CITY SCHOOL OF EDUCATIONAL INSTITUTE, PANDHURNA OPEN BOOK EXAMINATION 2020-21

Class-10th Subject- Science

Time -3 hour			Max	Max. Mark– 80	
Q1	Choose the correct answer			10 Marks	
1) A	solution turns red litmus blue,	its PH is likel	v to be –		
a) 0		b) 4	,		
c) 5		d)10			
-, -		,			
-	solution reacts with crushed eg	g- shells to gi	ve a gas that turns lime -water n	nilky the solution	
		b) Hal	a)Lial		
a)N	acı	b) Hcl	c)Licl		
3) v	which one of following typs of me	edicines is use	ed for treating indigestion?		
a)antibiotic		b) Analgesic			
c) Antacid		d) Antiseptic			
43.5	ATILITADO CADA CADA CADA ANTANA ATI		and the second second		
	Which of the following pairs will				
		b) Mgcl ₂ solution and aluminium metal d) Agno ₃ solution and copper metal			
c) Feso ₄ solution and silver metal		u) Agiio3 S	olution and copper metal		
5) F	ood cans are coated with tin and	l not with zin	c because		
-	Zinc is costlier than tin.	b) zinc has a higher melting point then tin			
c) zinc is more reactive then tin		, , , , , , , , , , , , , , , , , , , ,			
-	Fill In the Blanks:	l. C.H. b		05 Marks	
-	thane, with the molecular form				
	utanone is fore carbon compoun				
			ting blackened on the out side ,it	means that	
	ohann Wolfgang dobereiner bori				
ej i	he Modern periodic table has _	colui	inis non as groups		
-	True / False.			05 Marks	
a) Z	$\begin{array}{ccc} Cuo + O_2 & \longrightarrow & 2CuO \\ uO + H_2 & \longrightarrow & Cu + H_2O \end{array}$				
-					
-	uo — Cu +Ho				
_	no +C —— CO				
e) M	InO +Hcl → Hcl +Mn				
04	Match the pairs.			05 Marks	
1	Pressure	-	Cubic metre		
2	Temperature	-	Kilogram		
3	Density	-	Pascal		
4	Mass	-	Kelvin		
5	Volume	-	Kilogram per cubic metre		
_					
	Very Short Answer.			5 x 2 Marks	
	 a) What does the colour of copp 	per suiphate :	solution ?		

- b) Why does an aqueous solution of an acid?
- c) Why dose dry HCL gas not change the colour of the dry litmus paper?
- d) What is the name of the compound Caocl₂?
- e) Name the solution compound which is use for softening hard water?

Q. 6 Short answer type questions.

5 x 3 Marks

- a) Write an equation to show the reaction between plaster of pairs and water?
- b) Explain the meanings of malleable and ductile?
- c) why is sodium kept immersed in kerosene oil?
- d) write equation for the reaction of iron with steam?
- e) What are the ions present in these compound?

Q 7 Long answer type questions. (any Five)

5 x 5 Marks

- a) Explain the bonding in carbon?
- b) Write the definition of organic compound and also explain its featutres?
- c) Write the chemical properties of carbon compound?
- d) How many structural isomers can you see draw for pentane?
- e) Explain the oxidation?
- f) Explain the formation of coal as well as petroleum?
- g) Explain the properties of ethanoic acid?

Q.8 Explain the history of periodic table?

05 Marks

Or

Defined the types of comical reaction with example?