City	PM10 levels (µg/m <sup>3</sup> )
391.		Jalpaiguri	68
392.		Jhargram	73
393.	West Bengal	Kalimpong	52
394.		Kalyani	73
395.		Kharagpur	86
396.		Kolkata	94
397.		Krishnanagar	69
398.		Madhyamgram	75
399.		Medinipur	75
400.		Purulia	63
401.		Raigunj	72
402.		Rampurhat	66
403.		Ranaghat	72
404.		Rishra	80
405.		Sankrail	105
406.		Siliguri	80
407.		Suri	66
408.		Tamluk	77
409.		Tribeni (Bansberia)	75
410.		Uluberia	102
411.		Uttarpara	70

**Annexure II**

**Details of air pollution reduction targets and achievement in terms of PM10 levels for 130 cities in FY 2023-24**

<b>Sl. No.</b>	<b>States</b>	<b>Cities</b>	<b>PM10 concentrations in 2022-23 (µg/m<sup>3</sup>) (Annual Avg.)</b>	<b>Annual target for FY 2023-24 (µg/m<sup>3</sup>)</b>	<b>PM10 concentrations in 2023-24 (µg/m<sup>3</sup>) (Annual Avg.)</b>
1.	Maharashtra	Akola	62	4	85
2.	Rajasthan	Alwar	116	8	127
3.	Maharashtra	Amravati	68	5	87
4.	Andhra Pradesh	Ananthpur	57	3	59
5.	Odisha	Angul	98	6	167
6.	Uttar Pradesh	Anpara	166	14	166
7.	Himachal Pradesh	Baddi	145	9	111
8.	Odisha	Balasore	82	5	124
9.	Uttar Pradesh	Bareilly	110	14	80
10.	Odisha	Bhubneshwar	118	6	114
11.	Meghalaya	Byrnihat	131	6	104
12.	Chandigarh	Chandigarh	116	5	116
13.	Maharashtra	Chandrapur	121	5	102
14.	Andhra Pradesh	Chittur	52	3	59
15.	Odisha	Cuttack	105	6	129
16.	Uttarakhand	Dehradun	117	13	109
17.	Delhi	Delhi	209	14	208
18.	Punjab	Dera Baba Nanak	58	4	56
19.	Punjab	Dera Bassi	104	6	102
20.	Karnataka	Devanagere	61	3	66
21.	Madhya Pradesh	Dewas	105	5	99
22.	Nagaland	Dimapur	91	5	97
23.	West Bengal	Durgapur	139	9	106
24.	Andhra Pradesh	Eluru	66	3	68
25.	Uttar Pradesh	Firozabad	106	18	102
26.	Uttar Pradesh	Gajraula	194	19	167

Sl. No.	States	Cities	PM10 concentrations in 2022-23 ( $\mu\text{g}/\text{m}^3$ ) (Annual Avg.)	Annual target for FY 2023-24 ( $\mu\text{g}/\text{m}^3$ )	PM10 concentrations in 2023-24 ( $\mu\text{g}/\text{m}^3$ ) (Annual Avg.)
27.	Bihar	Gaya	150	4	104
28.	Uttar Pradesh	Gorakhpur	102	29	111
29.	Karnataka	Gulburga / Kalaburgi	74	5	56
30.	Andhra Pradesh	Guntur	60	3	61
31.	Assam	Guwahati	106	7	119
32.	West Bengal	Haldia	91	4	87
33.	Karnataka	Hubli-Dharwad	76	4	71
34.	Punjab	Jalandhar	126	8	111
35.	Maharashtra	Jalgaon	66	3	97
36.	Maharashtra	Jalna	93	6	102
37.	Jammu	Jammu	158	11	101
38.	Uttar Pradesh	Jhansi	118	6	96
39.	Andhra Pradesh	Kadapa	57	2	42
40.	Odisha	Kalinga Nagar	104	6	101
41.	Uttarakhand	Kashipur	112	9	98
42.	Punjab	Khanna	103	7	100
43.	Uttar Pradesh	Khurja	150	22	104
44.	Nagaland	Kohima	72	4	68
45.	Maharashtra	Kolhapur	80	5	86
46.	Chattisgarh	Korba	70	3	59
47.	Andhra Pradesh	Kurnool	64	3	56
48.	Maharashtra	Latur	53	5	66
49.	Punjab	Mandi Gobindgarh	131	9	126
50.	Uttar Pradesh	Moradabad	116	24	115
51.	Bihar	Muzaffarpur	175	8	168
52.	Assam	Nagaon	121	5	107
53.	Himachal Pradesh	Nalagarh	78	7	68
54.	Assam	Nalbari	128	4	127
55.	Telangana	Nalgonda	55	3	59
56.	Punjab	Naya Nangal	63	6	59

Sl. No.	States	Cities	PM10 concentrations in 2022-23 ( $\mu\text{g}/\text{m}^3$ ) (Annual Avg.)	Annual target for FY 2023-24 ( $\mu\text{g}/\text{m}^3$ )	PM10 concentrations in 2023-24 ( $\mu\text{g}/\text{m}^3$ ) (Annual Avg.)
57.	Andhra Pradesh	Nellore	56	4	52
58.	Uttar Pradesh	Noida	202	18	182
59.	Andhra Pradesh	Ongole	50	3	56
60.	Himachal Pradesh	Paonta Sahib	103	4	90
61.	Punjab	Patiala	103	6	91
62.	Uttar Pradesh	Raebareli	102	11	91
63.	Andhra Pradesh	Rajamuhndary	68	3	76
64.	Uttarakhand	Rishikesh	103	9	76
65.	Odisha	Rourkela	126	7	111
66.	Madhya Pradesh	Sagar	83	4	74
67.	Telangana	Sangareddy	86	5	81
68.	Maharashtra	Sangli	69	4	77
69.	Assam	Silchar	49	2	32
70.	Maharashtra	Solapur	76	5	96
71.	Andhra Pradesh	Srikakulam	71	3	68
72.	Jammu	Srinagar	88	8	96
73.	Himachal Pradesh	Sunder Nagar	46	4	44
74.	Odisha	Talcher	93	7	113
75.	Tamil Nadu	Tuticorin	54	5	57
76.	Rajasthan	Udaipur	128	9	121
77.	Madhya Pradesh	Ujjain	111	5	84
78.	Andhra Pradesh	Vizhianagaram	75	4	73
79.	Assam	Sivasagar	42	Cities to maintain same PM10 levels or to be within National standards (60 $\mu\text{g}/\text{m}^3$ )	41
80.	Himachal Pradesh	Parwanoo	47		39
81.	Himachal Pradesh	Kala Amb	93		100
82.	Himachal Pradesh	Damtal	64		52

Sl. No.	States	Cities	PM10 concentrations in 2022-23 ( $\mu\text{g}/\text{m}^3$ ) (Annual Avg.)	Annual target for FY 2023-24 ( $\mu\text{g}/\text{m}^3$ )	PM10 concentrations in 2023-24 ( $\mu\text{g}/\text{m}^3$ ) (Annual Avg.)	
83.	Uttar Pradesh	*Agra	118	15% reduction from the levels of FY 2022-23	116	
84.	Gujarat	*Ahmedabad	91		98	
85.	Uttar Pradesh	*Allahabad	125		124	
86.	Punjab	*Amritsar	120		119	
87.	West Bengal	*Asansol	147		108	
88.	Maharashtra	*Aurangabad	107		98	
89.	Karnataka	*Bengaluru	68		70	
90.	Madhya Pradesh	*Bhopal	124		113	
91.	Tamil Nadu	*Chennai	66		63	
92.	Jharkhand	*Dhanbad	203		138	
93.	Chattisgarh	*Durg Bhilainagar	70		68	
94.	Haryana	*Faridabad	212		190	
95.	Uttar Pradesh	*Ghaziabad	198		172	
96.	Maharashtra	*Greater Mumbai	116			94
97.		*Navi Mumbai				
98.		*Badlapur				
99.		*Thane				
100.		*Ulhasnagar				
101.	Madhya Pradesh	*Gwalior	145		136	
102.	Telangana	*Hyderabad	83		81	
103.	Madhya Pradesh	*Indore	109		99	
104.	Madhya Pradesh	*Jabalpur	125		91	
105.	Rajasthan	*Jaipur	143		148	
106.	Jharkhand	*Jamshedpur	126	130		
107.	Rajasthan	*Jodhpur	146	124		
108.	Uttar Pradesh	*Kanpur	143	125		
109.	West Bengal	*Kolkata	97	94		
110.		*Barrackpore	84	99		
111.		*Howrah	125	111		
112.	Rajasthan	*Kota	128	124		
113.	Uttar Pradesh	*Lucknow	149	137		



Sl. No.	States	Cities	PM10 concentrations in 2022-23 ( $\mu\text{g}/\text{m}^3$ ) (Annual Avg.)	Annual target for FY 2023-24 ( $\mu\text{g}/\text{m}^3$ )	PM10 concentrations in 2023-24 ( $\mu\text{g}/\text{m}^3$ ) (Annual Avg.)
114.	Punjab	*Ludhiana	163	15% reduction from the levels of FY 2022-23	161
115.	Tamil Nadu	*Madurai	68		68
116.	Uttar Pradesh	*Meerut	177		149
117.	Maharashtra	*Nagpur	97		94
118.	Maharashtra	*Nashik	62		72
119.	Bihar	*Patna	193		178
120.	Maharashtra	*Pune	96		98
121.	Chattisgarh	*Raipur	78		76
122.	Gujarat	*Rajkot	92		92
123.	Jharkhand	*Ranchi	107		107
124.	Gujarat	*Surat	118		103
125.	Tamil Nadu	*Trichy	47		47
126.	Gujarat	*Vadodara	104		95
127.	Uttar Pradesh	*Varanasi	94		73
128.	Maharashtra	*Vasai virar	155		125
129.	Andhra Pradesh	*Vijayawada	90	61	
130.	Andhra Pradesh	*Visakhapatnam	116	120	

**Measures taken by the Central Government for air quality management**

- i. Emission standards for more than 80 industries have been notified under Environment (Protection) Rules, 1986
- ii. Emission standards recently notified/revised:
  - a) Thermal power plants
  - b) Diesel/petrol/CNG generator sets
  - c) Industrial boilers
  - d) Lime Kilns
  - e) Brick kilns and conversion of zig-zag technology
  - f) Calcinated petcoke industry
  - g) Hot mix plants
- iii. Leapfrogging to Bharat Stage-VI (BS-VI) emissions norms from 1st April 2020
- iv. Vehicle Scrapping Policy, Rules for Registered Vehicle Scrapping Facilities and Automated Testing Stations by MoRTH
- v. Waste management rules for solid waste, plastic waste, hazardous waste, e-waste, battery waste, biomedical waste, 100% ash utilisation by Thermal Power Plants
- vi. Market-based Extended Producer Responsibility (EPR) regulations introduced for waste categories, viz. plastic packaging, e-waste, battery waste, waste tyres & used oil
- vii. 12 identified Single-Use Plastics (SUP) having high littering potential and low utility were banned from 1st July, 2022
- viii. Mandate for utilisation of minimum 5% of crop residue along with coal (pellets/brickettes) in thermal power plants in NCR and adjoining areas
- ix. Categorization of industrial areas as Critically and Severely Polluted Areas (CPAs/SPAs) based on Comprehensive Environmental Pollution Index (CEPI).

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