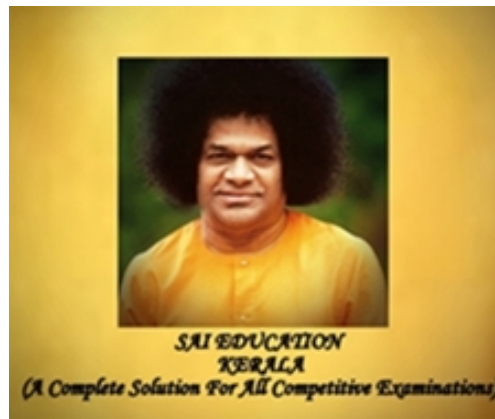


# 108 DAYS ONLINE COACHING-DAY(37) -16/10/19, WEDNESDAY

CHEMISTRY



NAME OF THE CANDIDATE \*

M2

PLACE OF THE CANDIDATE \*

Kannur

WHATSAPP NUMBER (JOINED IN SAI EDUCATION ONLINE  
COACHING PLATFORM GROUP) \*

555

## QUESTIONS

PLEASE WATCH THE ONLINE CLASSES CAREFULLY AND ANSWER THE FOLLOWING QUESTIONS



<https://youtu.be/owrqCOTrcf0>

<https://youtu.be/l6boCkw9mJU>

<https://youtu.be/FGXerJiEdxo>

1. Absolute zero = \_\_\_\_\_

1 point

-273.16°C

-274°C

-274.16°C

-273°C

2. The radioactive element is \_\_\_\_\_.

1 point

Na

Fr

Rb

Cs

3. Which group is known as alkali- metals

1 point

- 1
- 2
- 3
- 4

4. "Energy cannot be created or destroyed, but only changed from one form to another". This law is known as \*

1 point

- Law of conservation of energy
- Avagadro's law
- Charle's law
- Boyle's law

5. The charge less particle in the nucleus is \*

1 point

- Proton
- Electron
- Neutron
- None of this

6. An atom is made up of \_\_\_\_\_ \*

1 point

- Electrons
- Protons
- Neutrons
- All of these

7. Name an atom in which the nucleus of that atom does not contain any neutron? \*

1 point

- Oxygen
- Hydrogen
- Phosphorus
- Sodium

8. Who had discovered electron? \*

1 point

- Niels Bohr
- E Goldstein
- J. J. Thomson
- James Chadwick

9. Who had discovered neutron? \*

1 point

- J. J. Thomson
- James Chadwick
- Goldstein
- Rutherford

10. The correct electronic configuration of sodium is \*

1 point

- 2,8,1
- 8,2,1
- 2,1,8
- 2,8,2

11. Avogadro number represents the number of atoms in \*

1 point

- 12 g of C-12
- 320 g of sulphur
- 32 g of oxygen
- 12.7 g of iodine

12.1 mole= \_\_\_\_\_ \*

1 point

- $6.023 \times 10^{23}$
- $60.23 \times 10^{22}$
- $6.023 \times 10^{-23}$
- $602.3 \times 10^{22}$

13. Which element has the smallest atom size? \*

1 point

- Hydrogen
- Helium
- Lithium
- Sodium

14. The elements which have the same atomic number and different mass number is known as \*

1 point

- Isobar
- Isotope
- Ions
- None of these

15. Which metal has smallest atom? \*

1 point

- Hydrogen
- Lithium
- Helium
- Francium

16. Which element has the largest atom size? \*

1 point

- Francium
- Rubidium
- Caesium
- Option 4

17. How many electrons are in the outermost shell of an atom? \*

1 point

- 4
- 6
- 8
- 2

18.The lifting agent in balloon is \*

1 point

- Hydrogen
- Helium
- Carbon
- Oxygen

19.What is the use of hydrogen? \*

1 point

- Rocket fuel
- Welding
- Production of HCL acid
- All of these

20.Who discovered proton? \*

1 point

- Rutherford
- J. J. Thomson
- Nielsbohr
- Goldstein



21. What is an isotope? \*

1 point

- Same atomic number and different mass number
- Same atomic number and same mass number
- Different atomic number and same mass number
- Different atomic number and different mass number

22. The mass number of an element represents the number of : \*

1 point

- Electrons and neutrons
- Electrons and protons
- Neutrons and protons
- Neutrons only

23. The energy getting by the placement \*

1 point

- Potential energy
- Kinetic energy
- Both a and b
- None of these

24.The SI unit of energy is \*

1 point

- Hertz
- Joule
- Ampere
- Watt

25.At first who differentiate the elements to metals and non-metals? \*

1 point

- J. J. Thomson
- Lavoisier
- Rutherford
- Niels Bohr

THANK YOU 

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