HALF YEARLY EXAMINATION - 2022

TI	- STD ME : 2.30 Hrs SCIENCE	MARKS : 75				
Ι.	Choose the correct Answer	12 x 1 = 12				
1.	Which among the following is not a device to mesure mass?					
	(a) Spring balance (b) Beam balance (e) Physical balance (d) D	igital balarice				
2.	Clouds float in atmosphere because of their low					
	(a) density (b) pressure (c) velocity (d) mass					
3.	Resistance of a wire depends on,					
	(a) temparature (b) geometry (c) nature of metairal d) all the above					
1.	We can create enlarged, virtual images with					
	a) concave mirror (b) plane mirror (c) convex mirror	and the second				
5.	When we mix a drop of ink in water we get a					
	(a) Heterogeneous mixture (b) Compound	All Server				
	(c) Homogeneous mixture (d) Suspension					
6.	The correct electronic configuration of pottasium is	1				
	(a) 2, 8, 9 (b) 2, 8, 1 (c) 2, 8, 8, 1 (d) 2, 8, 8, 3					
7.	Covalent bond is formed by	1. 1. 1. A.				
	(a) transfer of electrons (b) sharing of electrons					
	(c) sharing a pair of electrons					
3.	Poikilothermic organisms are					
	(a) Fish, frog, lizard, man (b) Fish, frog, lizard, cow					
	(c) Fish, frog, lizard, snake (d) Fish, frog, lizard, crow					
	Which of the following is a complex tissue?					
	(a) parenchyma (b) collenchyma (c) xylem (d) scleren	chuma				
10.	Which one of the following substance is not a constituent of sweat?	IGHYINA				
	(a) urea (b) protein (c) water (e) salt					
11.	The primary organ infacted during tuberculosis is					
	(a) bone marrow (b) intestine (c) spleen (e) lungs	approx any hearing				
12.	The slides are grouped together in a sequence to form					
	(a) slide show ² (b) charts (c) page (e) message	200				
١.		() 7 x 2 =14				
	Define least count of any device.	()) / XI - (4				
	Compare Speed and velocity.					
15	state Fleming's Left Hand Rule.					
16		1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1				
	a) Example for liquid metal in					
	a) Example for liquid metal is					
17	b) Noble gases belong to group of the periodic table. Define aquaregia	and a state of the				
10.	a) $6 \text{ Co}_2 + \frac{?}{2}$ Sunlight ? + $6 \text{ O}_2 \uparrow$	and service and				
	Chlorophy b) The solar tracking of sunfavoration according to the neth of su	is due to				
	b) The solar tracking of sunflower in accordance with the path of su	Science Page -				

19	Match :	3 States and					
	1. Calcium -	Anaemia					
	2. Sodium -	osteoporosis					
	3. Iron -	Goitre					
	4. lodine -	Muscular cramp	s				
20). state whether tru	e or false. If false Cor		LAN HARRING AND A COM			
	a) Archimedes principle Can also be applied to gases						
				e object will floot or not.			
21	21. Differentiate the following:-						
	Incisors and Can		The Street				
22.	you have just won a medal of 22 carat gold. Have you just produced a pure substance or impure substance?						
III.	Answer any sev	en questions. Note:	(question Numb	er 32 Compulsary)			
23	. Differentiate mass and weight 7 x 4 = 28						
24	. a) state pascal's Law.						
	b) A bird sitting o	n a high power electric	c line is still safe. I	How?			
		re of oxygen and Sulp		and the state of the state			
26.	6. a) Sulphuric acid is called "king of chemicals" why is it Called so?						
		uses of plaster of Paris					
		res of Modern periodi	c table.	an addition to the for the second			
28.	3. a) Define "taxonomy"						
	b) How are the lir	mbs of the birds adapt	ed for avian Life?				
		Mention the differences between stomatal and Lenticular transpiration.					
30.	. Expand the follow			C. The Car Alter Store			
	a) ORS	b) HIV	c) WHO	d)BCG			
31.	. Differentiate:-						
	a) kwashiorkar fro						
	b) macro nutrient	s from micronutrients.	A CARLAND				
32.	. Light enter from a	air into a glass plate ha	aving refractive in	dex 1.5. what is the speed			
	of light in glass. (speed of the light in V	acuum is 3x10° m	/s)			
	Answer the follo	wing questions.		3 x 7 = 21			
33.							
	. a) Explain differen	nt types of motion		a statistic for a			
	 a) Explain difference b) Find the mass 	of an object weighing		Print Print Print Print			
	 a) Explain difference b) Find the mass a) Draw and Labe 	of an object weighing el the Diagram of an A		and the factor			
	 a) Explain difference b) Find the mass a) Draw and Labe b) what are the el 	of an object weighing al the Diagram of an A lectric lines of force?	c generator.	An and the second			
	 a) Explain difference b) Find the mass a) Draw and Labe b) what are the ele c) Concave mirror 	of an object weighing al the Diagram of an A lectric lines of force? rs are used by dentist	c generator. s to Examine teet	h. why?			
	 a) Explain difference b) Find the mass a) Draw and Labe b) what are the ele c) Concave mirror List down the difference 	of an object weighing al the Diagram of an A lectric lines of force? rs are used by dentist erences between lonid	c generator. s to Examine teet c and Covalent co	mpounds? (OR)			
	 a) Explain difference b) Find the mass a) Draw and Labe b) what are the ele c) Concave mirror List down the difference a) Explain Tyndall 	of an object weighing el the Diagram of an A lectric lines of force? rs are used by dentist erences between lonid I effect and Brownian	c generator. s to Examine teet c and Covalent co	mpounds? (OR)			
34.	 a) Explain difference b) Find the mass a) Draw and Labe b) what are the ellipsion c) Concave mirror List down the difference a) Explain Tyndall b) What are the nce 	of an object weighing al the Diagram of an A lectric lines of force? rs are used by dentist erences between lonid l effect and Brownian ucleons?	c generator. s to Examine teet c and Covalent co movement with Si	mpounds? (OR) uitable diagram.			
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