COMMON QUARTERLY EXAMINATION - 2023 Reg. No. VIII - SCIENCE to abread viscosiv Maximum Marks: 100 Time Allowed : 2.30 Hrs. (15x1=15) I. Choose the best answer. 1. Electric current is a _____ quantity Atatch the following b) supplementary c) derived d) professional a) base Closeness of two or more measured values is called as 2. c) error d) approximation a) accuracy b) precision Which of the following liquids has more viscosity 3. c) Coconut oild) Ghee b) Water a) Grease The spherical mirror with a reflecting surface curved inward is calledS 4. What is electric current? b) concave mirror a) convex mirror c) curved mirror d) None of the above Which one of the following element name is not derived from planet? 5. c) Uranium d) Mercury b) Neptunium a) plutonium 357 State snell's law of reflection. Burning of paper is a _____ change 6. b) chemical c) physical and chemical d) neutral a) physical iundergoes rusting a sinemale private the following elements and state in the symbols for the following elements and state in the symbols for the symbols for the symbols of the symbols for t 7. b) Sodium c) Copper d) Iron a) Tin Buddiso (b ____ is / are responsible for global warming the best alled size and all 8. Seas b) Methane made to of elementation (d ess? a) Carbon dioxide c) Chlorofluorocarbon d) Carbon dioxide, Methane, Chlorofluorocarbon Defina chemical, reaction, Which of the following is known as azote? 9. b) Nitrogen c) Suplher d) Carbon dioxide a) Oxygen is a prokaryotic microorganisms 43. What is global warming? 10. b) Algae a) Virus Based on the shape, the bacteria are classified into ______ types 11. d) five subsrift - anned . an c) four b) three a) two Write any two characters of discoviedons? The first land plants are 12. b) pteridophytes c) gymnosperm d) angiosperm a) Bryophytes One of the following is an edible mushroom Ob 13. a) Polyporus b) Agaricus c) pennicillium d) Aspergillus Solanum trilobatum is the binomial name of Thoothguvalai. The word TN 14. Sto List out the base quantities with their units. 'Solanum' refers to a) Species b) Genus c) Class d) Orders _____ cells are specialised cells that can be transformed into any kind of 15. 54. Explain the working of themas flash, cells. about c) Heart model d) Bone au arth notite M. 22 b) Stem a) Nerve ebos gandesil (8 soda gand (5x1=5) II. Fill in the blanks. _____ is used to measure electric current 16. The Spherical mirror used in a beauty parlour as a make - up mirror is ______ 17. is a chemical substance which alters the speed of a chemical reaction. 18. 19. Microorganism can be seen with the help of a _____ 59. Write any five differen 20. Agar agar is obtained from algae. 60. Tabulate the difference between

III.	State True or False.	ATTA ATTA AY	A VIGTTONIO	(5x1=5)
21.	The number 4.582 can be rounded of	f as 4.58.	a sacra total a	
22.	Viscosity depends on the pressure of	a liquid.		
23.	A chemical reaction is temporary reaction.			
24.	Chicken pox is a cimmunicable diseas	ie.		
25.	Pinus is a closed seeded plant.		er the trait answer	K. Chon
IV.	Match the following	via duantity	ic content is a .	(5x1=5)
26.	Nitrogen fixing bacteria	Vaccine	9	sd (s
27.	Tuberculosis as balled a - ach	Prion	ness of two or more	2 61099
28.	Kuru Ixologia (b. Johis (b	Lactobacillu	is acidophilus	15 (6
29.	Probiotics	Bacteria	of the following lit	S. Which
30.	Edward Janner	Rhizobium	d	no 16
V.	Answer any 15 questions briefly.	ondosina si	Hiw Yomin Issing	(15x2=30)
31.	What is electric current?	nin evenes (wex minor b	a) (a)
32./	Define - Ampere) None of the	b Charlen bev	c) au
33:	Mention any three ways of minimising	g friction?	one of the following	S. White
34.	State the laws of reflection?	Nieptunitum	d	Je (s - P)
35.	State snell's law of reflection.	. Change	ng of paper is a	imue:
36.	Define one calorie? bris topaying (a	T chemical	ysical is horizon	du (6.
37.	Write the symbols for the following el	lements	iligin agogenetiligi	
	a) Oxygen b) Gold	c) Iron	d) Caicum	nif (5 - 1
38,	Why are bells made of metals?	isdelp-not sidi	is and respons	B
39.	Why are utensils made up of aluminiu	um and brass?	Brindia and	57 (8 × 14
40.4	What is the role of a catalyst in a che	emical reaction	nomissionauRonal	D (S · 12-
41.	Define chemical reaction.	Tutown as are	a principlicit and ion	Service -
42	Why photosynthesis is a chemical rea	action.	ygen bi Niuro	XO (B, SAL
43.	What is global warming?	microorganisi	is a prokaryotic	10.
44.	What are pathogens?	10.3	us b) Algan	11V (8 /
	Why microorganisms are essential for	r agriculture?	I on the shape, the	111 88489
	Define - Thallus avi (b	a (2)	ords (d	WI (a.
	Write any two characters of dicotyled			
	Write the difference between algae a			
49.	What is cell differentiation?	neum sicibe n	k the following is an	13 Done c
50.	Define - prokaryotic cell.	(cus c) p	VDORUS b) Agar	of (s
	Answer in detail any 8 questions			
	List out the base quantities with their		intro refers to	
	Describe an experiment to prove that			
27 C	Explain the working of a periscope.		ier oggetene elles t	15.
	Explain the working of thermos flask.			er cells.
55.	Mention the uses of the following con			en (s
	a) Baking Soda B) Bleaching		· · · · · · · · · · · · · · · · · · ·	IT. FRIAN
	Explain how food items are spoiled by	LT IS NOT LIVE TO LARD	and the second	IS STAT
	What are the effects of acid rain? How can be prevent them.			
587	write a short note on common human diseases caused by microorganism.			
	(Write any five)	n with the hel	rganism can be see	19. Michoo
	Write any five difference between dicot and monocot plant.			
60.	Tabulate the difference between aero	bic and anaer	obic respiration.	
	VIII - Sci	ience - 2	and the first	The second
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