

B.L.D.E. Association's

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

Vijayapur

DEPARTMENT OF CHEMISTRY

ADVANCE LEARNING

QUIZ COMPETITION

2019-20

B.L.D.E.ASSOCIATION'S
S. B. ARTS AND K. C. P. SCIENCE COLLEGE
VIJAYAPUR
Department of Chemistry

NOTICE

All the Chemistry students of B.Sc I, III and V sem are hereby informed that a quiz competition is conducted under Dalton's Society Activity on 14 /10 /2019 at Seminar Hall at 4:00 pm. So, all interested students can register their names in Dr. M I Kumbar within 12 /10 /2019.



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 and KCP Science College
VIJAYAPUR

Details of Participants

| Team | Name of the Students | Class |
|------|----------------------|-------|
| A | Abhishek Pujari | III |
| B | Shashikumar Haranal | III |
| C | Arun R. Konadi | III |
| D | Akila B Karani | I |

COMPETITION DETAILS

DATE : 14/10/2019

TIME : 3:00 to 4:30 pm

VENUE: Seminar Hall

ORGANISER : Dr. Umashri and Miss. Muttakka Halalli

NAME OF THE JUDGES : 1. Dr. M I Kumbar

2. Dr. U. S. Pujari

Quiz competition entrance test

Instructions:

Date: 23-09-2019

- (i) Answer all the questions. Each question carries 2 marks.
- (ii) Each question has 4 alternatives responses marked as a), b), c), and d).
You have to tick with a mark on the correct response.
- (iii) There is no negative marking.

1. Total no. of muscles in the human body is
(a) 640 (b) 639 (c) 731 (d) 631
2. Thick and thin walled blood vessels which carry the blood away from and toward the heart respectively are
(a) veins and arteries (b) veins and capillaries
(c) capillaries and arteries (d) arteries and veins
3. Respiratory organs of frog and spider respectively are
(a) Book lungs and skin (b) air bladder and skin
(c) skin and book lungs (d) lungs and book lungs
4. Deficiency of Vitamin A and Vitamin D, respectively leads to
(a) Night blindness and infertility (b) Anemia and rickets
(c) non-clotting of blood and Beriberi (d) Night blindness and mental disorder
5. The colour of the chloroplast is
(a) white (b) gray (c) green (d) red
6. Industrial names of magnesium sulphate ($\text{MgSO}_4 \cdot 7\text{H}_2\text{O}$) and calcium sulphate ($\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$), respectively are
(a) pearl ash and gypsum (b) Epsom and gypsum
(c) Gypsum and epsom (d) no industrial names
7. Monomers of Bakelite is/ are
(a) formaldehyde (b) styrene and phenol
(b) formaldehyde and phenol (d) ethylene and styrene

8. The composition of water gas and producer gas, respectively are
(a) $\text{CO} + \text{N}_2$ and $\text{CH}_4 + \text{C}_2\text{H}_4 + \text{C}_2\text{H}_2$ (b) $\text{CO} + \text{N}_2$ and $\text{CO} + \text{H}_2$ (c) C_2H_6 and CH_4 (d) $\text{CO} + \text{H}_2$ and $\text{CO} + \text{N}_2$
9. The most abundant element in earth crust is
(a) oxygen (b) silicon (c) Aluminium (d) iron
10. The law stating "at constant temperature, the pressure of a Fixed amount of gas (no. of moles) is inversely proportional to its volume" is known as
a) Charles' law (b) Boyles law (c) Daltons law (d) Grahams law
11. The pairs of metals which constitute brass and bronze, respectively are
a) $\text{Cu} + \text{Zn}$ and $\text{Cu} + \text{Sn}$
b) $\text{Cu} + \text{Sn}$ and $\text{Cu} + \text{Ni}$
c) $\text{Cu} + \text{Sn}$ and $\text{Ni} + \text{Sn}$
d) $\text{Cu} + \text{Sn}$ and $\text{Cu} + \text{Zn}$
12. The acids used in photography are
(a) H_2SO_4 and HCl (b) HCl and CH_3COOH (c) HNO_3 and H_2SO_4 (d) HNO_3 and $\text{H}_2\text{C}_2\text{O}_4$
13. The colours of CuSO_4 and $\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$ respectively are
a) White and blue (b) Blue and green (c) white and blue (d) both are colourless
14. Chloroquine is a
(a) Antimalarial (b) Antipyretics (c) Antiseptic (d) Analgesic
15. The scientific instrument, manometer is using in a measure of
a) Electrical power (b) Pressure (c) Humidity (d) purity of milk
16. The radiation with longest wavelength is
a) Microwaves (b) IR radiation (c) Gamma waves (d) Radio waves
17. According to Ohms law the current 'I' and voltage 'V' is
(a) $V \propto I$ (b) $V \propto 1/I$ (c) V doesn't depend on I (d) $I/V = \text{Resistance}$
18. Speed of sound at room temperature in air is
a) 360 m/s (b) 350 m/s (c) 346 m/s (d) 325 m/s
19. Sound and light waves are/respectively in nature.
a) Longitudinal and transverse
b) Transverse and longitudinal
c) Longitudinal

- d) Transverse
20. National Science day is celebrated in India on each year
(a) 18th February (b) 18th March (c) 28th March (d) 28th February
21. Photochemical smog is a resultant of the reaction among
(a) NO₂, O₃ and peroxy acetyl nitrate in the presence of sunlight
(b) High concentration of NO₂, O₃ and CO in the evening
(c) NO₂ and peroxy acetyl nitrate in the presence of sunlight
(d) CO, CO₂ and NO₂ at low temperature
22. The Helium atom loses an electron it becomes
(a) an alpha particle
(b) a proton
(c) a positive helium ion
(d) a positive helium ion
23. Combustion is a
(a) physical and chemical process
(b) biological process
(c) physical process
(d) chemical process
24. Natural radioactivity was discovered by
(a) Rutherford (b) Marie Curie (c) Henri Becquerel (d) Enrico Fermi
25. Acid rain is caused by
(a) CO and CO₂ (b) SO₂ and O₂ (c) SO₂ and NO₂ (d) NO₂ and O₂
26. Ink is prepared from
(a) dye (b) tannin (c) starch (d) latex
27. Formic acid is produced by
(a) red ants (b) white ants (c) mosquitoes (d) cockroaches
28. Stains of rust on clothes can be removed by
(a) alcohol (b) H₂O₂ (c) oxalic acid (d) petrol
29. Which of the following pairs is correctly matched
(a) Gypsum-calcium hydroxide
(b) Milk of lime-sodium sulphate

- (c) Glauber's salt-calcium sulphate
(d) Salt petre-potassium nitrate
30. Which among the following is known as White Vitriol?
(a) Zinc Sulphate (b) Zinc Chloride (c) Zinc Phosphate (d) Zinc oxide
31. Which among the following would cause the bright red colour due to bursting of crackers?
(a) Strontium (b) Sodium (c) Sulphur (d) Magnesium
32. Which athlete is recommended a woman athlete for the prestigious Padma Vibhushan award
(a) M C Mary Kom (b) P V Sindhu (c) Hema Das (d) Neeraj Chopra
33. Chandrayaan-2 Lunar mission comprises :
(a) An Orbiter (b) Lander (c) Rover (d) All the above
34. Which state becomes the first BJP ruled state to reduce traffic fines
(a) Gujarat (b) Karnataka (c) Andhra Pradesh (d) Delhi
35. Which country has inaugurated the world's tallest hydro-electric dam named "Rogun Hydro-Electric Project"
(a) Turkey (b) China (c) Japan (d) Tajikistan
36. Which year is declared has the international year of periodic table of Chemical elements
(a) 2018 (b) 2017 (c) 2019 (d) 2020
37. What is the full form of GST
(a) Goods and service tax
(b) Gross service tax
(c) Goods State tax
(d) Government Service tax
38. International Literacy Day is observed every year on
(a) 5th September (b) 6th September (c) 7th September (d) 8th September
39. In which state Amazon launches its first fulfillment centre
(a) Kerala (b) Andhra Pradesh (c) Tamil Nadu (d) Rajasthan
40. Indian cooperative dairy company "AMUL - The Taste of India"
(a) Arvind Milk Union Limited
(b) Aakash Milk Union Limited
(c) Anand Milk Union Limited

(d) Aditya Milk Union Limited

PRIZE DISTRIBUTION

Prize distribution is done during Hindi Divas celebration. To the winners of quiz completion the chief guest distributed the prizes.

| PRIZE | NAME OF THE WINNERS |
|--------|---------------------|
| FIRST | Akila B Karani |
| SECOND | Abhishek Pujari |

Head

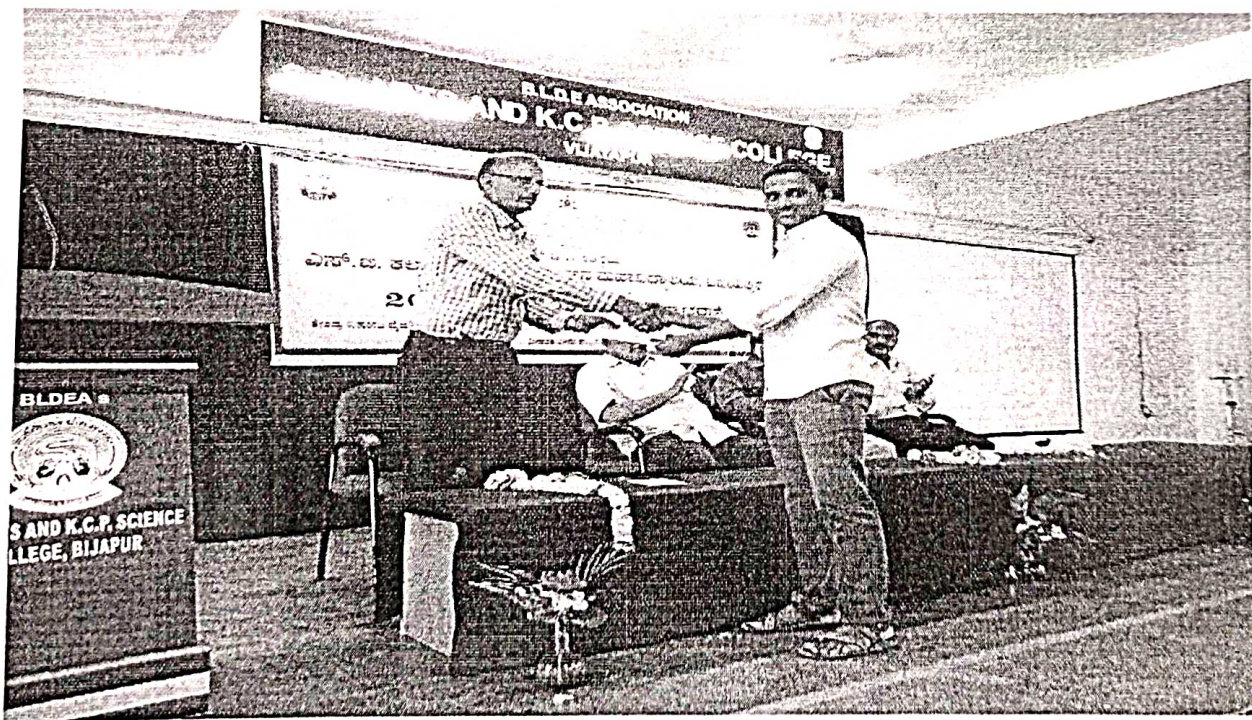
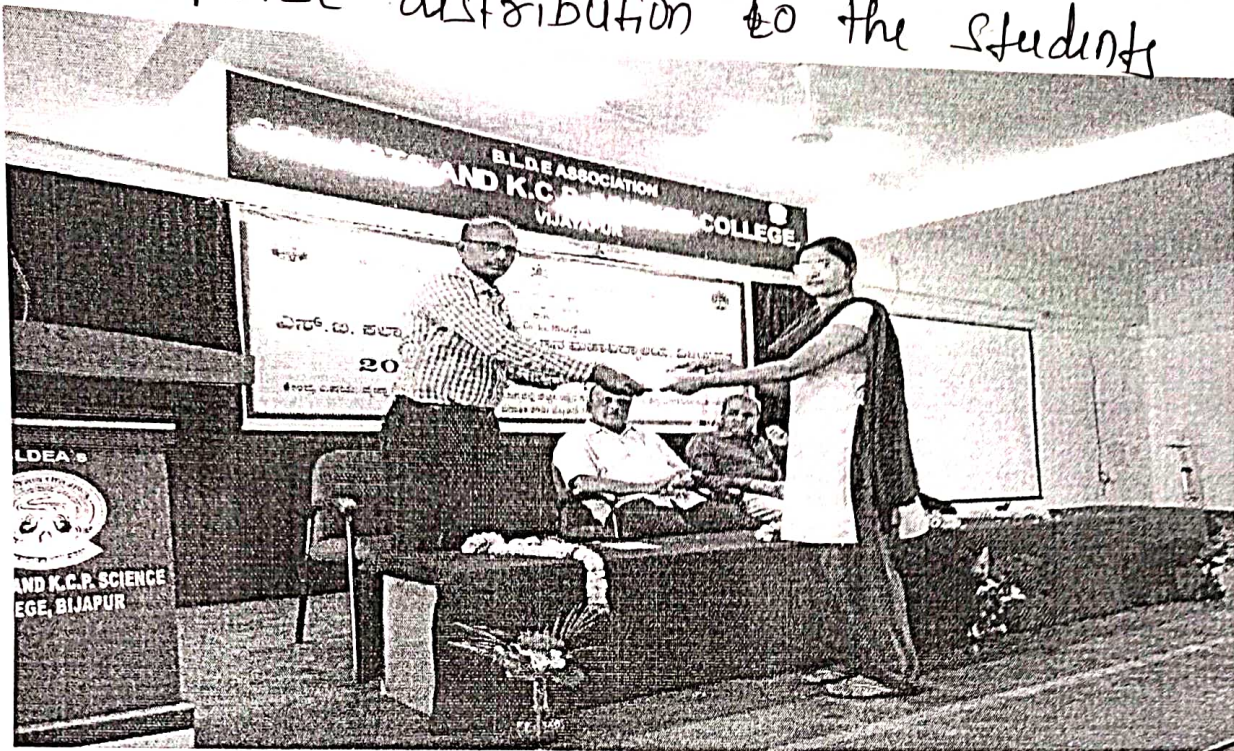
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Prize distribution to the students



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