

MDCAT Chemistry Chapter 22 Online Test

Sr	Questions	Answers Choice
1	Primary pollutants are:	A. oxides of sulphur B. oxides of carbon C. oxides of nitrogen D. All of these
2	Which gas produces air pollution?	A. oxides of sulphur B. oxides of carbon C. all of these
3	Smaller unit of biosphere is:	A. specie B. ecosystem C. plankton D. troposphere
4	Elements in lithosphere exist generally as:	A. metals B. non-metals C. metalloids D. minerals
5	Eleven elements made part of earth mass:	A. 97.5% B. 98.5% C. 99.5% D. 100%
6	Lithosphere extends upto kilometer of earth crust in depth:	A. 10 km B. 100 km C. 1000 km D. 10000 km
7	Part of fresh water consumed in domestic purpose:	A. 1% B. 2% C. 69% D. 8%
8	Part of fresh water consumed in industry is:	A. 1% B. 2% C. 69% D. 23%
9	Agriculture consumes part of fresh water:	A. 1% B. 2% C. 69% D. 23%
10	Fresh water of total earth water is:	A. 1% B. 2% C. 3% D. 4%
11	Polar ice caps and glaciers consists total earth water:	A. 1% B. 2% C. 3% D. 4%
12	Ocean contains part earth's water:	A. 95% B. 96% C. 97% D. 98%
13	Hydrosphere covers the surface of earth:	A. 70.8% B. 71.8% C. 72.8% D. 73.8%
14	Heat balance of earth is maintained by sphere:	A. Hydrosphere B. atmospheres C. lithosphere D. biosphere
15	Nitrogen percentage in atmosphere is:	A. 76% B. 77% C. 78% D. 79%

16	Atmosphere consists of gasses:	A. N ₂ B. O ₂ C. Ar D. All
17	Region of earth capable of supporting life is called:	A. Atmosphere B. Hydrosphere C. Lithosphere D. All of these
18	Rigid rocky crust earth upto a depth of 100 km is called:	A. Atmosphere B. Hydrosphere C. Lithosphere D. All of these
19	Water bodies are included in:	A. Atmosphere B. Hydrosphere C. Lithosphere D. All of these
20	The layer of gases around the earth are called?	A. Atmosphere B. Hydrosphere C. Lithosphere D. All of these
21	What is component of environment?	A. Atmosphere B. Hydrosphere C. Lithosphere D. All of these
22	The scope of environmental chemistry is to study:	A. Source of chemicals B. Transportation of chemicals C. Transportation of toxic chemical D. All of these
23	The branch of chemistry interlinked with biology, physics, medicines, agriculture, public health and sanitary engineering etc. is:	A. Biochemistry B. Physical chemistry C. Pharmaceutical chemistry D. Environmental chemistry
24	Chemistry related to the study of environment affected by the chemicals and pollutants is called:	A. Biochemistry B. Physically chemistry C. Pharmaceutical chemistry D. Environmental chemistry
25	The rigid rocky part of earth crust called lithosphere extends upto a depth of:	A. 10 km B. 100 km C. 1000 km D. 1500 km
26	Components of environment is (in km) around the earth:	A. 10 km B. 100 km C. 1000 km D. 1500 km
27	The layer of earth around the earth is called:	A. Atmosphere B. Hydrosphere C. Lithosphere D. Biosphere
28	Nitrogen in the atmosphere is:	A. 78% B. 21% C. 0.9% D. 0.03%
29	Reason of pollution are:	A. Population and urbanization B. Transportation C. Industrialization D. All of these
30	Volcanoes produce SO ₂ :	A. 47% B. 57% C. 67% D. 77%
31	Coal contains sulphur in it:	A. 1-3% B. 1-6% C. 1-9% D. 1-12%
32	Main cause of reducing map is:	A. Combustion of coal B. NO and NO ₂ C. Un-burnt hydrocarbons D. All of these
33	Unit of ozone is?	A. Debye B. Dobson C. Esu D. Coulumb

		D. September
34	Depletion of ozone is more during the month:	A. Jan-March B. April-Jun C. July-Aug D. Sept-Nov
35	A single free chlorine radical can destroy ozone molecules upto:	A. 100000 B. 100 C. 1000 D. 10000
36	How much pesticides have been synthesized at present?	A. Four thousand B. Six thousand C. Eight thousand D. Ten thousand
37	Forms of waste products:	A. Heat B. Smoke C. Solid D. All of these
38	Contamination of water of tanning industries is due to:	A. Cr(III) B. Cr(VI) C. Mn(III) D. Mn(VII)
39	Factors affecting quality of water:	A. D.O B. BOD C. COD D. a,b,c
40	BOD is the oxygen demand with in day(s):	A. Four B. Two C. Three D. Five
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42	Water is purified by the process:	A. Aeration B. Coagulation C. Chlorination D. All of these
43	Which is used as a coagulant:	A. Ferric salts B. Potash alum C. a and b both D. Chlorine
44	Chloroform is carcinogenic:	A. Heart B. Lungs C. Liver D. Kidney
45	Newspaper can be recycled again and again by how many times?	A. 2 B. 3 C. 4 D. 5
46	The temperature in the incineration process has a range:	A. 900 to 1000 °C B. 650 to 1100 °C C. 950 to 1300 °C D. 1000 to 1200 °C

		D. 500 to 900
47	In purification of potable water the coagulant used is:	A. Nickel sulphate B. Copper sulphate C. Barium sulphate D. Aluminium sulphate
48	The main pollutant of leather in the waste water is due to the salt of:	A. Lead B. Chromium (VI) C. Copper D. Chromium (III)
49	DDT is a:	A. Fungicide B. Insecticide C. Herbicide D. All
50	Fungicides are the pesticides which:	A. Control the growth of fungus B. Kills insects C. Kills plants D. Kill herb
51	A single chloride free redical can destroy bow many ozene molecules?	A. 100 B. 100000 C. 10000 D. 10
52	The range of UV-B is:	A. 320 to 400 nm B. 200 to 280 nm C. 280 to 320 nm D. 50 to 400 nm
53	Peroxyacetylnitrate (PAN) is an irritant to human beings and it affects:	A. Eyes B. Ears C. Stomach D. Nose
54	The pH range of acid rain is?	A. 7-6.5 B. 6.5-6 C. 6-5.6 D. Less than 5
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56	Increased awareness of environment issues has led chemist to develop products and processes that do not impact on the environment in terms of pollution or depletion of sources. To help chemist to achieve this aim, some principles are drawn, which one is not the guiding principle	A. avoid waste production B. use no solvent C. use a catalyst D. devise a multistep procedure for synthesis of new compounds
57	Why a C- C bond breaks by uv light	A. Cl is most electronegative B. Cl is volatile C. C - Cl bond energy is smaller than that of C - H bond energy D. uv light provides energy which is sufficient to break C - Cl bond and not C - H bond
58	In addition to many pollutants present in ground water, a successful study was conducted to remove a highly Toxic chemical.What chemical is this	A. Cobalt B. Nickel C. Arsenic D. Sulphur