Class: 9

CH/9/Sci/1

COMMON QUARTERLY EXAMINATION - 2023 - 24

Tim	c Al	lowed: 3.00 Hours		SCIEN	NCE			[Max. Marks: 75
1.	Ch	oose the correct an	swei			T 10 0 0 0 1		12x1= 12
1.	11	Metric ton is equal to	10 / 10 / 10 / 10 / 10 / 10 / 10 / 10 /		1			Maria Cara
		100 quintals		10 quintals	C)	1/10 quintals	d)	1/ ₁₀₀ quintals
2.		eed is a qua						
		Scalar			c)	Both a and b	d)	None of these
3.		ouds float in atmosphe						
	a)	Density	.b)	Pressure	c)	Velocity	d)	Mass
4.	_	has the same	ргор	erties throughout	the s	ample.		
	a)	Pure substance	b)	Mixture	c)	Colloid	d)	Suspension
5.	Ch	ange in the number of	neu	trons in an atom	chang	es it to		
	a)	Anion	b)	An isotope	c)	As isobar	d)	Another element
6.	If [Dobereiner is related w	ith 'la	aw of triads' then	Newla	nds is related with		
	a)	Modern periodic law			b)	Hund's rule		
. :	c)	Law of octaves	1		d)	Pauli's Exclusion	þr	inciple
7.	Air	sacs and pneumatic	bone	s are seen in	i.			The state of the state of
	a)	Fish	b) -	Frog	c)	Bird	d)	Bat
8.		esoglea is present in						Alternative States
		Porifera			c)	Annelida	d)	Arthropoda
		nooth muscles occur in					. 7	
	a)	Uterus	p)	Artery	(c)	Vein '	d)	All of the above
10.		e fibres consists of						
	a)	Parenchyma	b)	Scierenchyma	. c)	Collenchyma	d)	None of the above
11.		anspiration takes plac			6.			
	a)	Fruit	b)	Seed	c)	Flower	d)	Stomata
12.	Ele	ements in the modern	perio	dic table are arra	anged	in groups	a	nd periods.
		7,18	b)	18,7	c)	17,8	d)	8,17
II.	An	swer any seven (7)	ques	tions only Ques	stion	no 22 is compul	102	y. 7x2=14
13.		tch the following.						
	Ph	ysical quantity		l unit				
.*	(a)	Length -	K	elvin				
	(b)	Mass -	M	letre				
		Time -		ilogram				
	(g)	Temperature -	S	econd				
14.	Co	mpare speed and velo	ocity.					
		ate pascal's law.	4 . 3					
16.	De	fine sublimation.	1.1	7 -				CH /0/54/1

22.	De	ensity of mercury is 13,600 kg m ⁻³ calculate the relative density.
		nswer any 7 questions: (Q.No.32 is compulsory) 7x4=28
		fferentiate mass and weight.
24.	Ex	plain different types of motion?
25.	a)	On what factors the pressure exerted by the liquid depend on?
	b)	State the laws of flotation.
26.	W	rite the differences between elements and compounds and give an example for each.
27.	Sta	ate any four features of modern periodic table.
28.	Lis	st any four characteristic features of fishes.
		rite about the elements of xylem.
		fferentiate between tropic and nastic movements?
		What is Chlorophyll?
	b)	What is nastic movements?
32.	Ca	lculate the number of Neutrons in the following atoms.
	i)	Os ii) P
	•,	76 II) F
	(b)	Draw the structure of oxygen atom.
V.		swer all the question. 3x7=21
33.	a)	(i) How will you find the thickness of a one rupee coin?
		(ii) Define least count of any device.
1		(OR)
	b)	그녀는 그 가는 그 나타를 하는 그 나를 먹었다면 하는 것이 되었다. 그 사람들은 그 사람들이 되었다면 하는 것이 없는 것이 없는데 없었다면 하는 것이 없다면 하는데 없
		(ii) Define Velocity.
34.	a)	
	, Ý	(OR)
	b)	i) Explain the postulates of Bohr's atomic model.
		ii) Fill in the blanks.
		(a) The valency of Argon is
		(b) isotope is used in the nuclear reactors.
15.	a)	i) Give an account on phylum Arthropoda. (Any five points)
		ii) List the respiratory organs of amphibians.
		(OR)
	b)	i) List out the differences between mitosis and meiosis any five points.
	* 2-	ii) What is skeletal connective tissue. CH/9/Sci/2
*	1	Ch/9/3cl/2
	1	그리는 대통령을 가꾸는 이 항문을 가장 하는 경향이 있는 것이 없는 것이 되었다. 그는 그를 하는 것이 되었다. 그를 가지 않는데 하는데 그렇다.

17. Write the electronic configuration of K and Cl.

19. What is nematocyst?

21. What is Libre office Impress?

18. State whether true or false. If false, correct the statement.

20. What is complex tissue? Name the various kinds of complex tissues.

(a) Metals can gain electrons (b) Group 17 elements are named as halogens