Annual Test Year 2017-18 Subject-Science Class-10th

Time	: 2Hrs		01033-10		Total Marks: 75		
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Questions							
			SECTION	l-A	[5]		
Q.1	1.1 Fill in the blanks:						
	(i) is the sma						
		ective lens of a compour	nd microso	cope isthan the focal length of it	S		
	eyepiese.						
	(iii) Baking power contains						
	(iv) The number of electro			m is			
	(v) The leaves o neem are						
Q.2	Choose the correct alterna				[5]		
	(i) Unit of potential Differen	nce is:					
	a) Watt		b)	Ampere			
	c) Volt		d)	Ohm			
	(ii) The metal which is stor	red in kerosene oil is :					
	a) Gold		b)	magnesium			
	c) Sodium		d)	Aluminium			
	(iii) Lungs are loicated:						
	 a) In thoracic cavity 		b)	In abdominal cavity			
	c) Near intestine		d)	Below pancreas			
	(iv) Excretory products by	Kidney is:					
	a) Ammonia		b)	CO ₂			
	c) Urine		d)	Sweat			
	(v) The process o fusion of	of male gamete and fema	ale gamete	e is called:			
	a) Pllination		b)	Fertilization			
	c) Cell maturation		d)	Cell elongation			
Q.3	Match the columns:				[5]		
	'A'	'B'					
	Akash Ganga	ajsfldjasklfd					
	asdkflalsfdj	alskfdjalsdfj					
	salkfdjal	aflkafld					
	asdfkalfsj	falskdfjlasjdf					
Q.4	Write the answer in one wo	ord/sentence each:			[5]		
	(i) Write the full name of IS	SRO.					
	(ii) Name the device used	for the protection of elec-	ctric circuit	t.			
	(iii) Write the chemical for	mula of Bauxite.					
	(iv) Which is main excreto	ry organ of earthworm?.					
	(v) Which properties of pla	ants are described in 'Rig	gveda'				
			SECTION	l-B			
Q.5	What is Galaxy? What nar	ne is give to our galaxy î	?		[2]		
			<u>OR</u>				
	What is space exploration '	? Which country started	it frist of a	II ?			
Q.6	What are the essential con-	ditions for total internal r	eflection?		[2]		
			<u>OR</u>				
	describe dispersion of light and spectrum.						
Q.7	Define 'One ampere'				[2]		
			OR				

What is induced current? Why is it produced

OR What is aldol reaction? Give its equation. OR Draw a labelled diagram of blast furnace used in extraction o iron metal. OR Draw a labelled diagram of blast furnace used in extraction o iron metal. OR Draw a labelled diagram of blast furnace used in extraction o iron metal. OR What is Buxite? Describe how the aluminium is extracted from it. What is Global Warming? Explain. OR What do you mean by medicinal plants? Write any four seasonal medicinal plants and their medical importance. OR Write four preventive measures to coutrol air pollution. OR Write the medicinal importance of the following trees: a) Amla b) Bel c) Neem OR Explain the construction and working of an astronomical telescope through a ray diagram. OR Explain the construction and working of an astronomical telescope through a ray diagram. OR Write short note on Fleming's left hand rule. Write a short note on Fleming's left hand rule. Write a short note on Maxwell's cork screw rule. OR Why is bio-gas considered as an appropriate fuel? OR Why is bio-gas considered as an appropriate fuel? OR What is meant by pollimation? Diferentiate between self-pollimation and cross pollination. OR What is meant by pollination? Diferentiate between self-pollination and cross pollination. OR What is meant by pollination? Diferentiate between self-pollination and cross pollination. OR What is meant by pollination? Diferentiate between self-pollination and cross pollination. OR What is meant by pollination? Diferentiate between self-pollination and cross pollination. OR What is meant by pollination? Diferentiate between self-pollination and cross pollination. OR What is short note is passed through dry slaked lime. b) Lime stone is heated at 1000°C. c) Dil hydrochloric acid is added to sodium carbonate. d) Sodium bicarbonate is heated. OR Differentiate between respiration and fermentation.	OR is aldol reaction? Give its equation. down cheical properties of non-metals. OR a labelled diagram of blast furnace used in extraction o iron metal. dedescription o extraction of sulphur by Frasch pocess with labelled diagram. OR at is Buxite? Describe how the aluminium is extracted from it.
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=	erentiate between respiration and fermentation.
Q.20 Describe the blood-groups.	
	<u>OR</u>
<u> </u>	e the names of main hormones found in plants. Give two functions of each of them.