

Date: - 12/02/2020

To,
The Principal
Pravara Medical Trust's,
Arts, Commerce and Science College,
Shevgaon

Subject: - Permission for Conduct Quiz Competition...

Respected Sir,

With the above mentioned subject, Department of Chemistry plans to Conduct Quiz Competition for Graduate Students.

Therefore, we request you to please permit us organized to Said Competition.

Thanking You!



P. Patil
For Principal
Arts, Comm & Sci. College
Shevgaon, Dist Ahmednagar

PMT'S

Arts, Commerce & Science College Shevgaon
Tal- shevgaon, Dist- Ahmednagar.

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Date	/ /

Department of Chemistry.

Date = 14/02/2020

Student Notice.

All the student of Bsc are hereby informed that the Department of Chemistry of our college is organized by the Quiz competition on 28th Feb 2020 at 10:00am.

Interested students should register their name with Prof. Bedre sir by 15/02/2020 to 19/02/2020.

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Department of Chemistry
PMT'S Arts Commerce & Science
College, Shevgaon, Dist. A'Nagar

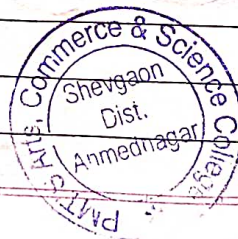


Pravara Medical Trust,
 Arts, Commerce & Science, College Shevgaon.
 Tal - shevgaon, Dist - Ahmednagar
 Department of chemistry

Quiz Competition 2019-2020
 Attendance.

Sl.No	Name of the student	class	Signature
①	Aher omkar Balasaheb	FY BSC	<u>omkar</u>
②	Aher vaishali Sudhakar	FY BSC	<u>Vaishali</u>
③	Hole Mahesh Vitthal	TY BSC	<u>Mahesh</u>
④	Dound Akshay Somnath	TY BSC	<u>Akshay</u>
⑤	Samrut Vaibhav Bhausahab	FY BSC	<u>Vaibhav</u>
⑥	Boende chaitanya Ashok	FY BSC	<u>Boende</u>
⑦	Dhole Shankar Machhindra	SY BSC	<u>Shankar</u>
⑧	Jawale Nitin Babasaheb	SY BSC	<u>Jawale</u>
⑨	Bedke Ujjwala Gangadhar	FY BSC	<u>Ujjwala</u>
⑩	Thorat Dnyaneshwari Dattatray	FY BSC	<u>Dnyaneshwari</u>
⑪	Shaikh Sajid Munna	SY BSC	<u>Sajid</u>
⑫	Dhavale Sachin Sudhakar	SY BSC	<u>Sachin</u>
⑬	Sawant Dipali Kalyan	SY BSC	<u>Dipali</u>
⑭	Sable Bholeshwar Shivnath	SY BSC	<u>Bholeshwar</u>
⑮	Khatib shohab Javed	TY BSC	<u>Shohab</u>
⑯	Pathan Javeeda Nazir Khan	SY BSC	<u>Javeeda</u>
⑰	Sa Sane Ganesh Vishnu	FY BSC	<u>Ganesh</u>
⑱	Payghan Rameshwar Balasaheb	TY BSC	<u>Rameshwar</u>
⑲	vighne shivkumar manohar	TY BSC	<u>Shivkumar</u>
⑳	Damal Abhishek Mohineeraj	TY BSC	<u>Damal</u>
㉑	Ratpure Aniket Arjunrao	TY BSC	<u>Aniket</u>

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Pravara Medical Trust's
Arts, Commerce & Science College, Shevgaon
Department of Chemistry
Quiz Competitions 2019-20

Time – 1 Hour

Marks: - 100

Instructions:

- Choose the correct answer for each question.
- Each question carries 2 marks.
- No negative marking.

Q.1) Multiple Choice Question.

1. Which molecule has the largest dipole moment?
a. HCl b. CCl₄
c. H₂S d. CO₂
2. The correct geometry around oxygen in CH₃OCH₃ is
a. Linear b. bent
c. Tetrahedral d. trigonal planar
3. What is the purest form of an iron?
a. wrought iron b. pig iron
c. nickel steel d. steel
4. What is the correct structure of IF₇?
a) Triagonal bipyramid b) Tetrahedral
c) Square pyramid d) Pentagonal bipyramid
5. Miscible mixture of benzene and chloroform can be separated by:
a. Sublimation b. Distillation
c. Filtration d. Crystallization.
6. An electrophile acts as a -----when it reacts with nucleophile.
a. Bronsted-Lowry base b. Arrhenius base

c. Lewis acid

d. Lewis base.

7. Nucleophile acts as a ----- when it reacts with electrophile.
a. Bronsted-Lowry base b. Arrhenius base
c. Lewis acid d. Lewis base.
8. Which is defined as species that accepts proton.....
a. Lewis acid b. Lewis base
c. Bronsted-Lowry acid d. Bronsted-Lowry base .
9. Which is defined as species that donate proton
a. Lewis acid b. Lewis base
c. Bronsted-Lowry acid d. Bronsted-Lowry base
10. An electrophile acts as a -----when it reacts with nucleophile
a. Bronsted-Lowry base b. Arrhenius base
c. Lewis acid d. Lewis base.
11. A nucleophile acts as a -----when it reacts with electrophile.
a. Bronsted-Lowry base b. Arrhenius base
b. Lewis acid d) Lewis base.
12. Which is defined as species that accepts proton
a. Lewis acid b. Lewis base
c) Arrhenius base d) Bronsted- Lowry base.
13.is a saturated hydrocarbon.
a. Acetylene b. propene
c. Ethane d. Ethane.
14. Incomplete combustion of a fuel gives poisonousgas.
a. Carbon dioxide b. Isocyanate
b. Carbon monoxide d. None of these

15. on heating aqueous solution of benzene diazonium chloride, which of the following is Formed?

- a. Benzene b. chlorobenzene
- c. Phenol d. aniline.

16. The most reactive amine toward dilute hydrochloric acid is

- a. CH_3NH_2 b. $(\text{CH}_3)_2\text{NH}$
- c. $(\text{CH}_3)_3\text{N}$ d. $\text{C}_6\text{H}_6\text{NH}_2$.

17. A primary alkyl halide would prefer to undergoes

- a. $\text{S}_\text{N}1$ reaction c. $\text{S}_\text{N}2$ reaction
- b. Alpha-Elimination d. Racemisation

18. On Heating ammonium dichromate the gas evolved is

- a. Oxygen c. Nitrogen
- b. Nitrous oxide d. All of the above.

19. which of the following is most stable to heat.

- a. HCL c. HOCL
- b. HBr d. HI.

20. Chemical name of washing soda is

- a. Sodium Chloride c. Sodium hydrogen Carbonate
- b. Sodium carbonate d. Sodium hydroxide.

21. which acid is present in sour milk?

- a. Citric acid c. Acetic acid
- b. Glycolic acid d. Lactic acid.

22. What is common name of Mercury sulphide?

- a. Marsh Gas c. Mohr's salt
- b. Potash Alum d. Vermilion

23. Hydrocarbon are organic compound with elements.....

- a. Both Hydrogen carbon c. Hydrogen
- b. Carbon d. Oxygen.

24. Which of the following is a classification of organic compound?

- a. alicyclic compound & acyclic compounds
- b. Compound & alicyclic compounds.
- C. Open chain compound & linear chain compound.
- d. Alicyclic compound & open chain compounds.

25. Which of the following is not a class of organic compound?

- a. Amides
- c. Electro compounds
- b. Nitro compound
- d. Carbonyl compounds.

26. Which of the following does not come under the organic addition reaction?

- a. Halogenation B) Hydro halogenation
- b. Hydration D) Dehydration.

27. Identify the simplest alkane.

- a. Methane
- c. Methane
- b. Ethane
- d. Ethane.

28. Which of the following is a saturated hydrocarbon?

- a. Ethylene
- c. Propene
- b. Ethane
- d. None of above.

29.was the first synthetic fibre created by humans.

- a. Polyester
- c. Nylon
- b. Rayon
- d. More than one of above

30. Which alkane is known as Marsh gas?

- a. Methane
- b. Propane
- c. Ethane
- d. Butane.

31. Which of the following is an aldehyde?

- a. Propanol
- b. Propane
- c. propanol
- d. Propane.

32. The chemical formula of urea is

- a. NH_4CO_2
- b. $(\text{NH}_2)\text{CO}$
- c. $(\text{NH}_4)\text{CO}$
- d. NH_2CONH_2 .

33. is a saturated hydrocarbon.

- a. Acetylene
- b. Ethane
- c. propene
- d. Ethane.

34. Incomplete combustion of a fuel gives poisonousgas.

- a. Carbon dioxide
- b. Carbon monoxide
- c. Isocyanate
- d. None of these

35. On heating aqueous solution of benzene diazonium chloride, which of the following is formed?

- a. Benzene
- b. Phenol
- c. chlorobenzene
- d. aniline.

36. The most reactive amine toward dilute hydrochloric acid is

- a. CH_3NH_2
- b. $(\text{CH}_3)_3\text{N}$
- c. $(\text{CH}_3)_2\text{NH}$
- d. $\text{C}_6\text{H}_6\text{NH}_2$.

37. A primary alkyl halide would prefer to undergo

- a. SN_1 reaction
- c. SN_2 reaction

b. Alpha-Elimination d. Racemization

38. On Heating ammonium dichromate the gas evolved is

a. Oxygen c. Nitrogen
b. Nitrous oxide d. All of the above.

39. Which of the following is most stable to heat?

a. HCL c. HOCL
b. HBr d. HI.

40. Which is defined as species that accepts proton

a. Lewis acid c. Lewis base
b. Bronsted-Lowry acid d. Bronsted-Lowry base.

41. Which is defined as species that donate proton

a. Lewis acid c. Lewis base
b. Bronsted-Lowry acid d. Bronsted-Lowry base.

42. Which of the following is most acidic?

a. Ethane b. Ethene
c. Ethyne d. Ammonia.

43. Phthalimide is acidic.....

a. conjugate base is stabilized by resonance
b. lone pairs of electrons available for donation
c. Conjugate acid is stabilized by Resonance
d. it has + R effect

44. Which of the following is most acidic?

- a. ethane c. ethene
b. Ethyne d. ammonia.

45. Which acid below is the strongest?

- a. Butanoic acid b. 2-chloro
C. butanoic acid d. 4-chloro butanoic acid.

46. Which acid exhibits lowest value for its pKa?

- a. acetic acid c. 2-chloro butanoic acid
b. 3-chloro butanoic acid d. tri-chloro acetic acid.

47. Which of the following is weakest base?

- a. Methyl amine b. aniline
c. piperidine d. ammonia.

48. According to Lowry-Bronsted concept acids are.....


- a. Proton acceptor c. Proton donor
b. C) Electron pair acceptor d. Electron pair don.

49. Which molecule has the largest dipole moment?


- a. HCl b. CCl₄
c. H₂S d. CO₂

50. The correct geometry around oxygen in CH₃OCH₃ is

- a. Linear b. bent
c. Tetrahedral d. trigonal planar


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Pravara Medical Trust's
Arts, Commerce & Science College Shergaon
Tal. Shergaon, Dist. Ahmednagar, Maharashtra
Department of Chemistry
Organized

Quiz Competition 2019-20
Report

Date - 28th Feb 2020

Organized by:- Department of Chemistry.

Participants:- Graduate students of Chemistry

Objective:- To provide students information about the quiz competition objective for understanding the through this competition, students have received a new platform to showcase their knowledge & their reading skill have improved.

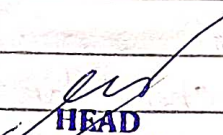
Pravara Medical Trust's, Arts, Commerce & Science College Shergaon, Department of Chemistry organized Quiz Competition for students. This competition was organized on 28th Feb. 2020 at 10 am in the chemistry department. The purpose of organizing this competition is to make students know more about chemistry this competition, helpful for more information.

The organizer of this competition was Prof. Bedte V. Head of Department. The competition was kept on 30 marks in MCQ pattern. 21 students participated in this competition.

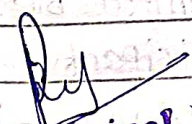
In this competition Kumari Pathan Javeriya Najirkhan (T.Y.B.Sc) got first rank, Kumar Payghan Rameshwar (T.Y.B.Sc) got second rank & Hole Mahesh Vitthal (T.Y.B.Sc) got third rank.

∴ Certificate distribution of this competition was 2 March 2020 by principal Dr. Ankar Rasal in Chemistry department.

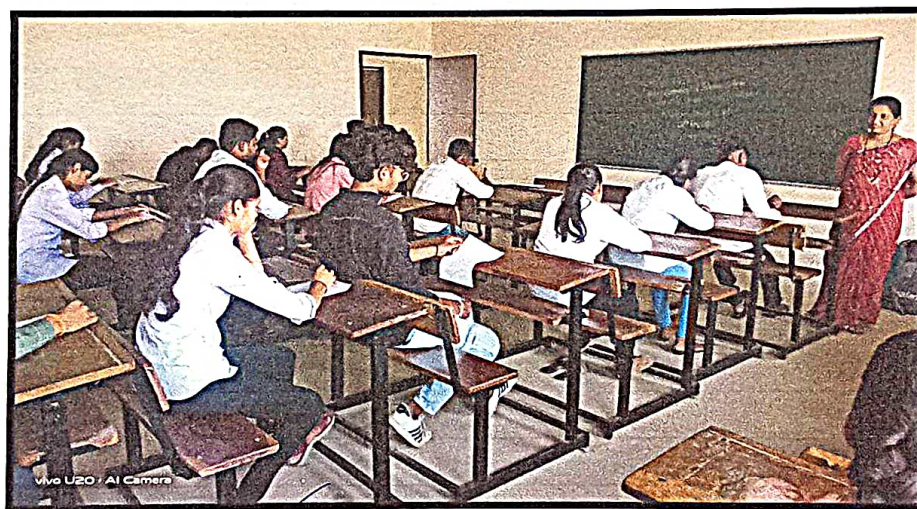
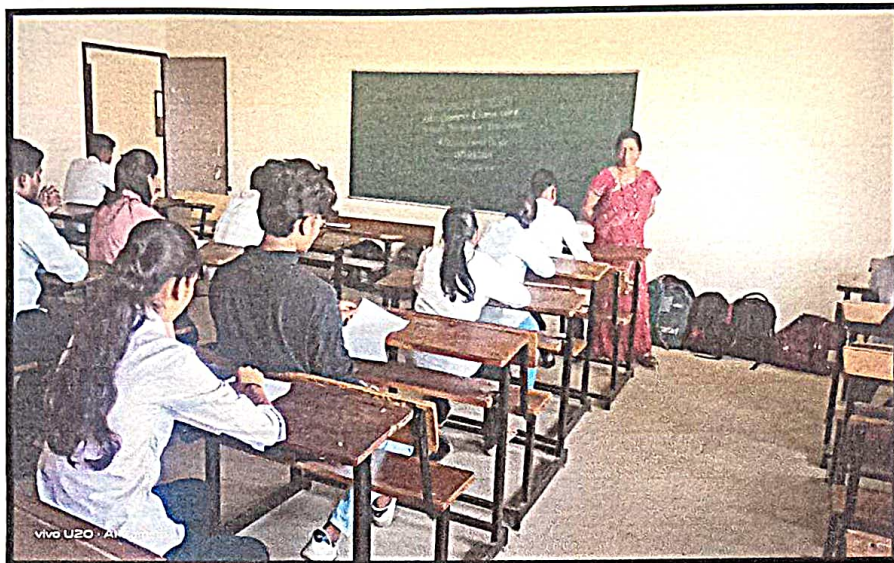
Through this competition the students
got a new platform to show their knowledge
of children developed interests in reading.


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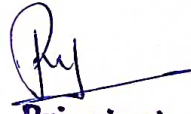

Principal
Arts, Comm. & Sci College
Shevgaon, Dist. Ahmednagar

Pravara Medical Trust's
Arts, Commerce and Science College, Shevgaon.
Tal – Shevgaon, Dist – Ahmednagar 414502
Graduate Department of Chemistry
Quiz Competition
2019-20
Photo



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Shevgaon, Dist. Ahmednagar



Pravara Medical Trust's,

Arts, Commerce and Science College Shevgaon

Ayurved College Campus, Tal- Shevgaon, Dist- Ahmednagar.

Department of Chemistry

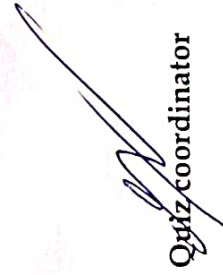


Organized
"Quiz Competition"

2020

CERTIFICATE

This is to certify that Mr./Miss./Mrs. _____
Student of _____ has participated in "Quiz Competition"
Conducted by Department of Chemistry in occasions of National Science day
28th February 2020 with _____ Grade.


Quiz coordinator


Head of Department


Principal

