Tirunelveil District Common Haif Yearly Examination - 2024



′	_	20.11	Standard SCIENC		Marks: 75
10.07		.00 Hours		the second secon	12×1=12
I.	Cha	ose the correct ar	swer. Write it wi	th the option.	
	1)			cales are used to me	d) length
		a) mass	b) weight	c) time	a) length
	2)	Clouds float atmos		their low	4)
		a) density	b) pressure	c) velocity	d) mass
	3)	Electroplating is an	n example for		
		 a) heating effert 		b) Chemical effect	
		c) Flowing effert		d) magnetic effec	t
	4)	Transformer works	on		_
		a) AC only	b) DC only	c) both AC and DO	,
	5)	has the	same properties th	roughout the sample	!
		a) Pure substance	b) mixture	c) colloid	d) suspension
	6)	The term nucleons	refer to		
		a) Protons and ele	ctrons	b) only neutrons	
		c) electrons and n	eutrons	d) Protons and ne	utrons
	7)	Example for liquid	metal is		
	W. C.	a) Sodium	b) Mercury	c) Pottasium	d) Oxygen
	8)	Acid turn blue litm	us paper to		a) college
	0.50	a) oreen	b) orange	c) red	d) yellow
	9)	Poliomyelitis virus	enters the body th	rough	J
		- 5 -1-1	h) mouth and nos	e clears	d) eye
	10)	Food and Adultera	tion Act was enforc	ed by Government of	India in the year
					d) 1963
		a) 1964	b) 1954	c) 1950	
	11)		functional unit or	the kidney is	d) ureter
		a) villi	b) liver		d) di cia
	12)	Excretory organ of	tape worm is	c) body surface	d) solenocytes
		a) flame cells	b) nephridia	c) body samue	u, so.o,
			. (0 No 32 is c	ompulsory)	7×2=14
IL.	Ans	wer any 7 questio	ns. (Q.No. 22 is C	ompuisor ()	
	13)	Define least count	of any device		
	14)	Differentiate speed	and velocity	ir)	
	15)	Why does Helium b	alloon noats tilin a	14:	
• •	16)	What are electric I	ines of forcer		
	17)	State-Fleming's lef	t hand rule?		
	18)	Define Sublimation	with example.	write atomic number	er, mass number,
	19)	Draw the structure	e of oxygen atom,	write atomic number	
		proton and neutror	1		
	20)	State Modern perio	ook law	nastv	
	21)	Differentiate Photo	tropism and Priotoi	n H SO molecule.	
	22)	Find the oxidation r	number of sulphur i	1112004 1110120012	
			(O No 33 loca	mnulsory)	7×4=28
Ш.	. Ans	wer any 7 question	115. (Q.NO. 32 18 C	VIII-100.11	

23) I) Differentiate mass and weight (2)

Negative acceleration is called

 Area under velocity - time graph shows

ii) Fill ups (2)

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	24)	1)	State Pascai's law (2)				
		ii)	State True or Faise (2)				
			a) The weight of fluid displaced determines the buoyant force on an object				
			b) Hydraulic press is used in the extraction of oil from oil seeds				
	25)	A	bird sitting on a high power electric line is still safe. How?				
	26)	6) Match (2)					
			Magnetic material - Oersted				
		b)	Non-magnetic material - Iron				
			Current and magnetism - Faraday				
		d)	Electromagnetic Induction - Wood				
		FII	lups(2)				
		i)	The mirror used in search light is				
		ii)	Large mirrors are used in solar furnaces				
	27)	a)	Define - Tyndall effect (2)				
		b)	Differentiate - Elements and Compounds.				
	28)	1)	Match (2)				
			a) Dalton - Hydrogen atom model				
			b) Chadwick - Discovery of nucleus				
			c) Rutherford - First atomic theory				
			d) Neils Bohr - Discovery of neutrons				
		2)	State any four features of modern periodic law				
	29)) List five characteristic features of fishes					
	30) What are permanent tissues? Describe the different types of simple p						
		tissues					
	31)	a)	Why do we sweat?				
		b)	Differentiate Kwarshiorkar from Marasmus				
	32)	What do you conclude about the speed of light in diamond if the refracti index of diamond is 2.41?					
		ına	ex or diamond is 2.41?				
			3×7=21				
IV.	Ans	wer	How will you find the thickness of a one rupee coin?				
	33)	a)	(OR)				
			i) Explain the different types of motion? (5)				
		p)	ii) What are the uses of convex mirror? (2)				
			and the first transfer and the contract of the				
	34)	a)	illustration. (4)				
			ii) List down the differences between Ionic and Covalent compounds. (3)				
			(OR)				
		ы	i) Give the test to identify acids and bases. (3)				
		U)	The Treatest Amendal officer and Brownian movement with suitable disorant (4)				

35) a) i) Give an account on phylum Arthropoda? (3)

b) i) Write about the elements of Xylem? (4)

ii) Give the difference between Mitosis and Melosis. (4)
(OR)

ii) Explain the role of food control agencies in India. (3)