ROII NO. 119464 (2/4)

Chemistry

SSC (10th)1" Annual 2023

Paper : II

Group : 1

Objective 3

145 2 mg 5

Time : 15 Minutes

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Marks : 12

Paper Code 7 4 8 1

12:

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Note: -You have four choices for each objective type question as A, B, C and D. The choice which you think is correct, fill that choice in front of their question number in your answer book. Use marker or pen to fill the circles. Cutting or filling up two or more circles will result no mark.

(SECTION-A JILL)

Q.1	Questions / عالم	A	В	С	D
1.	The characteristics of reversible reactions are many, except one of the given:	Products never recombine to form reactants	ی کی صبل کے گئی گئے They never complete	さいたいかいか。 いだされ They proceed in both ways	ال الله الله الله الله الله الله الله ا
2.	. ← pOH 00 = 0.02 M ← Ca(OH): The pOH of a 0.02M Ca(OH): is:	1.698	1.397	12.31	12.61
3.	The water of crystallization is responsible for the:	Meiting points of crystals	W リース・ロース・アイ Boiling points of crystals	Shapes of crystals	Transition point of crystals
4.	Coal having 90 % carbon content is called:	Peat	نون Lignite	Anthracite	Bituminous
5.	್ನು ರ್ಷ್ಟ್ರೀ (Substitution) ಎಳ್ಳುವಿಂದರಿ One of the given is a substitution reaction:	الكامير أن الأخياط Halogenation of alkynes	الكينز أن الم الله Halogenation of alkenes	الكيد في مراضون Halogena of alkanes	الكينزڭ الكينز Bromination of alkenes
6.	Te おがいしまといととい Which of the given is a disaccharide?	:// Glucose	;≓∃ Fructose	Sucrose	ë.↓ Starch
7.	الم المياران لا تريا 199 أيد أن شاء 199 من الماران ال	30 Kilo metres	≥/35 35 Kilo metres	2715 15 Kilo metres	≥₹11 11 Kilo metres
8.	ತಿಕೆ ಫಾರ್ಯಕ್ಷ ಪ್ರವರ್ಷಕ್ಕೆ ಮುಸ್ತಿಸಿತಿ. X Carbon monoxide is harmful to us because:	さかfいだ。 + 込が It paralyses the lungs	# # # Love = # # # # # # # # # # # # # # # # # #	というできる。 //パンとから上り 上さい it reduce—cygen carrying ability of haemoglobin	it makes the blood coagulate
9.	್ರಾರ್ಟ್ ಬ್ರಾರ್ಟ್ ಚಿತ್ರಗಳು ಬಿಡ್ ರಾಭ್ಯ Water dissolves non-ionic compound by:	Substruct for-ion forces	lon-dipole forces	ား ပည်။ Dipole-dipole forces	Hydrogen bonding
10.	پال السوس در کیستان ہے۔ Specific heat capacity of water is:	$4.2 K Jg^{-1}K^{-1}$	4.2.Jg ⁻¹ K ⁻¹	2.4 <i>KJg</i> ⁻¹ <i>K</i> ⁻¹	2.4Jg ⁻¹ K ⁻¹
11.	Which one of the given organic compounds is found in gasoline?	C_2H_4	C_3H_8	C ₈ H ₁₈	$C_{12}H_{26}$
2.	-4 + 6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 +	cos	$Ca(OH)_2$	CaCO ₃	CaO

	C (40th)4st a	Roll No. 15 u	154748 (C/2)	
Chemistry	SC (10th)1st Annu	al 2023	11-18 (274)	10 4(1)
Time : 1:45 Hours Group : I	Paper (II)	,		5 1/2
CIAII			ا 1:45 کے کروپ: پہلا	وآت
	- 00	1	48 :	7
Note: - Section B is compulsory. Attempt any two (2) qu	uestions from Section C.	ر جوابات <u>گئے۔</u>	دم ان ک ہے۔ صد موغ یم سے کوئے دو موالوں۔	4
	(SECTION-B	(حنددو		1-00
2. Write short answers to any five parts.	(5x2=10)		E 13 = 1 = 1 = 1 = 1 = 1	1 -2
How is dynamic equilibrium established?			الكرائي المراج كالم المراج الم	
ii. Write equilibrium constant expression for		و م	ویے تھے ، قا ایکن کے لیے ایکن بریم و نشند لی ایج	
the given reaction.	$CO_{(g)} + 3H_{2(g)} \rightleftharpoons CH_{4(g)} +$	ндо	2	
iii. What is an ester group? Write down formul	la of Ethyl Acetate.		يز كروب كإب القال المينيك كالارمول في	U .III
iv Explain different radicals of propane?			4 و الله ك الكور في يكول و فعات تحقيد	W
What is ammonical liquor? Give its use.			きりしかいのよりかの	4
	and the	.5	الدوميك كم اولدال تعريب مجيد الكيمال جي وي	vi
		Li	النامجرية الدولار بولى تعريد عالون كمالاة	viii
vii. Define unsaturated hydrocarbons with exa	mples?	1	۱۱ الكينز (Alkenes) اول فؤكرال مها باطاع	eu.
viii. Why alkenes are called olefins?			to specifical	3
Write short answers to any five parts.	(5x2=10)		१८११४५३१	
i. What is indicator?		(ب) ويكساك	ال ترييط (الد) ارسال	
ii. Define: (a) Normal Salt (b) Basic Salt		5.00-50 W	reader of all	
III. What is pH scale?			14 JUN BURNA OU N	
iv. What is the function of vitamin A and B?			۱۳ و ۱۶ کا ۱۵ کازیاده اشعال خسان در کیون پیدا مگر	
v. Why excessive use of vitamin D is harmful	?		大山市の大田市の	
vi. Define Scum and Leaching process.		£17370	وري المرك أور قابلة في المسلمة على المراق ال	
vii. Write the difference between temporary an	nd permanent		and the state of the sell	
hardness of water?	ncos in water?		The second secon	
hardness of water? viii. Which forces are responsible for dissolving	g polar substitution (5x2=10)	13	22 2 3 3 3 3 3 1 4 6 1 8 "	
		. 5	- NE SUIL CO. ACO "	
i. Differentiate between primary and second	ary air poliu-		a I all I follow the to	
Write the major sources of CO and CO.	emiss	123		
How is CO2 responsible for heating up atn	nospher	1.4.50	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	
	Market Co.		HIV HELENCE SULLED WILL	
Write the names of various metallurgical c	parado		2501070-27 1000 1000 1000 1000 1000 1000 1000 10	
vi. How roasting is carried out?			14 SOLIO-14	
vii. Differentiate between ores and minerals.	nine 09 M	arka) (BAILU	1/1/2 100 100 100 5	
what is the principle of Solvay's process?	th quantion carried (5)	وليادالات	CLIPACEMOCIONI (30) 5	
SECTION - C	ach quastion carries nine 09 M temporary hardness (5)		الله المان الكان الاستال المان المتعادد المدارك المتعادد المدارك المتعادد	
The state of the s		上がらいか	1 4 6 - WEL JUSTIC	
Of water (by) State Law of Mass Action and derive the	expression to (4)		\$ 12 AL J. 16 16 10	
and the state of t			white district (a)	
6. (a) White the advantages of Solvay's proces (b) Estain the various types of Hydrocarbo	(2.5+2	as although	100 - (100) the 100 mg 100 mg 100 mg	
7. Say Mustrate two concepts of acids and base	an with examples) -2	8-117-223-1A-41000	_