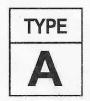
GEMI

Examination for the Post of ASSISTANT ENVIRONMENTAL ENGINEER



[Kindly fill up your	seat num	iber cai	efull	y]	
Seat Number					

2000561

[Please read the following carefully before making an attempt to take the Test]

No. of Questions	100
Total Marks allotted	100
Marks for every correct Answer	1
No negative marks will be awarded	For Option "E"
Marks deducted for every wrong Answer or Blank options	0.25
Timelimit	120 minutes

Instructions for Candidates

- 1. **Keep** only the **Hall Ticket**, pencil, eraser and Black/
 Blue ball pen with you. DO NOT keep with you books, rulers, slide rules, drawing instruments, calculators (including watch calculators), pagers, cellular phones, or any other device.
- 2. Fill up all the details as indicated on top of the QUESTION BOOKLET and OMR Sheet.
- 3. Fill up correctly your SEAT number both on the QUESTION BOOKLET and OMR Sheet.
- 4. Read these directions carefully and answer the questions by darkening the appropriate ovals.

All questions are Multiple Choice Questions (MCQs). Each of these questions has four options for answer, out of which only ONE option is correct. A candidate has to select the correct option and fill the corresponding letter in the OMR Sheet against the question.

For Example:

- 1) Ahmedabad is the city of which State?
 - (A) Maharashtra
- (B) Tamilnadu
- (C) Gujarat
- (D) Andhra Pradesh









In above example true answer is (C), so the circle of (C) is encoded. Don't write Gujarat in answer.

5. There shall be negative marking for each incorrect answer, 0.25 marks will be deducted from the

- candidate's total marks. No negative marks will be awarded, if the option "E" is selected by the candidates. "E" is not option of answer. However, 0.25 will be deducted if all the options are kept blank
- 6. Shade the appropriate oval against each question in the OMR sheet. Shade the oval completely and do not shade more than one oval as in that case the answer will be treated null and void and 0.25 marks would be deducted.
- 7. Use blue/black ball point pen only for writing particulars on this page and writing or marking responses on OMR Sheet/shade the oval.
- 8. The candidates should ensure that the OMR sheet is not folded or damaged. Do not make any stray marks on the OMR sheet or mutilate the OMR Sheet.
- Do all rough work on the Question booklet only and NOT on the OMR Sheet. No extra sheet is to be used for the rough work.
- 10. Ensure that you have signed your name on the attendance sheet circulated by the invigilator. Ensure that the invigilator has signed on the Question Booklet and the OMR Sheet.
- 11. On completion of the test, the candidate MUST HAND OVER the OMR SHEET to the Invigilator in the room/hall.
- 12. Strictly follow the instructions of the invigilator.
 Candidates refusing to comply with the instructions will be expelled from the test.

1. Acclimatization Test comprises of one of the following Process (A) Establishment of a concentration at which a Particular end point occurs. (B) To accustom test organisms to different environmental conditions. (C) Monitoring of death & immobilization. (D) Range finding exposures. 2. While Performing toxicity test, which QA/QC practice is performed? (Λ) Removal of debris from effluent sample by membrane filtration technique. (B) Presence of indigenous organisms is inhibited by centrifugation & use of supernatant. (C) If indigenous organisms show predation or competition the sample is passed through 60 µm mesh sieve. (D) None of the above. 3. Which inhibitor compound is used for the cultivation if faecal streptococci for eliminating background microorganisms? (A) Nalidixic Acid. (B) Tryptone. (C) TTC (Triphenyl Tetrazolium Chloride). (D) Lactophenol blue. 4. Macro invertebrates are visible to the unaided eye and retained on which of the following? (A) 0.02 to 0.03 µm openings. (B) 0.5 to 0.6 mm openings. (C) 0.5 to 0.6. µm openings. (D) 0.6 to 0.8 μ m openings. Growth of Lactose fermenting Clostridia can be inhibited by addition of one of the following ingredients in media? (A) Brain Heart Infusion (B) Tryptone (C) Ox bile (D) Brilliant Green 6. Which of the following statement is correct with reference to gas chromatography. (1) Gas chromatography is used to analyse gases, solutions and solids. (2) Stationary phase can be solid adsorbent or liquid in gas chromatography. (3) FTIR and MS [Mass spectrometry] also used as a detector in gas chromatography. (4) Can be used only with capillary column. (A) Only 1 and 4 (B) Only 1, 2, and 3 (C) Only 1, 2 and 4 (D) All are Correct Which of the following does not cause a deviation from Beer's law in UV-Visible 7. Spectrophotometer? (A) Stray Radiation. (B) Monochromatic Light. (C) Fluorescence of the sample. (D) The absorbing Species involved in an equilibrium reaction. 8. In Atomic Absorption Spectroscopy [AAS], Which of the following is the generally used radiation (A) Tungsten- Halogen lamp. (B) Tungsten filament lamp. (C) Xenon mercury arc lamp. (D) Hollow-cathode lamp.

- 9. Which of the following statements is not correct with reference to the detector in gas chromatography?
 - (A) Flame Ionization detector [FID] is not sensitive towards non-combustible gases such as H₂O and CO₂
 - (B) In Electron Capture Detector [ECD] the sample elute from the column is passed over a radioactive β emitter.
 - (C) Graphite is used as a heating element in a thermal conductivity Detector [TCD].
 - (D) Mass Spectrometer measures the mass to charge ration $[m/\zeta]$ at ions that have been produced from the sample.
- 10. All of the following are useful as a source for UV-Visible Spectrophotometer Except-
 - (A) Ultraviolet lamp
 - (B) Quartz-Halogen lamp.
 - (C) Deuterium lamp.
 - (D) Tungsten filament lamp.
- 11. Which of the following methods is not utilized for the determination of Nitrate in Water?
 - (A) Cadmium Reduction method.
 - (B) Nitrate Electrode Method.
 - (C) Phenate method.
 - (D) UV spectrophotometric screening method.
- 12. Which of the following statements is not correct for the determination of chemical oxygen demand by open reflux method
 - (A) Chloride ion interference by reacting with silver ion to precipitate silver chloride.
 - (B) Chloride ion interference by reacting with dichromate to produce elemental form of halogen and chromic ion.
 - (C) To eliminate Nitrite interference, Sulfamic Acid is added to potassium dichromate reagent.
 - (D) To eliminate chloride interference, silver sulfate is added to concentrated Sulfuric Acid.
- 13. Read the following matching.

A. Analysis Method	B. Measure @ Wave Length
1. Sulfate by Turbidimetric Method	1. 420 nm
2. Nitrite by Colorimetric Method	2. 543 nm
3. COD [Chemical Oxygen Demand] by Colorimetric Method	3. 600 nm and/or 420 nm
4. Fluoride by SPADNS Method	4. 690 nm

- (A) Only 1,2, and 3 are Correctly matching.
- (B) Only 1,2, and 4 are Correctly matching.
- (C) Only 1 and 2 are Correctly matching.
- (D) All of the above are Correctly matching.
- 14. Which of the following indicators is also used for the determination of Total Acidity in Water.
 - (A) Bromphenol Blue Indicator.

(B) Meta cresol purple Indicator.

(C) Potassium Chromate Indicator.

(D) Ferroin Indicator.

15.	magnesium ion at pH 10.0 ± 0.1 to form	color complex.			
	(A) Blue Color Complex.	(B) Wine red Color Complex.			
	(C) Purple Color Complex.	(D) Pink Color Complex.			
16.	As per IS: 10500-2012 Drinking Water Spec permissible limit is	ification for Total Dissolved Solids (TDS), the			
	(A) 2000 mg/l	(B) 200 mg/l			
	(C) 500 mg/l	(D) 45 mg/l			
17.	What is the advantage of Electrocoagulation (A) Toxic intermediate metabolites	process?			
	(B) Energy consumption				
	(C) Sludge generation				
	(D) Chemical Free				
18.	For non-carcinogenic contaminants, Which l	evel is known as the reference dose (RfD)?			
	(A) no pollution	(B) no effect			
	(C) no detection	(D) no poison			
19.	Arsenic has an interim primary drinking water quality standard of				
	(A) 0.05 mg/l	(B) 0.5 mg/l			
	(C) 0.02 mg/l	(D) 0.0005 mg/l			
20.	Which of the following operations represents the increase in concentration of a particular component at the surface or interface between two phases?				
	(A) Adsorption	(B) Absorption			
	(C) Filtration	(D) Aeration			
21.	Which factor is not affecting the Adsorption process?				
	(A) Nature of the adsorbent	(B) Particle size			
	(C) Chemistry of the surface	(D) Pressure			
22.	Most of the odors caused by organic substances in drinking waters are not volatile enough to be removed effectively by				
	(A) Adsorption	(B) Absorption			
	(C) Filtration	(D) Aeration			
23.	Reduction of the repulsive potential of the electrical double layer, which allows particles to approach closely enough for van der Waals forces to hold them together results in to				
	(A) Adsorption	(B) Coagulation			
	(C) Absorption	(D) Filtration			
24.	Reverse Osmosis is driven pro	ocess.			
	(A) Temperature	(B) Concentration			
	(C) Pressure	(D) Density			

25.	Which operation involves the transfer of ions more concentrated solution that results from	s through membranes from a lower concentration to a			
	(A) Reverse Osmosis				
	(C) Ozonation	(B) Electrodialysis			
	(C) Ozonation	(D) Ultrafiltration			
26.	Which of the following operations is a pressu	rized process for fractionating and concentrating			
	solutions containing colloids and high-molecular-weight materials?				
	(A) Reverse Osmosis	(B) Electrodialysis			
	(C) Ultrafiltration	(D) Ozonation			
27.	Which of the following is not a tertiary treatment process?				
	(A) Advanced Oxidation	(B) Screening			
	(C) Ion exchange	(D) Activated carbon adsorption			
28.	Rate for sedimentation processed assert design	•			
20.	Rate for sedimentation process does not dep (A) Viscosity of fluid	end upon			
	(B) Size and Shape of settling particles				
	(C) Density of fluid and settling particles				
	(D) Pressure				
	(D) Hessure				
29.	Which of the following is not a disinfection pr	rocess?			
	(A) Coagulation	(B) Ozonation			
	(C) UV Radiation	(D) Chlorination			
30.	satisfied - the chlorine has reacted with all red known as breakpoint. Beyond the break poin				
	(A) no free chlorine is available for disinfectio	n			
	(B) hypochlorous acid formation starts				
	(C) trihalomethane production starts				
	(D) free chlorine is available for continuous dis	sinfection			
31.	ISWM stands for				
	(A) Integrated Solid waste management				
	(B) Interstate Solid waste management				
	(C) Integrated Solid Waste machine				
	(D) Integrated Solid Waste Material	in this first the same of the			
32.	In waste management hierarchy the most favored option is				
	(A) Reuse	(B) Recycle			
	(C) Prevention	(D) Disposal			
33.	The process of burning municipal solid wastes specific furnace is called.	s under suitable temperature and conditions in a			
	(A) Vermicomposting	(B) Recycling			
	(C) Incineration	(D) Deep Burial			

34.	The liquid generated and percolated through Landfill mass is called				
	(A) Sludge	(B) Leachate			
	(C) Distilled Water	(D) Biofuel			
35.	Which is a biological process of municipal solid water treatment?				
	(A) Composting	(B) Screening			
	(C) Shredding	(D) Incineration			
36.	Which of the following is not recommended for the thermal treatment of solid waste?				
	(A) Gasification	(B) Pyrolysis			
	(C) Plasma Pyrolysis	(D) Open Burning			
37.	Which of the following movement	s was carried out for the management of municipal solid waste?			
1	(A) Swachh Bharat Mission	(B) Tehri andolan			
	(C) Forest movement	(D) Chipko andolan			
38.	Which of the following factors is n system?	not needed to be considered for the design of waste collection			
	(A) Routing	(B) Vehicles time on the route			
	(C) Number of vehicles	(D) Method of thermal treatment			
39.	What is solid waste management?				
	(A) Comprehensive program for waste recycling only				
	(B) Comprehensive program for waste reuse only				
	(C) Comprehensive program for waste prevention, reuse, recycle, recover and disposal				
	(D) Comprehensive program for w	vaste disposal only			
40.	Which of the following cannot be c	considered as municipal solid waste.			
	(A) Food waste	(B) Discarded phone			
	(C) Newspaper	(D) Discarded cloth			
41.	Peroxyacylnitrate(PAN) is forme	d due to			
	(A) Action of oxides of carbon on	hydrocarbons in the presence of UV radiation			
	(B) Action of Sulfur Oxides on hydrocarbons in the presence of UV radiation				
	(C) Action of Nitrogen Oxides on hydrocarbons in the presence of UV radiation				
	(D) Action of Nitrogen Oxides and	d Ozone in the presence of UV radiation			
42.	Which of the following is the main reason for producing the atmospheric greenhouse effect?				
	(A) Absorption and re-emission of infrared radiations by the atmosphere				
	(B) Absorption of ultraviolet radiations by the atmosphere				
	(C) Absorption and re-emission of	visible radiations by the atmosphere			
	(D) Absorption of infrared radiation	ons by the atmosphere			
43.	Which of the following is produced when electrical discharge pass through oxygen in the air?				
	(A) Chlorofluorocarbons	(B) Hydrogen peroxide			
	(C) Water	(D) Ozone			
	The state of the s	#195 (E) Palgor all, and [D]			

44.	Presence of which one of the following gases	in the exhaust fumes indicates incomplete combustion			
	(A) CO	$(B) SO_2$			
	(C) NO ₂	(D) Water Vapour			
45.	The statement which is not correct about cont	rol of particulate pollution:			
	(A) Gravity settling chamber removes larger p				
	(B) In electrostatic precipitator, the particulates are made to acquire positive charge which are then attracted by the negative electrode and removed				
	(C) Cyclone collector removes fine particles				
	(D) Wet scrubbers are used to wash away all				
46.	Acid Rain is caused by oxides of				
	(A) Phosphorus and Carbon	(B) Nitrogen and Phosphorus			
	(C) Sulphur and Phosphorus	(D) Nitrogen and Sulphur			
47.	Ringelmann chart is used for the evaluation of	fpollution			
	(A) Soil	(B) water			
•	(C)Air	(D) thermal			
48.	Threshold limit value (TLV) of phosgene in a	ir is aboutppm			
	(A) 0.2 ppm	(B) 1 ppm			
	(C) 0.02 ppm	(D) 0.002 ppm			
49.	Which of the following air pollutants affects the ability of blood to carry oxygen				
72.	(A) Carbon dioxide	(B) Carbon monoxide			
	(C) Sulphur dioxide	(D) Nitrous oxide			
50.	Which of the following are true regarding Air Quality index?				
	(A) Sulphur dioxide and Carbon Monoxide are components in determining Air Quality Index				
	(B) Methane is a component in determining air				
	(C) Air quality index of 0-100 is considered a				
	(D) Particulate matter is not considered in mea	suring air quality			
51.	According to Darcy's Law, the flow rate throu to and the flow should be				
	(A) head loss, turbulent	mediano destrucción de Order (D)			
	(B) cross-sectional area, laminar				
	(C) length of the flow path, laminar				
	(D) head loss, laminar				
52.	Which is the most stable ground water in water table?				
J2.	(A) Confined aquifer				
	(C) Perched aquifer	(B) Unconfined aquifer			
	- Chi the many conferential convenience of	(D) Perched or unconfined aquifer			
53.	Which vadose water zone is also called the zone of saturation?				
	(A) Soil water	(B) Pore water			
	(C) Phreatic water	(D) Zone of capillary water			
(8/10	5)	ASSISTANT ENVIRONMENTAL ENGINEER -A			

٥ ١.	110 W Should the Broama Water monitorn	ig wens de arangea in the absence of bote wens.		
	(A) One on up gradient and three on the	down gradient of the water flow		
	(B) One on up gradient and two on the down gradient of the water flow			
	(C) One on up gradient and one on the	down gradient of the water flow		
	(D) One on up gradient and four on the	down gradient of the water flow		
55.	A type of topography shaped by dissolving action of water on carbonate bedrock			
	(A) Estuary	(B) Reservoir		
	(C) Aquifer	(D) Karst		
56.	What are the key factors which must be taken into account when determining whether a project requires EIA or not?			
	(A) Size of the project and sensitivity of t	the surrounding environment		
	(B) Opinion of the developer and effect of	on local communities		
	(C) Sensitivity of the surrounding enviro	nment and opinion of developer		
		surrounding environment and effect on local communities		
57.	Environment Management Bureau may validate whether or not the "Environment Impact Statement" was integrated with project planning by requiring relevant documentary proofs such as:			
	(A) Terms of reference	(B) Monitoring Plan		
	(C) Feasibility study	(D) Risk statement		
58.	Negative impacts on the environment identified during the EIA can be mitigated. The mitigation hierarchy is:			
	(A) Remedy - Minimise - Avoid	(B) Avoid - Minimise - Remedy		
	(C) Reduce - Remedy - Avoid	(D) Remedy - Avoid - Minimise		
59.	The baseline studies in EIA pertain to _	Street of an investment of the control of the diggs of		
	(A) collection of demographic and socio	peconomic data		
	(B) prediction of risk on the basis of pro	posal		
	(C) existing environmental status of proposed project site			
	(D) identify environmental consequence	es of the project		
60.	Which category of projects does not requ the Indian EIA Notification 2006?	uire Environmental Impact Assessment in accordance with		
	(A) Category A	(B) Category B1		
	(C) Category B2	(D) Category C		
61.	What is a contingency plan in EIA?			
	(A) A set of guidelines ensuring that the development project will remain within the guidelines			
	(B) A plan of actions to prevent an emer	gency and to be taken when emergencies occur.		
	(C) A plan describing the measures that development project.	will be taken to contain or treat any waste produced by the		
	(D) A plan describing the costing of the	project		
	Louisiani Company	III burned world although		

62.	If in the screening stage of EIA, the enviro should be adopted?	nmental impacts are not clarified, then what step
	(A) Scoping should be performed	
	(B) Rapid EIA should be conducted	
	(C) Rescreening should be done	
	(D) Project should be abandoned	
63.	Which of the following statements is correct	10.200 mg
03.		azards to the project is part of Environmental Impact
		4-6-4-4-1
	(B) EIA primarily focuses on the assessmen(C) EIA primarily focuses on the assessment of measures to mitigate these impacts.	of potential environmental impacts only and the identification
		ards is usually part of Risk Assessment or Hazard Assessment,
64.	The purpose of the "screening" step of ELA	Aisto
	i) To assess the quality of the project design	n = blore = 1 to the many to the total and the total
	ii) To facilitate decision making by providing of proposed actions	clear, detailed, factual analysis of the effects and consequences
	iii) To determine whether a full EIA needed	
	Select the correct option from below	
	(A) i), ii) and iii)	(B) ii) and iii)
	(C) i) and ii)	(D) i) and iii)
65.	In India, an Environment Impact Assessme is applicable for a maximum of how many	ent report of mining project after environmental clearance years?
	(A) 15 years	(B) 10 years
	(C) 30 years	(D) 20 years
66.		hase out obligations for developed and developing substances, including chlorofluorocarbons (CFCs), halons uch as hydrochlorofluorocarbons (HCFCs)
100	(A) The Kyoto Protocol	(B) The Nagoya Protocol
	(C) The Rio Protocol	(D) The Montreal Protocol
67.	On which day the Montreal Protocol came Preservation of the Ozone Layer?	into effect which is celebrated as International Day for the
	(A) 16 September	(B) 5 June
	(C) 22 May	(D) 22 April
68.		Nations Framework Convention on Climate Change by momies in transition to limit and reduce greenhouse agreed individual targets?
	(A) The Kyoto Protocol	(B) The Nagoya Protocol
	(C) The Rio Protocol	(D) The Montreal Protocol
(10/)	16)	ASSISTANT ENVIRONMENTAL ENCINEERA

69.	To produce a broad agenda and a new blueprint for international action on environmental and development issues that would help guide international cooperation and development policy in the twenty-first century was the primary objective of				
	(A) Stockholm, Rio 1992 - Earth Summit	(B) Johannesburg, Rio '2012 - RIO+20			
	(C) The Vienna Convention, 1985	(D) The Nagoya Protocol			
70.	A focused <u>political document</u> which contains c sustainable development was the outcome of	lear and practical measures for implementing			
	(A) Stockholm, Rio 1992 - Earth Summit	(B) Johannesburg, Rio '2012 - RIO+20			
	(C) Stockholm Convention, 2001	(D) The Vienna Convention, 1985			
71.	The Water (Prevention and Control of Pollutio last?	on) Act was enacted in 1974. When it was amended			
	(A) 2006	(B) 1977			
	(C) 1988	(D) 2003			
72.	The Central Pollution Control Board (CPCB), statutory organization, was constituted under which Act?				
	(A) The Environment (Protection) Act, 1986				
	(B) Water (Prevention and Control of Pollution) Act, 1974				
	(C) Air (Prevention and Control of Pollution) Act, 1981				
	(D) The Forest (Conservation) Act, 1980				
73.	Which of the following states: "It shall be the duty of every citizen of India to protect and improve the natural environment including forests, lakes, rivers and wildlife and to have compassion for living creatures"?				
	(A) Article 51-A(g) of Indian Constitution	(B) Article 49-A of Indian Constitution			
	(C) Wildlife Act, 1972	(D) The Environment (Protection) Act, 1986			
74.	Under which act /law a statutory recognition to the concept of Polluter Pays Principle was first recognized by creating a forum for addressing environmental disputes?				
	(A) Air (Prevention and Control of Pollution) Act, 1981				
	(B) National Green Tribunal Act, 2010.				
	(C) The Forest (Conservation) Act, 1980				
	(D) The Environment (Protection) Act, 1986				
75.	Which of the following statements is not appro- Control of Pollution) Act, 1974?	opriate in context of the Water (Prevention and			
	(A) State Government has no power to restrict the application of the Act to certain areas.				
	•	ntion, prevention and control area whether by way of			
		pollution, prevention and control area in which may be rention and control areas, or any part or parts thereof.			
		on of water Act to such area or areas as may be declared control area or areas and thereupon the provisions of eas.			

76.	EPA 1986 is regarded as an 'Umbrella Act' be	ecause		
	(A) All other acts are part of it.	(B) Provides protection to whole environment		
	(C) It provides power of Central Govt.	(D) Implemented by CPCB		
77.	As per CRZ notification 2011 CZMA means	And the second of the second o		
	(A) Coastal zone management authority	(B) Coastal zone management audit		
	(C) Coastal zone management assessment	(D) Coastal zone mode authority		
78.	Air act enacted in year			
	(A) 1974	(B) 1986		
	(C) 1981	(D) 1972		
79.	Polluter pays principle means			
	(A) payment to government for establishing inc	hictory		
	(B) payment made before polluting	iusu y		
	(C) pay and pollute			
		ACCO Citings in Learner a school and beings Voltage		
	(D) restoring environment by penalizing clean	up cost from polluter		
80.	CCA with respect to environment means			
	(A) Consolidated content & Amendment			
	(B) Consolidated consent & Audit			
	(C) Consolidated consent & Authorization			
	(D) Commercial consent & Authorization			
81.	A tank is filled in 5 hours by three pipes A, B a twice as fast as A. How much time will pipe A	and C. The pipe C is twice as fast as B and B is alone take to fill the tank?		
	(A) 20 hrs	(B) 25 hrs		
	(C) 35 hrs	(D) Cannot be determined		
82.	The greatest four digit number which is exactly divisible by each one of the numbers 12, 18, 21 and 28.			
	(A) 9288	(B) 9882		
	(C) 9828	(D) 9928		
	m A 'r O 2mm net			
83.	If $\frac{m}{n} = \frac{4}{3}$ and $\frac{r}{t} = \frac{9}{14}$, the value of $\frac{3mr - nt}{4nt - 7mr}$	is some some some some some some some som		
	(A) $-5\frac{1}{2}$	(B) $-\frac{11}{14}$		
	- In this court of the court of			
	(C) $-1\frac{1}{4}$	(D) $\frac{11}{14}$		
84.		erimeter is 2:5. It costs ₹ 260 to paper the walls of the owing an area of 15 sq. m for doors and windows.		
	(A) 2.6 m	(B) 3.9 m		
	(C) 4 m	(D) 4.2 m		
22.2	8			

85.	An aluminum sheet 27 cm long, 8 cm broad the surface areas of the two solids would be		a cube. The difference in
	(A) Nil	(B) 284cm^2	
	(C) 286 cm^2	(D) 296 cm^2	
86.	In how many Categories is the Nobel prize a	awarded?	
	(A) 4	(B) 5	
	(C) 6	(D) 7	
87.	The CEO of Google, Sundar Pichai is an alur	nnus of which premier Indian	educational Institution?
	(A) IIT Delhi	(B) IIT Mumbai	
	(C) IIT Kharagpur	(D) IIT Kanpur	
88.	National Space Day would be celebrated or	n?	
	(A) 21 August	(B) 22 August	
	(C) 23 August	(D) 24 August	
89.	Which of the following is a secondary pollutareactions involving sunlight, nitrogen oxides		through photochemical compounds (VOCs)?
	(A) Carbon monoxide (CO)	(B) Particulate matter (PM)
	(C) Ground-level ozone (O3)	(D) Sulfur dioxide (SO	2)
90.	Which of the following is a secondary air pol smog?	lutant that is a major compone	ent of photochemical
	(A) Nitrogen dioxide	(B) Ozone	
	(C) Particulate matter	(D) Sulfur dioxide	
91	Which of the following missions is not a part (A) National Solar Mission (B) National Mission for Green India (C) National Mission for Sustaining Himalay (D) National Mission on Nuclear Energy		an on Climate Change?
92.	Which country will host the 2027 Asian Cup	for Football	
	(A) India	(B) Saudi Arabia	
B- 8	(C) Sri Lanka	(D) South Korea	
93.	Which country is the host of 'International Co Coexistence'?	nference on Human-Wildlife	Conflict and
	(A) India	(B) USA	
	(C) France	(D) UK	
94.	The educational reform in India NEP 2020 for (A) 360 holistic Progress card (B) Summative assessment based progress of (C) Holistic Report Card (D) Personality Report Card		
	(D) I cisonamy report Card		
ASSI	ISTANT ENVIRONMENTAL ENGINEER	-A	(13/16)

95.	Which city has been named the first in the 'Swachh Survekshan Awards 2022'	
	(A) Vadodara	(B) Lucknow
	(C) Mysuru	(D) Indore
96.	The total mass of Chandrayaan-3 including all modules is	
	(A) 3900 kg	(B) 2148 kg
	(C) 1752 kg	(D) 26 kg
97.	What does GBA stand for, launched as a part of G-20 summit?	
	(A) Geo Biofuels Alliance	(B) Global Biofuels Alliance
	(C) G-20 Biofuels Alliance	(D) Green Biofuels Alliance
98.	What is another name for the silk that is often referred to as the 'golden fiber'?	
	(A) Tasar Silk	(B) Muga Silk
	(C) Eri Silk	(D) Mysore silk
99.	A task force has been constituted by the Center to monitor the situation of which virus in the country?	
	(A) Corona Virus	(B) Beta Virus
	(C) Lumpy Virus	(D) Monkeypox Virus
100.	What is the current Foreign Direct Investment (FDI) limit in the insurance sector?	
	(A) 30 %	(B) 49 %
	(C) 55 %	(D) 69 %
		◆◆◆