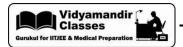


Date Planned ://	Daily Tutorial Sheet-5	Expected Duration : 90 Min		
Actual Date of Attempt : / /	Level-1	Exact Duration :		

Actu	ual Date	of Attempt : / /		Level	-1	Exc	act Duration :		
41.	The G	The Govt. of India announced an action plan in early 1995 to prevent the disfiguring of the Taj Mahal.							
	This plan aims at clearing the air in the 'TAJ TRAPEZIUM' – an area that includes the towns of:								
	(A)	Agra, Faridabad, Mathura		(B)			ıra, Bharatpur		
	(C)	Agra, Faridabad, Moradab	ad, Bharatpuı	(D)	_		labad, Bharatpur		
*42.	Partic	Particulate pollutants :							
	(A)	are minute solid particles or liquid droplets in air							
	<b>(B)</b>	are present in vehicle emissions, smoke particles, dust particles and ash from industries							
	(C)	may be viable or non-viable							
	(D)	include oxides of sulphur	& nitrogen						
*43.	Viable particulates:								
	(A)	are minute living organisms that are dispersed in the atmosphere							
	<b>(B)</b>	are – bacteria, fungi, moulds, algae etc							
	(C)	can cause allergy to human beings							
	<b>(D)</b>	can cause plants diseases							
44.	Which	Which of the following is an example of smoke particulates?							
	(A)	fly ash		<b>(B)</b>	pulverized o	coal			
	(C)	smoke from burning of fos	sil fuels	(D)	dust storms	3			
<b>45</b> .	Mists	Mists:							
	(A)	are composed of fine solid particles (over ' m' in diameter)							
	<b>(B)</b>	are produced by particles of spray liquids and by condensation of vapours in air							
	(C)	Both (A) & (B)							
	<b>(D)</b>	None of the above							
46.		Herbicides & insecticides that miss their targets & travel through air form which of the following type of non-viable particulate pollutant?							
	(A)		ust	(C)	mists	(D)	fumes		
47.		• •		( )		• • •			
47.	Which of the following statements is NOT true?  (A) Fumes are generally obtained when herbicides and insecticides miss their targets & travel.								
	(23)	through air.							
	(B)	Fumes are generally obtained by the condensation of vapours during sublimation distillation,							
		boiling and several other chemical reactions.							
	(C)	Generally organic solvents, metals & metallic oxides form fume particles.							
	(D)	Fumes are a type of non-viable particulate pollutant							
48.	Which	Which of the following statements is NOT true ?							
	(A)	Air-borne particles such as dust, fumes, mist etc are dangerous for human health.							
	<b>(B)</b>	Particulate pollutants bigger than 5 microns are likely to lodge in the nasal passage.							
	(C)	Particulate of size of about 1 micron enter into lungs easily.							
	<b>(D)</b>	None of the above							



- \*49. Which of the following statements are NOT true?
  - (A) Unleaded petrol used to be the primary source of air-borne lead emission in Indian cities.
  - (B) Leaded petrol used to be the primary source of air-borne lead emission in Indian cities.
  - (C) Lead interferes with the development and maturation of red blood cells.
  - **(D)** Lead interferes with the development and maturation of white blood cells.
- **\*50.** There are two types of smog:

Classical smog & photochemical smog. Classical smog:

- $\textbf{(A)} \qquad \text{occurs in cool, humid climate} \qquad \qquad \textbf{(B)} \qquad \text{occurs in warm, dry \& sunny climate}$
- (C) is a mixture of smoke, fog &  $SO_2$  (D) is a mixture of smoke, fog &  $NO_2$