Azaan International School

WORKSHEET-1 (2022-23)

Subject: Science

Grade: VIII

Ch. : Pollution of air and water

I. Multiple choice quest	ions :					
1. Which of the followin	g is responsible for	depletion of ozone layer ?		()	
(a) Carbondioxide	(b) freons	(c) oxides of nitrog	jen (d) (oxygen		
2. Which of the followin	g gas combines wit	th the haemoglobin in our blo	od ?	()	
(a) Carbondioxide	(b) methane	(c) oxides of nitrogen	(d) carbon	monoxi	de	
3. Which of the followin	g practices can pre	event air pollution?		()	
(a) Use of unleaded	l petrol	(b) Use of (CNG as fuel			
(c) Using hydroelec	trical energy	(d) All of th				
4. Which one of the following is an effect of water pollution?				()	
(a) Increase in wate (c) Reduction in nu		()	animals in wa and c	ater boo	lies	
5. Which of the following can prevent water pollution?				()	
(a) Use of eco-frien (c) Discharge of un	•		g clothes in w Oil spills	ater bo	dies	
6. Which of the following is a characteristic of potable water?				()	
(a) Translucent		(b) Contains sufficient an	nount of disso	olved ox	ygen	
(c) Contains harmful chemicals		(d) Contains microorgani	sms			
7. Melting of polar ice c	aps is due to			()	
(a) Photochemical smog (c) global warming		(b) increase in lev (d) acid rain	els of carbon	n monox	ide	
8. Which of the following gases can trap solar radiation in Earth's atmosphere?				()	
(a) Nitrogen	(b) Methane	(c) Oxygen	(d) Carbon	monox	ide	
9. Which of the following is not an air pollutant?				()	
(a) Carbon monoxide		(b) Oxides of nitrogen and Sulphur				
(c) CFCs		(d) Oxygen				
10. Which of the followi	ng methods of purif	fication of water involves cha	nge of state c	of water	?()	
(a) Distillation		(b) Filtratior	١			
(c) Sedimentation and decantation		(d) Addition	(d) Addition of chlorine tablets			

Name:

11. The Taj Mahal is beir	ng affected due to			()			
(a) Noise Pollution	(b) Air pollution	(c) Water pollution	(d) No	one of these	,			
12. What is Marble cancer?				()			
(a) Cancer disease in marbles (c) Cancer in any white animal			(b) Corrosion of marble by acid rain(d) None of these					
13. Which of the following	g is an air pollutant?			()			
(a) Carbon dioxide (b) Hydrogen		n (c) N	litrogen	(d) Oxyger	ı			
14. Which of the following is not an outcome of global warming?)			
(a) Rise in the sea le	vel							
(b) Yellowing of the Taj Mahal								
(c) Melting of polar ice caps and glaciers								
(d) Increase in the Earths average surface temperature								
15. Which of the following can reduce air pollution?)			
(a) Conservation of energy			Planting trees					
(c) Using renewable	sources of energy	(d) A	Il of these					
16. Which one of the following is not a cause for water pollution?)			
(i) Discharge of domestic waste in water bodies (ii) Bathing animals in water bodies								
(iii) Boiling and addition of chemical tablets to water (iv) Oil spills (a) (i), (ii) & (iii) (b) (ii), (iii) & (iv) (c) (i), (ii) & (iv) (d) (i), (ii), (iii) & (iv)								
17. Oxides of Sulphur an result in	nd nitrogen react with	oxygen and water	apour of the a	atmosphere t (o)			
(a) global warming	(b) eutrophication	(c) acid rain	(d) depletio	n of ozone la	yer			
18. are used as refrigerants in refrigerators and air conditioners. ()								
(a) Freons	(b) fossil fuels	(c) carbondi	oxide	(d) oxygen				
19. water for at least 10- 15 minutes can kill harmful microorganisms.)			
(a) Boiling	(b) cooling	(c) sedimen	tation	(d) none				
20. decreases the oxygen–carrying capacity of blood and can lead to headache , dizziness and fatique. ()								
(a) Carbondioxide	(b) oxygen	(c) carbon n	nonoxide	(d) nitrogen	l			