C	lass : 9	N	egister		
	COMMON QUARTERLY EXA		INATION - 2	02	23 - 24
lim	scient Scient	CE			[Max. Marks : 7
Ι.	Choose the correct answer.		5 16 N C C C		12x1= 1
1.	1 Metric ton is equal to				
	a) 100 quintals b) 10 quintals	C)	1/10 quintals	d)	1/100 quintals
2.	Speed is a quantity,	1	Sec. Sec.		100 1
		C)	Both a and b	d)	None of these
3.		1040	Et et		
	a) Density b) Pressure		Velocity	d)	Mass
4.	has the same properties throughout the				18 N 18 N
	a) Pure substance b) Mixture		Colloid	d)	Suspension
5.					<u>, A</u>
-	a) Anion b) An isotope		As isobar	d)	Another element
6.	If Dobereiner is related with 'law of triads' then N				1
	a) Modern periodic law	Acres	Hund's rule		
. :	c) Law of octaves	1.1.1	Pauli's Exclusion	pri	nciple
7.	Air sacs and pneumatic bones are seen in	1			and the second
	a) Fish b) Frog	C)	Bird	d)	Bat
8.				-,	
	a) Porifera b) Coelenterata	c)	Annelida	d)	Arthropoda
9.	Smooth muscles occur in				
	a) Uterus b) Artery	c)	Vein '	d)	All of the above
10.	The fibres consists of				
	a) Parenchyma b) Sclerenchyma	C)	Collenchyma	d)	None of the above
11.	Transpiration takes place through				
	a) Fruit b) Seed		Flower	d)	Stomata
12.	Elements in the modern periodic table are arran	1.1			- Contraction of the second
	a) 7,18 b) 18,7		17,8		8,17
	Answer any seven (7) questions only Quest				
	Match the following.				
	Physical quantity SI unit				
	(a) Length - Kelvin				1. 18 M. 18 M.
	(b) Mass - Metre	÷.,			See 1 the States
	(c) Time - Kilogram	1	있는 옷이 다운 것이 같이 많이		
	(d) Temperature - Second		and the second		이 집 집 같이?
14	Compare speed and velocity.		1	1	$= (\frac{1}{2} + \frac{1}{2})^{-1}$
	State pascal's law.				
	Define sublimation.		an West Survey		
	aubimation.				CH/9/Sci/

CH/9/Sci/1

- 17. Write the electronic configuration of K and CI.
- 18. State whether true or false. If false, correct the statement.
 - (a) Metals can gain electrons (b) Group 17 elements are named as halogens.
- 19. What is nematocyst?
- 20. What is complex tissue? Name the various kinds of complex tissues.
- 21. What is Libre office Impress?
- 22. Density of mercury is 13,600 kg m⁻³ calculate the relative density.
- III. Answer any 7 questions: (Q.No.32 is compulsory)
- 23. Differentiate mass and weight.
- 24. Explain different types of motion?
- 25. a) On what factors the pressure exerted by the liquid depend on?b) State the laws of flotation.
- 26. Write the differences between elements and compounds and give an example for each.
- 27. State any four features of modern periodic table.
- 28. List any four characteristic features of fishes.
- 29. Write about the elements of xylem.
- 30. Differentiate between tropic and nastic movements?
- 31. a) What is Chlorophyll?
 - b) What is nastic movements?
- 32. Calculate the number of Neutrons in the following atoms.
 - i) Os ii) ³¹
 - (b) Draw the structure of oxygen atom.
- IV. Answer all the question.
- 33. a) (i) How will you find the thickness of a one rupee coin?(ii)Define least count of any device.

(OR)

- b) (i) Explain the construction and working of a hydrometer with diagram.
 (ii) Define Velocity.
- 34. a) Explain Tyndall effect and Brownian movement with suitable diagram.

(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.
- 35. 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.
 - ii) What is skeletal connective tissue.

CH/9/Sci/2

3x7=21

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7x4=28