	SC	CIENCE – Std.	8							M. Marks Time : 3	
Roll No	:								Total printed	l pages : 02]
PHYS	ICS (Time : 1 hr. ;	; M. Ma	arks : 3	80)						
MULTI	PLE CH	OICE QUESTIO	NS :							(1x6=6	marks)
1.	In whi a)	ch medium doe Air		l travel fa Vaccum			c)	Water	d)	Steel	
2.	The ho a)	ottest planet in Mercury	the sola b)	r system Venus	ı is		c)	Earth	d)	Mars	
3.	Which a)	of the following Sputnik	-	largest a Aryabha			c)	Ceres	d)	Halley	
4.	Sound a)	of which of the 5Hz	e followi b)	ng frequ 15Hz	ency can		hear? c)	400Hz	d)	50000Hz	
5.	Which a)	of these is exp Cemented wal			best abso Iron		of soui c)	nd? Wool	d)	All of these	
6.	Which a)	star seems to l Ursa Major		onary wh Cassiopi			the eaı c)	th? Sirus	d)	Polestar	
7.	How d	oes a lightning	conduct	or work	?						(2)
8.	What i	s Richter scale?	? Why c	lo we sa	y that it i	s not	a linea	r scale?			(2)
9.	Define	electroplating.	What a	re the ac	lvantage	s of e	lectrop	lating iron	with Chrom	nium?	(2)
10.		any four uses of			_						(2)
11.		ntiate between				ission	instru	ments			(3)
12.	Draw a Mark t	a circuit diagrar he positive and onic current.	n showii	ng a dry	cell conr	nected	l to a b	oulb throug			(3)
13.	a) b)	Write an activi In what way lo times then by	oudness	of soun	d depend	ls on	amplitu	ude. If amp		eases four	(3+2)
14.	a) b)	Show the posi Explain the ph			rs in Ursa	n Majo	or.				(2+3)
CHEM	IISTR	Y (Time : 1 h	r. ; M.	Marks	: 30)						
MULTI	PLE CH	OICE QUESTIO	NS :							(1x6=6	marks)
1.	Which a)	of the following Kerosene	g is not b)	obtained Natural			-	the refining ating oil	g of petrole d)	eum? Bitumen	
2.	Coal m a) c)	ainly contains: Carbon Carbon, Hydro	ogen and	d Nitroge	b) en d)			n and Hydro n, Nitrogen		en	
3.	Which a) Co	poisonous gas al gas b)		ed as a ro n monox				ombustion? n dioxide		itrogen oxide	
4.	Which a)	compound is a Lead		petrol to Carbon	o prevent c)	-	ne fron Sulphu	-	' causes po d)	ollution of air? Carbon dioxi	ide.
5.		of the following		ound dan b) Petro	-		-	in the atmostrogen oxid	-	tural Gas	
6.	Which a)	of the following Carbon dioxide	-	-	nouse gas Nitrous o		c)	Methane	d)	Nitrogen	
7.	Define	Ignition tempe	rature.								(1)
8.	a) b)	, .	es and co y wires in	ompositi n electro	on of allo nic equip	oys ar	e used		owing:		(2)
9.	al	ii) Making What are the l	-	al instrun		in?					(2)
9.	a) b)	Why is CNG pi					or vehi	cles?			(2)

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10.	a) b) c)	What ar	e the charac	on non-luminic cteristics of a by Spontaneo	good fuel			(3)	
11.	a) b) c)	Distingu				udiciously? newable resources?		(3)	
12.	Com a) b) c)	plete and Fe +CuS Al + H ₂ (Na + H($SO_4 \rightarrow O \rightarrow$	e following e	quation:			(3)	
13.	a) b) c)	Give rea i) f ii) f What ar Draw a	ason: Paper cup w Hydrogen is re the effects neat and a la	s of global wa	e the fue rming? Im for Soo	burn. I of the future. da-acid fire extinguis	her.	(5)	
14.	a) b)	 a) Name the following: i) The variety of coal with maximum carbon content. ii) Fuel used in jet aeroplanes. iii) Petroleum product used for road surfacing. iv) Process of conversion of wood into coal is called v) Material which is called 'black gold'. vi) Important source from which naphthalene balls are obtained from 							
BIOL	.0GY (Time : 1 ł	hr. ; M. Maı	r ks : 30)					
MULT 1.			ESTIONS : a particular	area are know	vn as			(1x6=6 marks)	
	a)	Flora	b)	fauna	c)	vulnerable	d)	biosphere	
2.	WWF a) c)		the field of conservatior cour	1	b) d)	forest conservatior water conservatior			
3.	Whic a)	h of the fo Frog	bllowing is a b)	hermaphrodit Cow	e animal? c)	Earthworm	d)	Dog	
	,		perm and ec	g produces	c)	embryo	d)	zygote	
4.	The f a)	larva	b)	pupa					
5.	The f a) Whic a)	larva h combina XX	b) ition of sex c b)	chromosomes XY	c)	t in a female? YY	d)	none of these	
5. 6.	The f a) Whic a) Whic a)	larva h combina XX h of these Pancrea	b) ition of sex o b) is called the is b)	chromosomes	c)		d) d)	Thyroid	
5. 6. SHOR	The f a) Whic a) Whic a) RT ANS	larva h combina XX h of these Pancrea WER QUES	b) ition of sex o b) is called the is b) STIONS :	chromosomes XY master glanc Pituitary	c) ? c)	YY Testes	-		
5. 6. SHOF 7.	The f a) Whic a) Whic a) RT ANS Diffe	larva h combina XX h of these Pancrea WER QUES rentiate be	b) ition of sex o b) is called the is b) STIONS : etween ende	chromosomes XY e master glanc Pituitary mic and extine	c) ? c)	YY Testes	-	Thyroid	
5. 6. SHOF 7. 8.	The f a) Whic a) Whic a) RT ANSV Differ Defin	larva h combina XX h of these Pancrea WER QUES rentiate be ne menarch	b) ition of sex o b) is called the is b) STIONS : etween ende ne and meno	chromosomes XY e master glanc Pituitary mic and extine ppause.	c) c) ct species	YY Testes	-	Thyroid	
5. 6. SHOF 7.	The f a) Whic a) Whic a) RT ANSV Differ Defin	larva h combina XX h of these Pancrea WER QUES rentiate be ne menarch	b) ition of sex o b) is called the is b) STIONS : etween ende ne and meno	chromosomes XY e master glanc Pituitary mic and extine ppause.	c) c) ct species	YY Testes	-	Thyroid	
5. 6. SHOF 7. 8.	The f a) Whic a) Whic a) TANSV Differ Defin How What	larva h combina XX h of these Pancrea WER QUES rentiate be ne menarch is sexual r	b) ition of sex of b) is called the is b) STIONS : etween ende ne and meno reproduction of irrigation v	chromosomes XY e master glanc Pituitary mic and extine opause. different from	c) f? c) ct species	YY Testes	d)	Thyroid (2x7=14 marks)	
5. 6. SHOF 7. 8. 9.	The f a) Whic a) Whic a) TANSV Differ Defin How What Expla	larva h combina XX h of these Pancrea WER QUES rentiate be ne menarch is sexual r t method o ain the met	b) ition of sex of b) is called the s b) STIONS : etween ende ne and meno reproduction of irrigation v thod.	chromosomes XY e master glanc Pituitary mic and extine opause. different from vill you use if	c) c) ct species a asexual you live ir	YY Testes reproduction?	d) ortage of	Thyroid (2x7=14 marks) water?	
5. 6. SHOR 7. 8. 9. 10.	The f a) Whic a) Whic a) TANSV Differ Defin How What Expla	larva h combina XX h of these Pancrea WER QUES rentiate be ne menarch is sexual r t method o ain the met	b) ition of sex of b) is called the s b) STIONS : etween ender ne and menor reproduction of irrigation v thod.	chromosomes XY e master glanc Pituitary mic and extine opause. different from vill you use if	c) c) ct species n asexual you live ir vhile sowi	YY Testes reproduction? n a dry area with sho	d) ortage of	Thyroid (2x7=14 marks) water?	
5. 6. SHOF 7. 8. 9. 10. 11.	The f a) Whic a) Whic a) TANSV Differ Defin How What Expla What	larva h combina XX h of these Pancrea WER QUES rentiate be ne menarch is sexual r t method o ain the met t precautio e a differen	b) ation of sex of b) is called the s b) STIONS : etween ender reproduction of irrigation withod. Ins must be lance ace between	chromosomes XY e master gland Pituitary mic and extine opause. different from will you use if kept in mind w	c) l? c) ct species n asexual you live ir you live ir vhile sowi	YY Testes reproduction? n a dry area with sho	d) ortage of	Thyroid (2x7=14 marks) water?	
 5. 6. SHOR 7. 8. 9. 10. 11. 12. 13. 	The f a) Whic a) Whic a) TANSV Differ Defin How What Expla What State List t	larva h combina XX h of these Pancrea WER QUES rentiate be ne menarch is sexual r t method o ain the met t precautio e a differen	b) ition of sex of b) is called the is called the b) STIONS : etween ender reproduction of irrigation withod. Ins must be lance ince between stages in the	chromosomes XY e master gland Pituitary mic and extine opause. different from vill you use if kept in mind v a zoo and a v	c) l? c) ct species n asexual you live ir you live ir vhile sowi	YY Testes reproduction? n a dry area with sho ing seeds in a field?	d) ortage of (any two	Thyroid (2x7=14 marks) water?	
 5. 6. SHOR 7. 8. 9. 10. 11. 12. 13. 	The f a) Whic a) Whic a) TANSV Differ Defin How What Expla What State List t	larva h combina XX h of these Pancrea WER QUES rentiate be ne menarch is sexual r t method o ain the met t precautio e a differen he various VER QUEST	b) ition of sex of b) is called the is called the b) STIONS : etween ender reproduction of irrigation withod. Ins must be lance between is stages in the TIONS	chromosomes XY e master gland Pituitary mic and extine opause. different from vill you use if kept in mind v a zoo and a v he life cycle of	c) l? c) ct species n asexual you live ir vhile sowi vild life sa : (i)	YY Testes reproduction? n a dry area with sho ing seeds in a field?	d) ortage of (any two (ii)	Thyroid (2x7=14 marks) water?) a frog (2x5=10 marks)	