



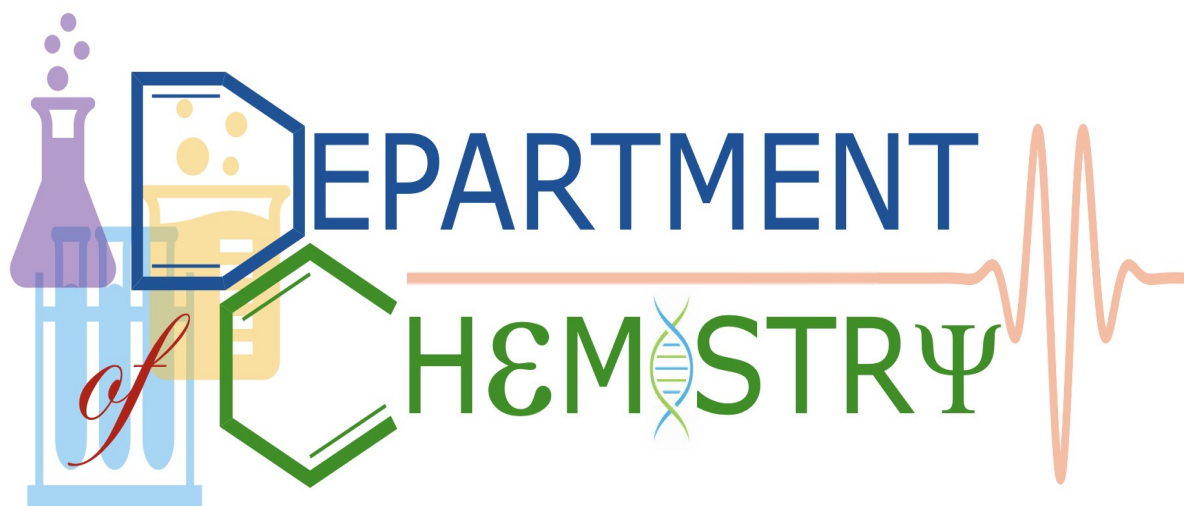
GOVERNMENT DEGREE COLLEGE
MUMMIDIVARAM

DEPARTMENT OF CHEMISTRY

QUIZ COMPETITION :: 2024-2025

I SEMESTER

I B.SC. (Chemistry, Computer Science, Botany)



TEAM – A

SI..NO.	NAME OF THE STUDENT	CLASS
1.	B.SUPRABHA	I BSc(Botany)
2.	B.SRAVANI	I BSc(Botany)
3.	G.YOGENDRA (TEAM LEADER)	I BSc(Chemistry)
4.	D.NAGA SANJAY	I BSc(Chemistry)
5.	V.MOUNIKA	I BSc(Comp.Science)
6.	U.LILLY GRACE	I BSc(Botany)

TEAM – B

SI..NO.	NAME OF THE STUDENT	CLASS
1.	T.KEERTHANA (TEAM LEADER)	I BSc(Botany)
2.	B.JAYA ANJALI DURGA	I BSc(Botany)
3.	J.INDU	I BSc(Botany)
4.	K.SAI GANGA PRAVALLIKA	I BSc(Chemistry)
5.	G.DIVYA	I BSc(Comp.Science)
6.	G.PADMA VATHI	I BSc(Botany)

TEAM – C

SI..NO.	NAME OF THE STUDENT	CLASS
1.	R.RAKSHITHA VENI	I BSc(Botany)
2.	CH.LAKSHMI KALA	I BSc(Botany)
3.	J.SIRI	I BSc(Botany)
4.	B.BHARGAVI LAKSHMI (TEAM LEADER)	I BSc(Chemistry)
5.	K.PAVANI LAKSHMI DURGA	I BSc(Comp.Science)
6.	P.VENKAT NAVEEN	I BSc(Chemistry)

TEAM – D

SI..NO.	NAME OF THE STUDENT	CLASS
1.	CH.SHALINI (TEAM LEADER)	I BSc(Botany)
2.	CH.NAVYA	I BSc(Botany)
3.	K.MOUNIKA	I BSc(Botany)
4.	J.VENKATA SURYA SATYA SUREKHA	I BSc(Comp.Science)
5.	B.MAHA LAKSHMI	I BSc(Chemistry)
6.	U.SATYA NAGA DURGA	I BSc(Botany)

TEAM – E

SI..NO.	NAME OF THE STUDENT	CLASS
1.	D.JOHN DAVID (TEAM LEADER)	I BSc(Botany)
2.	E.SINDHU	I BSc(Botany)
3.	K.SIREESHA	I BSc(Botany)
4.	G.BHAVANA VIJAYA SREE	I BSc(Chemistry)
5.	B.MURALI RAMKUMAR	I BSc(Chemistry)
6.	P.BHANU PRAKASH	I BSc(Comp.Science)

TEAM-F

SI.NO.	NAME OF THE QUIZ MASTER
1.	D. PALLAMRAJU

Date : 18.12.2024

Venue: RoomNo.2

QUESTION PAPER

COURSE - 1

INTRODUCTION TO CLASSICAL BIOLOGY

ESSENTIALS&APPLICATIONS OF MATHEMATICAL,PHYSICAL,CHEMICAL SCIENCES

- 1.No two electrons will have the same set of four quantum numbers (C)
A) Aufbau's principle B) Hund's rule C) Pauli's exclusion principle D) All
- 2.Which vitamin deficiency causes the rickets in children (D)
A) Vitamin B B) Vitamin C C) Vitamin K D) Vitamin D
- 3.Optically active polyhydroxy aldehydes or ketones are called as (B)
A) Proteins B) Carbohydrates C) Vitamins D) Lipids
- 4.The branch of chemistry which deals with carbon and its compounds is known as (C)
A) Inorganic chemistry B) Analytical chemistry C) Organic chemistry D) Biochemistry
- 5.Which of the following is not one of the 12 principles of green chemistry (D)
A) Using renewable feed stock B) Designing safer chemicals and products
C) Maximizing atom economy D) Avoiding the use of catalyst
- 6.Father of Green chemistry (B)
A) Paul Ehrlich B) Paul Anastas C) Paul David D) Wohler
- 7.Green chemistry is also called as (D)
A) Life chemistry B) Environmental chemistry C) Organic chemistry D) Sustainable chemistry
- 8.Covalent bond is formed between the atoms of (C)
A) Metals B) Metal & Non metals C) Non metals D) All

9. Forensic science is an integral part of ----- chemistry (C)

- A) Physical B) Inorganic C) Analytical D) Bio

10. Chemicals used for preventing the spoilage of food are called (B)

- A) Sweeteners B) Preservatives C) Fats D) Lipids

11. Sharing of electrons between atoms form-----bond (C)

- A) Ionic bond B) Hydrogen bond C) Covalent bond D) Vanderwaal bond

12. High boiling point of water is due to ----- (C)

- A) Chemical bonding B) Ionic bonding C) Hydrogen bonding D) All

13. The maximum number of electrons present in "n" th orbit (C)

- A) n B) n^2 C) $2n^2$ D) $n+1$

14. Carbohydrates having the following elements (C)

- A) C, H, F B) C, H C) C, H, O D) C, H, N, S

15. The substance which cannot be decomposed into simple substances by chemical changes (B)

- A) Compounds B) Elements C) Molecules D) Mixture

16. The condition in which excessive secretion of gastric HCl is called as (C)

- A) Achlorhydria B) Hyperchlorhydria C) Hypoacidity D) None

17. Which type of bond is present in Ammonium chloride? (D)

- A) Covalent bond B) Ionic bond C) Coordinate covalent bond D) All

18. Hydrogen bond is present in (A)

- A) HF B) Benzene C) Hexane D) $\text{CH}_3\text{-O-CH}_3$

19. Which one of the following is a polar compound? (B)

- A) CH_4 B) NH_3 C) C_6H_6 D) C_2H_6

20. Which of the following is Non-Polar compound? (D)

A) BF_3 B) CO_2 C) HF D) C_2H_4

21. Intra molecular hydrogen bond is present in (C)

A) P-Nitro Phenol B) P-Nitro Benzaldehyde C) O-Nitro phenol D) H_2O

22. Inter molecular hydrogen bond present in (A)

A) P-Nitro Phenol B) O-Nitro phenol C) Salicylic acid D) Salicylaldehyde

23. The element with atomic no. 21 (D)

A) Na B) K C) Ar D) Sc

24. The element with atomic no. 29 (A)

A) Cu B) Fe C) V D) Zn

25. The element with atomic no. 26 (C)

A) Na B) K C) Fe D) Cr

26. The element with atomic no. 27 (C)

A) Ni B) Fe C) Co D) Cr

27. The element with atomic no. 28 (A)

A) Ni B) K C) Co D) Ti

28. The element K belongs to which block (C)

A) P-Block B) d-Block C) s-Block D) f-Block

29. The element Ne belongs to which block (A)

A) P-Block B) d-Block C) s-Block D) f-Block

30. The element U belongs to which block (D)

A) P-Block B) d-Block C) s-Block D) f-Block

31. The element W belongs to which block (B)

A) P-Block B) d-Block C) s-Block D) f-Block

32. The element Br belongs to which block (A)

- A) P-Block B) d- Block C) S- Block D) f - Block

33. Shape of orbitals described by (B)

- A) Principal Quantum number B) Azimuthal Quantum number
C) Magnetic Quantum number D) Spin Quantum number

34. Size and Energy of orbits described by (A)

- A) Principal Quantum number B) Azimuthal Quantum number
C) Magnetic Quantum number D) Spin Quantum number

35. If $(n+l)$ value of 5P orbital (D)

- A) 5 B) 7 C) 8 D) 6

36. If $(n+l)$ value of 4f orbital (B)

- A) 4 B) 6 C) 5 D) 7

37. Which of the following vitamin is also called as Anti hemorrhagic vitamin (C)

- A) Vitamin A B) Vitamin E C) Vitamin K D) Vitamin D

38. Which of the following vitamin is also called as Sunshine vitamin (C)

- B) Vitamin A B) Vitamin C C) Vitamin D D) Vitamin B

39. Which of the following vitamin is also called as Retinol (A)

- C) Vitamin A B) Vitamin B₁ C) Vitamin K D) Vitamin B₂

40. Which of the following vitamin is also called as Beauty vitamin (B)

- D) Vitamin B₁₂ B) Vitamin E C) Vitamin B₇ D) Vitamin D

41. Which of the following vitamin is also called as Calciferol (D)

- E) Vitamin A B) Vitamin B₆ C) Vitamin C D) Vitamin D

42. Which type of bond formed between S-block and P-Block elements (A)

- A) Ionic bond B) Covalent bond C) Coordinate covalent bond D) All

43. Which type of bond formed between Alkali metals and Halogens (A)

A) Ionic bond B) Covalent bond C) Coordinate covalent bond D) All

44. Which of the following compound is an ionic compound (D)

A) B_2H_6 B) C_6H_6 C) MgO D) SiO_2

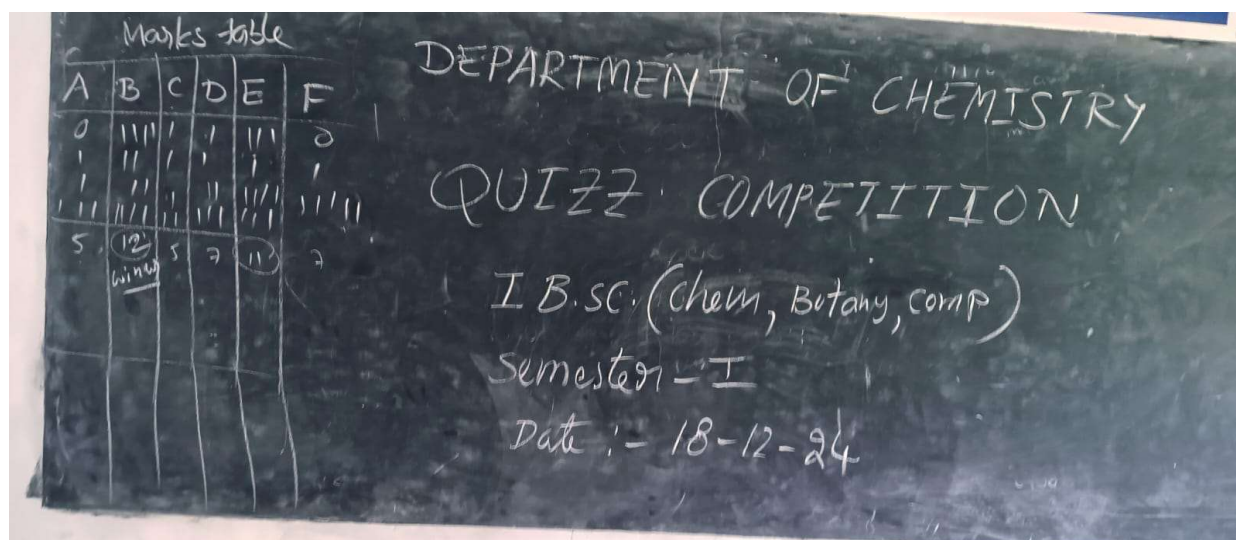
45. Which of the following compound is insoluble in water (B)

B) Na_2O B) CH_3-O-CH_3 C) MgO D) CaO

RESULT

TEAM	MARKS
A	5
B	12
C	5
D	7
E	11
F	5

WINNER : TEAM-B





Signature of the Lecturer: D.PALLAMRAJU

Head of the Department: D.PALLAM RAJU

Signature of the Principal: DR.S.PRABHAKAR