Paper Code – 5105

M.Sc. Semester-III (Botany) (Old Course)
July-Septermber-2021
Research Methodology and Scientific Presentations

કુલ સમય :– : ૩૦ મીનીટ કુલ પ્રશ્નો : ૩૫ વિદ્યાર્થીએ ટીક કરવાના પ્રશ્નો : ૧૮

નોંધ : વિદ્યાર્થીએ માત્ર ૧૮ પ્રશ્નો જ ટીક કરવાના રહેશે. જો વધારે ટીક કરેલ હશે તો પ્રથમ ૧૮ પ્રશ્નો જ ગણતરીમાં લેવામાં આવશે.

1.	Which one is not a pollutant normally?							
	A	Hydrocarbon	B	Carbon dioxide	C	Carbon monoxide	D	Sulphur dioxide
2.	Which of the following part of India evergreen forests are found?							
	A	Assam	B	Rajasthan	C	Odisha	D	Uttar Pradesh
3.	Greenhouse effect is related to:							
	A	Greenery in country	B	Green trees on house	C	Grasslands	D	Global warming
4.	Chipko movement is the conservation of:							
	A	Soil	B	Forest	C	Water	D	Wetland
5.	Which one of the following is the effect of global warming?							
	A	Maintaining sea level	B	Proper rainfall	C	Desertification	D	Afforestation
6.	Gas released during Bhopal tragedy was:							
	A	Methyl isocyanate	B	Potassium isothiocyanate	C	Sodium isothiocyanate	D	Ethyl isothiocyante

7.	Acid rain is due to an increase in atmospheric concentration of:							
	A	Ozone and dust	B	CO2 and CO	C	SO2 and CO	D	SO2 and NO2
8.	This may be use as refrigerator:							
	A	Ozone	B	Acids	C	CFC	D	Carbon
9.	The Taj Mahal is threatened due to the effect of:							
	A	Oxygen	B	Hydrogen	C	Chlorine	D	Sulphur-dioxide
10.	In coming years, skin related disorders will be more common due to:							
	A	Depletion of ozone layer	B	Water pollution	C	Pollutants in air	D	Use of detergents
11.	Formation of ozone hole is maximum over:							
	A	Europe	B	Africa	C	India	D	Antarctica
12.	Ozone layer is present in:							
	A	Troposphere	B	Thermosphere	C	Stratosphere	D	Mesosphere

13.	The formula of Ozone is:							
	A	O_2	B	O_3	C	O_4	D	O_6
14.	Carbon dioxide is primarily called a greenhouse gas because:							
	A	Traps heat	B	Traps warm currents	C	Traps light	D	None of these
1 5.	The primary cause of acid rain around the world is:							
	A	Carbon monoxide	B	Carbon dioxide	C	Sulphur dioxide	D	Ozone
16.	The functional unit of environment is							
	A	Ecosystem	B	Nitrogen	C	Carbon	D	Oxygen
17.	Which one of the following result takes place due to global warming?							
	A	Maintaining steady temperature	B	Changes in the rainfall	C	Pleasant environment	D	Causing less pollution
18.	Which one of the following is anthropogenic radiative forcing of climate?							
	A	Aerosols	B	Cement	C	Paper	D	Glass

19.	Changes in the composition of the atmosphere is an example of:							
	A	Internal forcing	B	Mid forcing	C	External forcing	D	Gravitational forcing
20.	SMOG is caused due to:							
	A	Emissions from vehicles	B	From incinerators	C	Oil paints	D	All of the above
21.	Secondary air pollutant is:							
	A	Carbon monoxide	B	Ozone	C	Nitrogen Dioxide	D	Sulphur dioxide
22.	Which one of the following cause global warming?							
	A	Radiative forcing	B	Earth gravitation force	C	Oxygen	D	Centripetal force
23.	Which of the following is the major photochemical smog?							
	A	Peroxyl acetyl nitrate	B	Smog	C	Chlorofluorocarbon	D	Hydrogen peroxide
24.	Which of the following particles is called the particulate pollutants?							
	A	Ozone	B	Fly Ash	C	Radon	D	Ethylene
25.	Which of the following diseases are caused by smog?							
	A	Rickets	B	Bronchitis	C	Breathing Problems	D	All of the above
26.	Which of the following gas is more in percentage in the air?							
	A	Nitrogen gas	B	Water vapour	C	Carbon dioxide gas	D	Oxygen gas
27.	The Lotus Temple, Golden Temple and other famous heritage monuments are being affected by:							
	A	Water pollution	B	Air pollution	C	Noise pollution	D	Soil pollution
28.	Which of the following gases are called Greenhouse gases?							
	A	Methane	B	Nitrogen	C	Carbon dioxide	D	Both a and c
29.	Which of the following gases has the highest affinity for blood haemoglobin?							
	A	Carbon dioxide	B	Oxygen	C	Carbon monoxide	D	Nitrogen
30.	Which is the most significant air-borne allergen?							
	A	Fungi	B	Pollen	C	Soot	D	Algae
31.	Which gas is mainly produced due to incomplete burning of wood?							
	A	CO	B	NO_2	C	SO_2	D	NO_3
32.	What causes pollution:							
	A	Trees	B	Animals	C	Human activities	D	Birds
33.	According to EPA of USA, the following is not one of the six major pollutants?							
	A	Ozone	B	Carbon monoxide	C	Nitrogen oxides	D	Carbon di-oxide
34.	Ozone is formed in the upper atmosphere by a photochemical reaction with:							
	A	Ultra violet solar radiation	B	Infra red radiation	C	Visible light	D	All of the above
35.	Smoke, fumes, ash, dust, nitric oxide and sulphur dioxide are the main sources of:							
	A	Secondary pollutants	B	Primary Pollutants	C	Bio-Degradable Pollutants	D	None of the above