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WW.	<u> </u>	HSSC	C-(P-I)-A/202	23 Paper	Code 6	4 8 7
Roll	Noto be filled in by the candidate	(For	All Session		# O 7 C1	
Ct	emistry (Objective)	(0	Group-1)	Para	e: 20 Minute	s Marks: 17
Note:	Write Answers to the Questions on the objective answers you consider correct, fill the corresponding circle A, B					
1.1	The bond order of N_2 is ' (A)	2	(B) 1	(C)	0	(D) 3
2.	In endothermic reaction, heat content of:					
	(A) Product is more than that of reactant (B) Reactant is more than that of product					
	(C) Surrounding increases	(D) Reac	tants and produ	ucts are equal		
3.	Which of the following is not a state function:					
	(A) Enthalpy (B) Tem	oerature	(C)	Work	(D) (n)	ernal energy
4.	Dilution increases the degree of dissociation, is the statement of which of the following law of principle.					
	(A) Le-Chatelier principle (B) Law of r	nass action	(C) Ostwa	ald dilution law	(D)	Hess's law
5.	PH of the soft drink is: (A)	2.0	(B) 3.0	(C)	5.8	(D) 4.6
6.	Molarity of pure water is: (A)	1	(B) 18	(c)	55.6	(D) 6
7.	Stronger the oxidizing agent, greater is the :				7 (
	(A) Oxidation potential (B) Reduction	on potential	(C) Rec	dox potential	(D) (E,1	m.f of the cell
8.	Which of the following gas is bubbled through standard hydrogen electrode at one atmospheric pressure?					
	(A) HCl gas (B) Pure	H ₂ gas	(C) \ \ C	hlorine gas	(0)	O2 gas
9.	The unit of rate constant is same as that of rate	of-reaction in:	1			
	(A) 1 st Order Reaction (B) 2 nd Order	er Reaction	(C) Zero	Order Reaction	(D) 3rd Orde	er Reaction
10.	The mass of 10 moles of electrons is:	\ \				
	(A) 10.08 mg (B) 5.	5 mg	(C)	1.84 mg	(D)	16.73 mg
11. •	· The number of moles of CO ₂ which contains 16 g of oxygen					
	(A) 1.0 moles (B) 0.50	moles	(C)	2.0 moles	(D)	3.0 moles
12.	A complete quantitative determination generally	consists of Ho	w many steps?	>		
	(A) 4 steps (B) 5 s	steps	(C)	2 steps	(D)	6 steps
13.	Pressure remaining constant, at which temperat	ure the volume	e of a gas will b	ecome twice of wh	at it is at 0°C	
	(A) 546°C (B) 20	10°C	(C)	546 k	(D)	273 k
14.	The scientist who identified plasma is:	/)				•
	(A) William Crookes (B) Vand	er Waal	(C)	Rutherford	(D)	Boyle
15.	When water freezes at 0°C, its density decrease	es due to:				
	(A) Cubic structure of ice (B) Empty spaces present in the structure of ice					
	(C) Change of bond lengths	(D) Chan	ge of bond angl	es		
16.	Total number of Bravias lattices are: (A)	7	(B) 10	(C)	12	(D) 14
17.	The nature of positive rays depends upon:					
	(A) The nature of electrode	(B) The n	ature of residua	al gas		

The length of discharge tube

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(D)

The nature of discharge tube

(C)