**V12C** 

## Virudhunagar District



Common Second Revision Examination - 2025

124	-	14	-	
Sta	and	laı	rd	12
Ch	IEM	IIS	STI	RY
	E) -	- B	7	Adaption 1

Marks: 70

Cho

Time: 3.00 Hours

nee	the correct answe			15×1=15
	Which of the follow		flux?	
1)	a) CaO	b) FeO	c) FeSiO <sub>3</sub>	d) SiO <sub>2</sub>
2)	The role of barium s	sulphate in Rosenmu	nd reduction is	
/	a) Catalyst	b) Reducing agent	c) Catalytic poison	d) Promoter
3)	Assertion : Pheno	ol is more acidic that	n ethanol	
٥,	Poscon Dhone	avida ian ia racanana	a atatatica	
	a) If both accertion	and reacon are true	e stabilized and reason is the cor	rect explanation
	h) If both accortion	on and roacon are	ture but reason is	not the correc
	evolunation of a	cortion	ture but reason is	A VALUE OF THE STATE OF THE STA
	explanation of as			
		but reason is false		14. (8)
4)	d) Both assertion a		and by Fady	
7)	Which one of the fo			d) Vitamins
5)	a) DNA	b) Enzymes	c) Harmones	the correct code
3)	Match items in colum	in I with the items of (	Lolumn - II and assign	the con (0)
	Column - I			
	A Borazole	1. B(OH) <sub>3</sub>		
	B Boric acid	2. $B_3N_3H_6$		
	C Quartz	3. $Na_2[B_4O_5(OH)_4]$	8H <sub>2</sub> O	
	D Borax	4. SiO <sub>2</sub>		
2	A B	C D		
	a) 2 1 b) 1 2	4 3	\$ 10 mm 16 2 1	
	b) 1 2	4 3 • •		
	(c) 2 1	3 4		
4	d) None of these		Sec	
6)	CsCI has bcc arrangen	nent, its unit cell edge le	ngth is 400 pm, its inter	atomic distance is
			aracteristics	1 /3 Jayon
	a) 400 pm	b) 800 pm	c) $\sqrt{3} \times 100  \text{pm}$	d) $\left  \frac{\sqrt{3}}{2} \right  \times 400  \text{pm}$
7)	pH of 0.001 M HCli			- 1, - ブ
,,		b) 3	c) 4	d)-5
8)				
, Uj	The sum of primar	OVII Chic	idaly valency of the	: Thetai M in the
	complex [M (en) <sub>2</sub> (	b) 6	c) -3	٩, ٥
	a) 3 The half life period of			d) 9
9).	The half life period of		on is 5 minutes, the t	ime required for
	99.9% completion i		-> 10	
401	a) 99.9 min		c) 10 min	d) 50 min
	The blue colour of			
	a) Tyndall effect		b) frequency factor	
	c) activation energ		d) collision rate	
11)	Which of the follow			
	a) HI	b) HF	c) HBr	d) HCl
12)	The most common			
	a) +2	b) +4	c) +3	d) +6

 $NaOH \rightarrow C_6H_5NH - COC_6H_5$  this reaction is known as 13) Aniline + Benzoyl Chloride a) Friedel - Crafts reaction b) HVZ reaction

-c) Schotton - Baumann reaction d) Kolbe's reaction

14) Which of the following is a mono saccharide? a) Sucrose b) Galactose c) Lactose d) Maltose 15) How many Faraday's of electricity are required for the following reaction to

occur  $MnO_4^- \rightarrow Mn^{2+}$