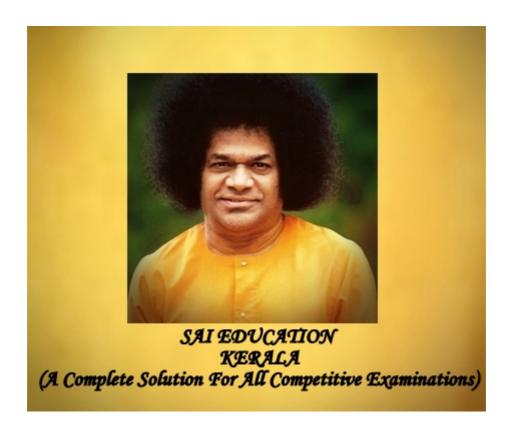
## ONLINE COACHING DAY 65 (04-06-19) - CHEMISTRY

KERALA UNIVERSITY ASSISTANT SPECIAL



Name of the Candidate \* M-2

Place \*

Thrissur

## Untitled Section

Please watch the online video (1,2 and 3)

https://youtu.be/FGXerJiEdxo https://youtu.be/I6boCkw9mJU https://youtu.be/owrqCOTrcf0

1. Smallest constituent particle in the universe is *	1 point
Atom	
○ Molecule	
Compound	
Elements	
<ul><li>2. Atoms having same atomic number but different mass number is known as *</li><li> Isomer</li></ul>	1 point
○ Isobar	
Isotope	
O None of these	
3. The total no. of protons or electrons in an atom is known as *  Mass number	1 point
Atomic Number	
○ Isotope	
O None of these	
<ul> <li>4. Value of Avogadro's number *</li> <li>0.6023*10^22</li> <li>6.023*10^22</li> <li>6.032*10^23</li> </ul>	1 point
<ul><li>6.023*10^23</li></ul>	

5. Losing of electrons is the chemical property of *	1 point
Metals	
O Non Metals	
Metalloids	
O None of these	
6. Which law states that energy can neither be created nor be destroyed but can change from one form to another. *	1 point
Charle's Law	
Law of conservation of Mass	
Law of conservation of Energy	
C Faraday's Law	
7. Unlike charges each other *  repels  attracts	1 point
ocomes parallel	
O none of these	
<ul> <li>8. How many electrons should be present in the valence shell to attain stability *</li> <li>4</li> <li>6</li> <li>8</li> <li>7</li> </ul>	1 point

9. Which of the following is not sub atomic particles in an atom. *	1 point
○ Electrons	
Neutrons	
Quarks	
O Protons	
10. Flow of electrons from +ve to -ve is known as *	1 point
Electricity	
O Magnetism	
○ Energy	
○ Force	
II. Ability to do work is known as *  O Force	1 point
O Stress	
<ul><li>Energy</li></ul>	
O None of these	
<ul><li>12. Isotope of hydrogen which contains one proton and one neutron is *</li><li>Protium</li></ul>	1 point
Deuterium	
O Tritium	
O None of these	

13. Which of the following has a -ve charge *	1 point
O Protons	
Neutrons	
Electrons	
O None of these	
14. 17th group elements is known as *	1 point
Alkali Metals	
Alkali Earth Metals	
Halogens	
Transition Elements	
15. Which of the following is the radioactive element in the 1st group elements? *	1 point
Lithium	
Sodium	
Rubidium	
Francium	
16. Neutron was discovered by *	1 point
<ul><li>James Chadwick</li></ul>	
O J. J. Thomson	
C Ernest Rutherford	
O None of the above	

17. Lightest metal *	1 point
Calcium	
Sodium	
<ul><li>Lithium</li></ul>	
O Potassium	
18. Which is not a type of elements ? *	1 point
Metals	
O Non Metals	
○ Metalloids	
Gases	
19. What nucleus of atom contains ? *	1 point
O Protons	
○ Electrons	
Electrons and Protons	
Protons and Neutrons	
20. The isotope atoms differ in ?*	1 point
Number of neutrons	
Atomic number	
Number of electrons	
Atomic weight	

21. Mass number is equal to *	1 point
Number of electrons	
Number of neutron	
Number of protons	
Total number of protons and neutrons	
22. Which gas is used in fire extinguishers?*	1 point
<ul><li>Carbon dioxide</li></ul>	
Nitrogen oxide	
O Carbon monoxide	
O Sulpher dioxide	
23. The most malleable metal is *	1 point
O Platinum	
Silver	
Gold	
○ Iron	
24. The Chemical Symbol of Sodium is *	1 point
○ So	
○ Sd	
<ul><li>Na</li></ul>	
○ Nu	

25. Which metal is heaviest ? *	1 point
Osmium	
O Mercury	
○ Iron	
O Nickle	
Thank You!!!	

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