

B.L.D.E. Association's

**S.B. Arts and K.C.P. Science College**

**Vijayapur**

**DEPARTMENT OF CHEMISTRY**

**ADVANCE LEARNING**

**QUIZ COMPETITION**

**2015-16**

DEPARTMENT OF CHEMISTRY

NOTICE

Chemistry Students of B.Sc II, IV and VI sem are informed that like every year, this year also Department of chemistry is conducting a quiz competition on 18/09/2015. The competition will be held in room no. 25 at 3:00 pm. So, students can enroll their names to Prof. S. S. Sathihal on or before 16/09/2015.



**Head**

Dept. of Chemistry  
SB Arts & KCP Sc. College,  
Vijayapur.



**IQAC, Co-ordinator**  
S.B.Arts & K.C.P.Science College,  
Vijayapur.



**Principal,**  
S.B.Arts & K.C.P. Science College,  
VIJAYAPUR.

A quiz competition is conducted for chemistry students in room no. 25 on 18/09/2015. There were total 10 students participated into 5 groups. In each group two students.

Prof. M. S. Yadawe was the organiser. Each team was given one minute time to answer. Points allotted for Correct answer was two and there was no negative mark for wrong answer or no answer. Participant team can say pass if answer was not known. Total 20 questions were asked based on basic science and chemistry. Prof. M. I. Kumbar was the judge for this competition.



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## Quiz competition Questions

1. One of the essential minerals in the human body is salt. How much salt (NaCl) is in the average adult human body?  
a) 1 kg    b) 500 gms    c) 250 gms    d) Practically none
2. If you fill a glass to the brim with ice water and the ice melts, what will happen?  
a) The glass will over flow as the ice turns to water.  
b) The level of water in the glass will remain unchanged as the ice melts. c) The water level will drop slightly as the ice melts.  
d) I'll never find out because I'll drink the water or walk away before anything happens.
3. The symbol Sb stands for stibnum or stibnite. What is the modern name of this element?  
a) Arsenic    b) Tin    c) Antimony    d) Samarium
4. Water-based liquids can be described as acidic, neutral, or basic, with respect to pH. Which of these describes milk?  
a) Slightly Acidic    b) Strong Acid    c) Neutral    d) Slightly Basic
5. DNA codes for proteins, which are the building blocks of organisms. What is the most abundant protein in the human body?  
a) Tubulin    b) Albumin    c) Collagen    d) Keratin
6. Noble gases are inert because they have completed outer electron shells. Which of these elements isn't a noble gas?  
a) Helium    b) Argon    c) Chlorine    d) Krypton
7. What is the most common isotope of hydrogen? KLJLL  
a) Protium    b) Deuterium    c) Tritium    d) Hydrogen only has one isotope!
8. How many isomers are contained by Hexane?  
a) Two    b) Three    c) Four    d) Five
9. Which of the following cyclohexane conformations has the MOST energy?  
a) chair    b) half-chair    c) boat    d) twist-boat
10. Which of the following statements in relation to the hydrogen atom is correct?  
a) 3s-orbital is lower in energy than 3p-orbital  
b) 3p-orbital is lower in energy than 3d-orbital  
c) 3s and 3p orbitals are of lower energy than 3d orbital  
d) 3s, 3p and 3d orbitals all have the same energy.

11. Monomers of Bakelite is/ are  
(a) formaldehyde (b) styrene and phenol  
(b) formaldehyde and phenol (d) ethylene and styrene
12. Photochemical smog is a resultant of the reaction among  
(a) NO<sub>2</sub>, O<sub>3</sub> and peroxy acetyl nitrate in the presence of sunlight  
(b) High concentration of NO<sub>2</sub>, O<sub>3</sub> and CO in the evening  
(c) NO<sub>2</sub> and peroxy acetyl nitrate in the presence of sunlight  
(d) CO, CO<sub>2</sub> and NO<sub>2</sub> at low temperature
13. Ink is prepared from  
(a) dye (b) tannin (c) starch (d) latex
14. The scientific instrument, manometer is using in a measure of  
a) Electrical power b) Pressure c) Humidity (d) purity of milk
15. Formic acid is produced by  
(a) red ants (b) white ants (c) mosquitoes (d) cockroaches

Prize distribution was done during, Science day celebration function. Chief guest of the function distributed the prizes to the winners.

1. First Prize : 1. Miss. Vittal . Dudagi

2. Mr. Akash Patil

2. Second Prize: 1. Miss . Rakshita Bhairagond

2. Miss. Girish Biradar

**Head**

**Dept. of Chemistry**

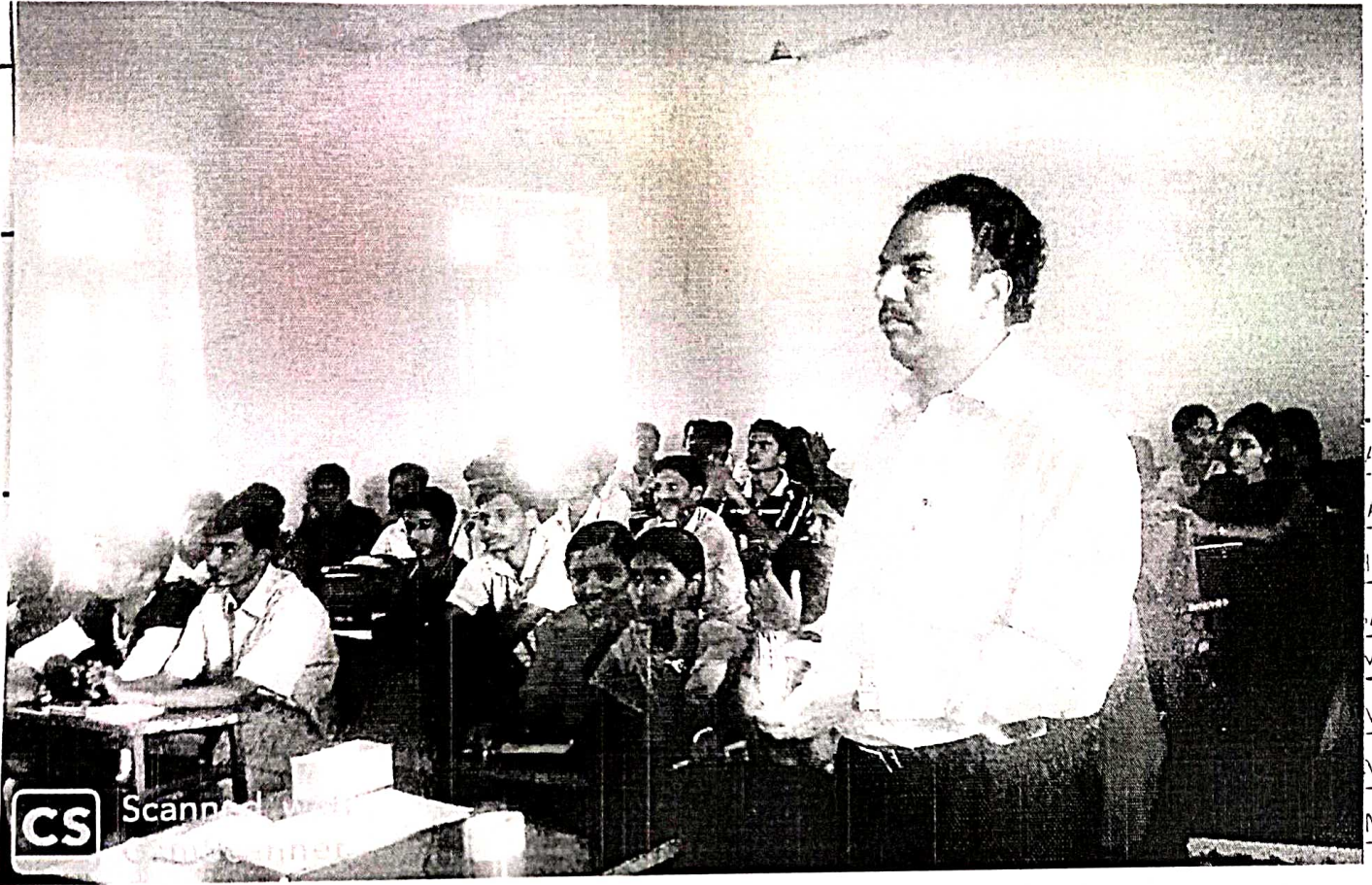
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