

**M.V.MUTHIAH GOVERNMENT ARTS COLLEGE FOR WOMEN**

**DINDIGUL – 624 001, TAMIL NADU, INDIA**

**(AFFILIATED TO MOTHER TERESA WOMEN'S UNIVERSITY, KODAIKANAL)**

**RE-ACCREDITED WITH NAAC 'A' GRADE**

**DEPARTMENT OF CHEMISTRY**

**ONLINE INTERACTIONS - ACTIVITY REPORT**

**Event Name: National Level E-Quiz on Chemistry**

**Start Date: 3.06.2020**

**End Date : 4.06.2020**

**No. of Participants: 942**

**“National Level E-Quiz on Chemistry” was conducted by the Department of Chemistry, M.V.Muthiah Government Arts College for Women, Dindigul on 3.06.2020 & 4.06.2020.**

**942 participants of various departments from various Institutions of all over India had taken part in the E-Quiz. 657 Participants had successfully completed and received their E-Certificates.**

**This Quiz competition contains 20 Multiple Choice Based questions about General Chemistry.**

**The objective of conducting this E-quiz competition is to kindle the knowledge of basic science among the students,**

**scholars and faculties and to enrich their basic knowledge of General Chemistry during this Corona Pandemic Lockdown situation.**

**E-Certificates were sent through registered E-mail id for the participants who have secured 60% of marks and above in the Quiz.**

**No. of Participants attended: 942**

**No. of Participants Secured 60% of marks and above: 657**

**Link for the E-Quiz: <https://forms.gle/8duo4e8yjyeNqZZF8>**



## National Level E-Quiz on Chemistry

M.V.Muthiah Government Arts College,Dindigul,Tamil Nadu Date:

03/06/2020 & 04/06/2020 Time :10.00am to 6.00pm

forms.gle

Greetings to All,

PG Department of Chemistry,  
M.V.Muthiah Government Arts College for Women , Dindigul,happily invites you  
to take part in National Level E-Quiz on Chemistry .

Date:03/06/2020 & 04/06/2020

Time:10.00am to 6.00 pm

No Registration Fee

E-Certificates will be provided to the participants who scores 60% in the quiz.

With Regards,

Dr.C.Ladha Pooranam

Principal.

Dr.M.Dhanalakshmi,

Convenor and Head ,

Department of Chemistry.

Here is the link for the Quiz: <https://forms.gle/8duo4e8yjyeNqZZF8>

2:34 pm ✓



Section 1 of 3

## National Level E-Quiz on Chemistry



M.V.Muthiah Government Arts College,Dindigul,Tamil Nadu

Date: 03/06/2020 & 04/06/2020

Time :10.00am to 6.00pm

Email address \*

Valid email address

This form is collecting email addresses. [Change settings](#)

Name of the participant(in block letters) \*

Short answer text

Designation/class \*

Short answer text

Name of the institution \*

Short answer text

Department \*

Short answer text

After section 1 Continue to next section

Section 2 of 3

## National Level E-Quiz on Chemistry



Description (optional)

1. Who discovered that water is composed of two parts hydrogen and one part oxygen by volume?

- Pierre Robiquet
- Joseph Louis Gay-Lussac
- Henri-Victor Regnault
- Georges Urbain

2. Which among the following would cause the bright red color due to bursting of crackers?

- Strontium
- Sodium
- Sulphur
- Magnesium

3. Presence of which among the following minerals in Banana makes them slightly radioactive?

- Sodium
- Calcium
- Magnesium
- Potassium

4. Which among the following chemicals is used in Photography?

- Silver Bromide
- Potassium Chloride
- Sodium Bromide
- Magnesium Chloride

5. Which among the following is called "Fool's Gold" ?

- Copper Sulphate
- Iron Sulfide
- Brass
- Silver Bromide

6. LPG is a mixture of \_\_\_\_\_.

- Methane and butane
- Butane and propane
- Methane and propane
- Ethane and propane

7. Who coined the word 'nanotechnology'?

- Eric Drexler
- Richard Feynmann
- Sumio Tjijima
- Richard Smalley

⋮

8.  $sp^3d^2$  hybridization is present in  $[Co(NH_3)_6]^{3+}$ , find its geometry

- Square planar geometry
- octahedral geometry
- tetragonal geometry
- tetrahedral geometry

9. Chlorination is a process used for water purification. The disinfecting action of chlorine is mainly due to.

- The formation of hydrochloric acid when chlorine is added to water.
- The formation of hypochlorous acid when chlorine is added to water.
- The formation of nascent oxygen when chlorine is added to water.
- The formation of hydrogen when chlorine is added to water.

10. Formic acid is produced by

- White Ants
- Cockroaches
- Red ants
- Mosquitoes



## National Level E-Quiz on Chemistry



Description (optional)

11. Trans boundary Pollution or Acid rain is caused by

- Carbon dioxide
- Hydrocarbon
- Nitrogen oxide and sulphur dioxide
- Carbon monoxide

12. Stains of rust on clothes can be removed by

- Alcohol
- Petrol
- Hydrogen peroxide
- Oxalic acid

13. The National Chemical Laboratory is situated in

- New Delhi
- Bangalore
- Pune
- Patna

14. What is the molecular geometry of a Methane molecule?

- Linear
- Square Planar
- Tetrahedral
- Trigonal bipyramidal

15. What is the chemical formula of Rust?

- $\text{Fe}_2\text{O}_3 \cdot n\text{H}_2\text{O}$
- $\text{Fe}_2\text{Cl}_3 \cdot n\text{H}_2\text{O}$
- $\text{FeCO}_2 \cdot n\text{H}_2\text{O}$
- $\text{FeO} \cdot n\text{H}_2\text{O}$

16. Which of the following is a polymer of amino acids?

- Starch
- Cellulose
- Proteins
- None of the above

17. Cobalt - 60 is commonly used in radiation therapy because it emits

- Alpha - rays
- Beta rays
- Gamma rays
- X - rays

18. What do we call the region of space around the nucleus where the probability of finding an electron is maximum?

- Shell
- sub-shell
- Orbital
- electron cloud

19. Which of the following is true about a water molecule?

- It has a bent-shaped structure
- The bond angle is  $120^\circ$
- It is a non-polar solvent
- All of the above

20. The mass defect for an isotope was found to be 0.410 amu/atom. Calculate the binding energy in kJ/mol of atoms. ( $1 \text{ J} = 1 \text{ kgm}^2/\text{s}^2$ )

- $3.69 \times 10^{10} \text{ kJ/mol}$
- $1.23 \times 10^{20} \text{ kJ/mol}$
- $3.69 \times 10^{13} \text{ kJ/mol}$
- $1.23 \times 10^3 \text{ kJ/mol}$

942 responses



Not accepting responses

Message for respondents

This exam is not currently accepting submissions. Please check back again later.

Summary

Question

Individual

### Insights

Average

14.01 / 20 points

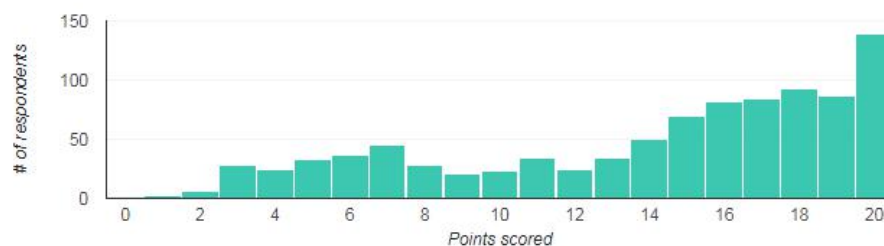
Median

16 / 20 points

Range

0 - 20 points

Total points distribution



**M. V. Muthiah Government Arts College For Women**  
(Affiliated to Mother Teresa Women's University, Kodaikanal)  
Re-accredited with 'A' Grade by NAAC  
Dindigul-624 001, TamilNadu

**CERTIFICATE OF APPRECIATION**  
(Certificate ID:CNPXI0-CE000447)

**ANIL KUMAR MAURYA BA 2nd year Banaras Hindu University** has successfully completed the National Level E-Quiz on Chemistry conducted by the Department of Chemistry, M.V. Muthiah Government Arts College, Dindigul-624001, Tamil Nadu on 03/06/2020 & 04/06/2020.

*M. Dhanalakshmi*

**Dr.M.Dhanalakshmi**  
Convener

*Dr.C.Ladha Pooranam*

**Dr.C.Ladha Pooranam**  
Principal

