Sahaj Adhyayan (सहज अध्ययन)

जर हे Practice Question Papers तुम्हाला खरंच फायदेशीर वाटत असतील तर तुमच्या सर्व मित्र मैत्रिणींना पाठवा.

त्यांना देखील ह्या सर्वांचा अभ्यासासाठी फायदा होऊ द्या.

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जर तुमच्या जवळ कोणत्याही इयत्तेच्या, कोणत्याही परीक्षेच्या, कोणत्याही विषयाचे, Question Papers असतील

तर ते आम्हाला WhatsApp वर पाठवा,

इतर विद्यार्थी मित्रांना त्या सर्वांचा उपयोग होईल.

BVK /	FIRST SE	MESTER EXAM	IINATION	12	
Time	: 2.30 Hrs.] Subj	Class: 11th ect: CHEMISTR	Y . / [Marks	: 50	
NE S	-6.1		1		
Hote	te : General Instructions : (1) All questions are compulsory.				
***	(2) Section-A contains (MCQ) Q.1 to Q.3 of multiple choice type questions carrying one mark each Q.4 to 6 are very short answer type questions carrying one mark each.				
	(3) Section-B contains Q.7 to Q.11 of short answer type questions carrying two marks each. Internal choice is provided to only one question.				
	(4) Section-C contains Q.12 to Q.19 of short answer type questions carrying three marks each. Internal choice is provided to only one question.				
	(5) Section-D contains Q.20 to Q.21 of long answer carrying five				
	marks each. Internal choice is provide to each questions. (6) Use log table if necessary.				
*	Г	D III DIESTINO	1		
		Section - A	A Mi. He II		
Q.1.	The geometry o	of a carbocation is	bocation is (1)		
	(a) Linear	(b) Pl	anar		
	(e) Tetrahedral	(d) O	ctahedral		
Q.2.	S.I. unit of temp	perature is	s (1)		
	(a) Celsius	(b) K	elvin		
	(c) Fahrenheit	(d) D	alton		
Q.3.	The state of the s	ference between the shells goes on, vay from the nucleus. (1)			
	(a) quereasing	(b) d	ecreasing		
	(c) equalizing	(d) s	tatic	- 3	

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yayanı	B = clement radium clushing which gods and periods.
& Janaj Adınyayan	Q.4. What is bond length? (1) Q.5. What mother figure? a mother figure that (1)
	Q.6. What is electronegativity? is left over (1)
cr do.	Section - B Csystallizati
סוונמכנ	Q.7. Differentiate between Isotopes and Isobass. (2)
3	(OR)
, ,,,	State Hund's rule of maximum multiplicity with suitable example.
,	Q.8. Calculate the oxidation number of underlined atoms. (2)
	(a) H ₂ S O ₄ (b) H ₃ P O ₃
כ ב	(Given oxidation number :- $H = +1$, $O = -2$)
2	Q.9. Name the following functional group and write one
12 UII, IVII II ⁻ CL I,	compound for each of these functional group. (2) $(1) - NH_2 \qquad (2) DC = 0$
, , ,	Q.10. Why these is a need of rounding off figures during
. .	calculation? Define stoichiometer
TOCI 1,	Q.11. What do you understand by the terms. (2)
5	(a) residue (b) Filtrate
ב ט ע	Section - C
<u> </u>	Q.12. A compound with molar mass 15 g was found to contain
duestion rapers for	The mild at 13% Sulling Congress
	are combound H-1
ומכווכב	(Atomic mass :- $Cu = .65$; $S = 32$, $O = 16$) (3)
ב ב	19.9 west electronic Configuration
ט	of following eliments.
	(3) weith electronic Configuration of following elements. O crypter COA) BJ Ch 1100-CHEMISTRY (2) CL 17

cg. 11 - weste the characteristics of 5 Block	-
(OR)	200
How much CaO will be produced by decomposition of g. CaCO ₃ ? How many significant figures are present following measurements? (a) 4.065 m (b) 604.0820 kg (c) 12 (d) 4.065 m (d) 604.0820 kg	ent in
Define Homologous series. & clother of	(3)
Q.14. Explain law of conservation of mass with example. What is mole?	(3)
Q.15. Why the second ionization enthalpy is greater than the ionization enthalpy? What are transuranium elements?	(3)
Q.16. Explain Rutherford's alpha particle scattering experin with diagram.	nent (3)
Q.17. Calculate the number of moles and molecules of according acid (CH ₃ COOH) present in 22 g. of it.	etic (3)
Q.18. Define Octate rule.	(3)
Explain sigma (σ) bond is stronger than Pi (π) bond.	
Q.19. What is redox reaction? Explain with example. Section — D	(3)
of Hybridisation.	
(ii) Predict the shape and bond angles in the follow molecules. (a) H ₂ S (b) NF ₁	ing
Q-10. State the law of Modern pelion	Y-(3)

Q.21

(OR)
(i) Explain incomplete and expanded octet with example.
(ii) Write any four postulates of valence bond theory.
(5)
(i) Write the bond line formulae of following compounds.
(a) 3-methyloctane
(b) hept-2-ene
(c) 2, 2, 4, 4 - tetramethyl pentane.
(ii) What is inductive effect and resonance effect?
(OR)
(i) Write the IUPAC names of the following.
(a) OH
- Write the
OH chalauferistics 9
OH characteristics of P Block (AR) P Block (AR) P Block
CH3 8 20. Write the 1235
of 20. Write the
(c) A (NII)
Modern periodic table
1. Line Matter and Write the
i) Explain Fischer projection formula with example. Letine Matter and Weste the Classification of Matters.