V8S

Virudhunagar District Common Examinations Common Annual Examination - 2023



Standard 8

Tir	ne: 2.30 Hours	CCTEN						
I.	Choose the best ans	SCIEN	CE	Marks: 100				
				12×1=12				
	SI unit of tempe Si unit of tempe			.44				
	a) Celsius	,	ð) Kelvin	d) Am per e				
	2) If the image and	object distance is	same, then the object					
	a) infinity		c) between F and	2F d) at C				
	3) Sound waves tra							
	a) air	b) metais	c) vacuum	d) liquids				
	4) is called as							
		b) Venus		d) Mars				
	The liquid metal i	used in thermomete	ers is					
	a) Copper	b) Mercury	c) Silver	d) Gold				
	The pigment resp							
	 a) hydrated iron 	(II) oxide)	b) Melanin					
	c) Starch		d) Ozone					
	7) Which of the following is known as azote?							
	a) Oxygen	,	b) Nitrogen					
	c) Sulphur		d) Carbon dioxide					
	8) The main compo	nent of natural gas	is					
	a) Methane	b) Ethane	c) Propane	d) Butane				
	9) Pencillin is an an	tibiotic which is ext	racted from					
	a) Algae		b) Fungi					
	c) Bryophytes		d) Pteridophytes					
	10) In the absence o	f oxygen, glucose is	s broken down into					
	a) Lactic acid		c) Acetic acid					
	11) Cockroach move	s with the help of it	S					
	a) leg	b) bone	c) muscular foot	d) Whole body				
	12) are the ch	nemical substances,	secreted by endocring	ne glands.				
			c) Proteins					
П.	Fill in the blanks:			5×1=5				
	13) is defined	as the amount of l	neat required to raise	the temperature				
	of 1 kg of a subst	•						
	14) A magnet has		es.	. ,				
	15) The boiling point of water is							
	16) Wasp sting contains							
	17) are the in	fections protein par	rticles.					
Ш	. State True or False. I			5×1=5				
	18) Liquid pressure decreases with the decrease of depth.							
	19) Water can conduct electricity.							
	20) Acids are bitter in							
	21) Cardiac muscle is a	a voluntary muscle.						
	22) Female anopheles	mosquito is a carrie	er of denaue virus	,				
_			a so seeing a vindor					
IV.	Match the following:			5×1=5				
	23) Spollin law	_		2/1-2				

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Change in voice

Iron

23) Snell's law

24) Ultrasonics

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•	25) Rusting	-	Testoster	one					
	261	Administration		sini = µ						
	20,	Adam's Apple	-	sinr						
	27)	Androgen	-	Frequenc	y more than 200)00 Hz.				
V.	An	wer any 10 of th	a fall	owina			10×2=20			
•	28)	Define friction, G	live to	vo example:	s of the utility Of	firiction in day	to day life.			
	29)	Give any two ap	plicati	ons of a cor	ncave mirror?					
		Write a note on	-							
	31)	Earth acts as a h	nuge l	oar magnet.	Why? Give reas	sons.				
	32)	Define Alchemy								
	33)	Match it:								
		Nitrogen		•	n in living anima	ils				
		Oxygen		Fertilizer						
		Carbon dioxide		_)			
	. 24	Dry Ice Write the names		Fire exting						
	34)			e following () N ₂ O	c) NO ₂	d) (PCIs			
	351	a) COWhat is a neutra		•		_,	3			
	36)	Name the places	in Ta	milnadu har	nessina wind er	nergy from win	d mills.			
		Define - Thallus				3,				
		Mention the fund	ctions	of a 'Alveo	li'					
		List out the char				y.				
		What is crop rot								
	,							-		
VI.		wer any 8 of the					8×4=3	2		
		State pascal's la								
		Explain the work	-		ask?					
		List out uses of magnets.								
		What are the achievements of Chandrayan I?								
		Explain how food items are spoiled by chemical reactions?								
		What are the uses of bases?								
		Write differences between monocot and dicot plants?								
		Draw the structure of human eye and label its parts.								
	49)	What are the physical changes that occur in boys and girls during								
		adolescence?		- 6 1 - 1 1 -	2		-3			
	50)	What are the ef	rects	or acid rair	ir now can we	prevent then	ır			
VTT	And	wer in detail:					3×7=	:21		
•		Explain the work	kina d	f a perisco	ne.					
	31)	Explain the free	9		(OR)					
		Describe the str	uctur	e and fund	•	man ear?				
	521									
	32)	 Tabulate the difference between metals and non-metals Name the elements with the following symbols. 								
				_		DOIS.	:> A1			
		i) Na	11) Ba	iii) W		iv) Al			
	(QR)									
		b) Explain the different ways by which water gets polluted?								
	53)	Write a short note on common human diseases caused by micro organisms.								
					(OR)					
		a) How is the sl								
		b) Indly Share Your					of deforesta	tion?		
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