V.M.G.R.R SRI SARADA SAKTHI MAT. HR. SEC. SCHOOL		
	REVISION TES	
Standard: X	SCIENCE	Marks: 75
	SET - 4	
I. CHOOSE THE CORRECT AN	NSWER	12X1=12
1. Unitofradioactivityis		
a) Roentgen (b)curie 2. Artificialradioactivitywasdiscov	(c)Becquerel (c	
a) Bequerel(b)IreneCurie(c)R3. Photolysisisadecompositionreact	U	
a) heat (b)electricity	(c)light (d)mechanicalener	ду
4. ThepHofasolutionis3.Its[OH–]co	oncentrationis	
(a) 1×10^{-3} M(b)3M(c) 1×10^{-11} 5. Themolecularformulaofanopenciaa) alkane(b)a		
6. ThesecondarysuffixusedinIUPA	Cnomenclatureofanaldehydeis	<u> </u>
a) -ol (b)-oicaci	id (c)– al	(d)-one
7. World 'No Tobacco Day' is obse a) May 31 b) June 6		d) October 2
 8. Cancer cells are more easily dam a) Different in structure b) N 9. Common energy source in villag a) electricity b) common energy 	fon dividing c) Starved r ge is	al cells because they are mutation d) Undergoing rapid division d) wood and animal dung
10.Green house effect refers to	c) blogus	d) wood and annua dung
11. Which of the following statementa) wind energy is a rene		nd energy
c) production of wind energyd) usage of wind energy	nergy is pollution free can reduce the consumption of	
12. Which is used to edit programsa) Inkscapeb) scII. ANSWER ANY 7 QUESTION	ript editor c) stage	d) sprite SARY) 7X2=14
13. Write any three features of natu		-
14. Define combination reaction.		
15. Classify the following compound	nds based on the pattern of car	bon chain and give their structural
formula.		
, 1 ,	Furan	
16.Write the IUPAC name of CH ₃		
17. Mention the diseases caused by	i tobacco smoke	

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1. IDDM 2. HIV 3. BMI 4. AIDS

- 19. What will happen if trees are cut down?
- 20. What would happen if the habitat of wild animals is disturbed?
- 21. What are the agents of soil erosion?
- 22. Calculate the pH of $1.0X10^{-4}$ molar solution of HNO₃.
- III. ANSWER ANY 7 QUESTIONS: (Q.NO- 32 is compulsory)7X4=28
- 23. What are thermolysis reaction?
- 24. State Soddy and Fajan's displacement law.
- 25. How does pH play an important role in every day life?
- 26. i)What are the various routes by which transmission of human immuno deficiency virus takes place ? ii)Assertion: All drugs act on the brain
 - **Reason:** Drugs disturb the functioning of the body and mind.
 - a) If both Assertion and Reason are true and Reason is the correct explanation of Assertion
 - b) If both Assertion and Reason are true that Reason is not the correct explanation of Asssertion
 - c) Assertion is true but Reason is false
 - d) Both Assertion and Reason are false
- 27. How is a cancer cell different from a normal cell ?
- 28. What is the importance of rainwater harvesting?
- 29 .What are the advantages of using biogas?
- 30. What are the consequences of deforestation?
- 31. i) What is Scratch?
- ii) What is Stage?

32. The molecular formula of an alcohol is C4H10O. The locant number of its –OH group is 2.

- i) Draw its structural formula
- ii) Give its IUPAC name.
- iii) Is it saturated or unsaturated?

IV. ANSWER IN DETAIL

- $\label{eq:comparetheproperties} 33.a) Compare the properties of alpha, beta and gamma radiations.$
 - b) Define one Roentgen.

OR

Explain the process of controlled and uncontrolled chain reaction.

- 34. a) What is homologous series? Give any three of its characteristics?
 - b) Differentiate soaps and detergents.

OR

Explain the mechanism of cleansing action of soap.

- 35. a)Suggest measures to overcome the problems of an alcoholic.
 - b) What precautions can be taken for preventing heart diseases ?

OR

a)How does rainwater harvesting structures recharge ground water? b)Enumerate the importance of forest.

3X7=21

Kindly Send Me Your Key Answers to Our email id - padasalai.net@gmail.com