

## **BRAINWARE UNIVERSITY**

## Term End Examination 2021 - 22 Programme – Bachelor of Pharmacy Course Name – Environmental Sciences Course Code - BP206T (Semester II)

Time allotted: 1 Hrs.5 Min. Full Marks: 50 [The figure in the margin indicates full marks.] Group-A (Multiple Choice Type Question)  $1 \times 50 = 50$ Choose the correct alternative from the following: (1) Which of the following(s) is/ are non -biodegradable product? b) Plastic a) Garbage c) Bioplastic d) Both Plastic & Bioplastic (2) Five most important natural resources are a) Air, water, soil, iron, forest b) Air, water, soil, garbage, forest c) Air, water, soil, nitrogen, forest d) Air, water, soil, oxygen, forest (3) Timbers are used in industries. a) Fuel b) Paper c) Lumber d) Craft (4) Which of the following(s) is/ are the purpose(s) of conservation? a) To retain significant environmental b) To protect natural barriers. procedures and living support system c) To assure that any utilization of species and d) All of these ecosystems is sustainable. (5) Which of the following mineral(s) is/are used for nuclear energy production? b) Thorium a) Chromium c) Herbarium d) All of these

(7) How much fresh water is healthy for human and domestic consumption?

b) Packaging material

d) Craft

(6) Foods are used in industries.

a) Fuel

c) Tribes

a) 3%	b) 4%
c) 5%	d) 6%
(8) What is the correct meaning of 'Foris'?	
a) Outdoor	b) Outside
c) Indoor	d) Inside
(9) Which of the following is a problem associat	ed with energy?
a) Population blast	b) Destruction of natural energy
c) Partition	d) Fall in purchasing capacity
(10) The term 'ecosystem' was coined by	
a) A.G. Sansley	b) A.G. Tansley
c) A.P. Tansley	d) G.G. Sansley
(11) Decomposers are also known as	<del>.</del>
a) Aprotrophs	b) Saprotrophs
c) Protrophs	d) Autotrophs
(12) What is the meaning of Secondary productive	ity?
a) Total rate of photosynthesis	b) Rate of storage of organic material
c) Rate of energy storage at consume level	d) Rate of increase of biomass of the primary producers
(13) Grazing food chain starts with	
a) Green plant	b) Dead organic matter
c) Both Green plant & Dead organic matter	d) None of these
(14) Which of the following are the examples of p	planktons?
a) Crustaceans	b) Snails
c) Algae	d) Fishes
(15) Nearly about % energy is lost in	the form of respiration, heat etc.
a) 90	b) 95
c) 70	d) 85
(16) Which of the following pyramid(s) is/are upr	ight and inverted?
a) Biomass	b) Energy
c) Both Biomass & Energy	d) None of these
(17) London smog was first reported in	
a) 1952	b) 1953
c) 1954	d) 1955
(18) Which of the following pollutant is responsib	ble for reducing visibility?
a) PM	b) Pb
c) Vocs	d) Ozone
(19) is the unit of loudness.	
a) DB	b) Hz
c) $m/s^3$	d) All of these
(20) Which of the following(s) is/are responsible:	
a) Organic matter	b) Hot water from Thermal power station
c) Heavy metal	d) All of these
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(21) How much cadmium may cause vomiting?	
a) 60 mg	b) 50 mg
c) 55 mg	d) 65 mg
(22) Which of the following is responsible for typho	oid?
a) Vibrio cholerae	b) Salmonella typhi
c) Entamoeba hystolitica	d) Salmonella paratyphi
(23) Which of the following(s) is/are type(s) of Effl	uents?
a) Industrial plant effluent	b) Waste tip seepage
c) Run off from land	d) All of these
(24) Which of the following(s) is/are essential to pro-	event soil pollution?
a) Reforesting	b) Solid waste treatment
c) Recycling of materials	d) All of these
(25) Which of the following(s) is/are responsible for	r underground soil pollution?
a) Increased microbial activity	b) Clogging of drains
c) Septic tank seepage	d) All of these
(26) What is the meaning of eutrophication?	
a) Enriched	b) Feeder
c) Self	d) Aging
(27) Gasoline is an example of	
a) VOCs	b) O <sub>3</sub>
c) PM	d) CO
(28) What is the color of London smog?	
a) Dark brown	b) Grey
c) Yellowish brown	d) Both Dark brown & Grey
(29) Increased UV radiation damages	·
a) DNA	b) Cornea
c) Photosynthesis	d) All of these
(30) Which of the following is not a step of the water	er cycle?
a) Transpiration	b) Condensation
c) Transportation	d) None of these
(31) Which of the following(s) is/are the reason(s) of	of deforestation?
a) Encroachment of forest land for agricultural purposes.	b) Changes in the water cycle and reduced rainfall
c) Increases economic problems	d) All of these
(32) Which of the following(s) is/are the functions of	of a forest?
a) Holding soil	b) Absorption of solar heat during evapotranspiration.
c) Maintaining carbon dioxide levels for plant growth	d) All of these
(33) Non-renewable resources are in na	ature.
a) Sustainable	b) Inadequate
c) Exhaustible	d) Both b & c
(34) Which of the following(s) is/are the Industrial	cause(s) of soil pollution?

a) Increased erodibility	b) Clogging of drains
c) Ecological imbalance	d) All of the these
(35) Which of the following is responsible for para	typhoid?
a) Vibrio cholerae	b) Salmonella typhi
c) Entamoeba hystolitica	d) Salmonella paratyphi
(36) How much lead may cause vomiting?	
a) More than 500 mg	b) More than 250 mg
c) More than 400 mg	d) More than 165 mg
(37) What is loudness?	
a) Strength of sensation of sound perceived by the individual	b) Continuous noise exposure with least frequency
c) Both a & b	d) None of the these
(38) Which of the following diseases are caused by	noise pollution?
a) Insomnia	b) Heart problems
c) High blood pressure	d) All of the these
(39) Which method is used in the preliminary stage	e of sewage treatment?
a) Sedimentation	b) Activated sludge
c) Screening	d) All of the above
(40) Which of the following smog requires low ten	nperature?
a) Classical	b) Photochemical
c) Los Angles	d) Both b & c
(41) What is the meaning of Net primary productiv	ity?
a) The total rate of photosynthesis	b) Rate of storage of organic material
c) Rate of energy storage at consume level	d) All of the these
(42) Which of the following is a Carnivore?	
a) Fox	b) Carbohydrates
c) Autotroph	d) Humidity
(43) Ecology is derived from Greek word	
a) Oikologie	b) Ecology
c) Both a & b	d) None of the these
(44) Soft woods are used in indust	ries.
a) Fuel	b) Packaging material
c) Lumber	d) Craft
(45) About of the surface water is fr	om rivers.
a) 83%	b) 84%
c) 85%	d) 86%
(46) The word forest is derived from a	word.
a) Greek	b) Spanish
c) Latin	d) Both a & c
(47) Which of the following is not a method of soil	conservation?
a) Dry farming	b) Gully control
c) Countour Terracing	d) None of the these
(48) Which of the following is not a fuel mineral?	

a) Coal	b) Crude oil
c) Clay	d) Natural gas
(49) Sewage consist	% water, is containing organic and inorganic materials.
a) 98	b) 99.9
c) 99.2	d) 99.5
(50) Which method is use	ed in the secondary stage of sewage treatment?
a) Sedimentation	b) Activated sludge
c) Screening	d) All of the these