COMMON QUARTERLY EXAMINATION- 2023		
A Standard - IX		
Time : 3.00 hrs	SCIENCE	Marks: 75
<ol> <li>Which among the a) Spring balance</li> </ol>	following is not a device to n b) Beam balance c) Physic	neasure mass?
a) motion of the E	ving is most likely not a case of Earth around the Sun	of uniform circular motion?
a) motion of a raci	train on a circular track ing car on a circular track hand on the dial of the cloc	
3) The size of an air	bubble rising up in water	
4) Among the following	reases c) remains same d g is a mixture	· · ·
a) Common salt 5) The correct electron	b) Juice C) Carbon dioxid nic configuration of potassium	
a) 2, 8, 9	b) 2, 8, 1 _ c) 2, 8, 8	8, 1 d) 2, 8, 8, 3
<ol> <li>Elements in the m  periods.</li> </ol>	nodern periodic table are arr	anged in groups and
a) 7, 18	b) 18, 7 c) 17, 8	
	having four chambered heart b) Snake c) Croco	
8) Smooth muscles oc	cur in	10 T 12
9) The fibres consists of	b) artery c) vein of	d) All of the above
	b) sclerenchyma c) coller of a plant in response to v	
a) Thigmonasty	b) Phototropism c) Hydro	otropism d) Photonasty
<ol> <li>Transpiration takes pl a) fruit</li> </ol>	lace through b) seed c) flowe	d) stomata
12) Which key should be	e pressed to run a slide sh	
	b) Tab c) F5	,d) F2
Part - II		
nswer any 7 questions. (	Q.No.22 is compulsory:-	7×2=14
<ul><li>13) What is the full form</li><li>14) Define Velocity.</li></ul>	1 of SI system?	
15) Match the following:-		
a) Density	- hpg	
b) Pascal's law	- Milk	
c) Pressure exerted t	by a fluid - Mass/Vo	blume
d) Lactometer	- Pressure	e

16) Define Sublimation.	(2)	IX SCIENCE	
	when		
18) State whether true or fa	lise if files correct	the mixture turns turbid. Why?	
<ul> <li>18) State whether true or false. If false, correct the statement.</li> <li>a) Alloys bear the characteristics of both metals and nonmetals</li> </ul>			
b) Group 17 elements are named as Halogens.			
19) List the respiratory organ	ns of amphibians.	÷	
20) Fill in the blanks:-			
a) tissues provid	e mechanical support	to organs.	
b) The green pigment p			
21) Complete the equation: $8CO_2 + \underline{Sunlight/Chlorophyll} + 6O_2 + 6H_2O_2$			
22) Write the steps to view the slide show.			
Answer any 7 questions. (Q.N	Part - III 0.32 in computerous	7	
23) Match the following:	erer is compulsory	7×4=28	
Physical Size	SI Unit	· · · ·	
1) Length	a) Kelvin		
2) Mass -	b) metre	÷.	
3) Time -	c) Kilogram	2	
4) Temperature -	d) second		
24) Explain different types of	motion	41 1	
25) Why does a boat with a	hole in the bottom	would eventually sink?	
26) Which of the following a	re pure substances	2	
Ice, Milk, Iron, Hydrochlo	ric acid, Mercury, E	rick and Water	
27) Draw the structure of oxygen and sulphur atoms.			
28) State any five features o	f modern periodic t	able.	
29) How are the limbs of the	birds adapted for	avian life?	
30) How will you differentiate the different types of transpiration?			
31) What is a Presentation?			
32) A racing car has a uniform	m acceleration of 4	ms <sup>2</sup> . What distance it covers in	
10s after the start?		ine . While distance it covers in	
	Part - IV		
Answer briefly (if need draw d	liagram)	3×7=21	
33) How will you find the thic	kness of a one ru	ipee coin? [or]	
Explain the construction and working of a hydrometer with diagram.			
34) Explain Tyndall effect and Brownian movement with suitable diagram. [or]			
What conclusions were made from the observations of Gold foil experiment?			
35) a) What is Chlorophyll?			
b) Name the part of plant which shows positive geotropism. Why? [or]			
Write the characteristic feature of 5 to			

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Write the characteristic features of fishes.