

# Yashwantrao Chavan College of Science, Karad

## ONE PAGE REPORT

Name of the Department: <b>Mathematics</b>	Date:20/12/2025
Name of the Activity	Quiz Competition under National Mathematics Day
Purpose of Program	To enhancing participant's knowledge, foster critical thinking and encourage a healthy competitive sprit.
No. of Students Participated	57
No. of Teachers Participated	06
Program outcomes	These event foster peer learning, increase awareness of current affairs.This event improves academic performance through engaging, interactive and often rewarding experiences.

### Program Photo



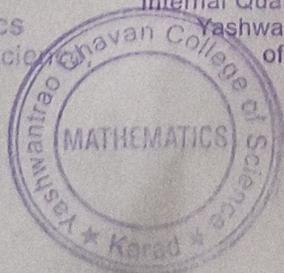
*Ajmer*  
HOD &  
Organizer  
HEAD

*Zammy*  
IQAC  
Co-ordinator  
Co-ordinator,

*[Signature]*  
Principal  
Principal

Yashwantrao Chavan College  
of Science, Karad

Department of Mathematics  
Yashwantrao Chavan College of Science  
Karad



Internal Quality Assurance Cell (IQAC),  
Yashwantrao Chavan College  
of Science, Karad

**YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD**  
**Department of Mathematics**  
**National Mathematics Day**  
**Attendance**

**Topic: Quiz Competition**

**Date: 20<sup>th</sup> Dec. 2025.**

Sr.No	Name of the Student	Class	Sign
1.	Karan Kailas Kodam	B.Sc-II	<u>Kulk</u>
2.	Sathe Hemlata Dattaprasad	B.Sc-I	<u>H.D.Sathe</u>
3.	Jadhav Sanika Suryakant	B.Sc-I	<u>S.S.Jadhav</u>
4.	Sakshi Vijay Mohite	B.Sc-I	<u>S.Mohite</u>
5.	Ambika Pundalik Mandavali	BCS-I	<u>APM</u>
6.	Janhavi Sanjay Wagh	BSc III	<u>JWagh</u>
7.	Vaishnavi Mañuti Yadav	BSc III	<u>V.Yadav</u>
8.	Guzav Dhanashree Vasant	BSc-III	<u>D.Guzav</u>
9.	Kumbhar Akanksha Adhik	BSc-III	<u>A.Kumbhar</u>
10.	Shrutika Balasaheb Thorat	BSc(ES) II	<u>Shrutika</u>
11.	Shraddha Dhanaji Gaikwad	BCS II	<u>S.Gaikwad</u>
12.	Mandave Shivani Ashok	BCS II	<u>S.Mandave</u>
13.	Sejal Pravin Tate	BSc(US) II	<u>S.Tate</u>
14.	Afroj Raju Attar	BCS(ES) I	<u>A.Attar</u>
15.	Shruti Ranjeet Waske	BCS-I	<u>S.Waske</u>
16.	Mulla Akhya Arif	BSc II	<u>A.Mulla</u>
17.	Devki Gorakh Mandave	BSc. D	<u>D.Mandave</u>
18.	Asmita Parangadkar	B.Sc.II	<u>A.Parangadkar</u>
19.	Vaishnavi Vijay Karale	B.Sc.-ES-II	<u>V.V.Karale</u>
20.	Thorat Priti Pandurang	M.Sc-II	<u>P.Thorat</u>
21.	Pandit Sanika Sachin	M.Sc II	<u>S.Pandit</u>
22.	Deshmukh Tilottama Sanjay	M.Sc. II	<u>T.Deshmukh</u>
23.	Thorat Sanjivani Santaji	M.Sc - II	<u>S.Thorat</u>

24.	Danane Sonali Dattatray	M.Sc-II	<del>Danali</del>
25.	Solvande Disha kumar	M.Sc-II	<del>Solvande</del>
26.	Gholap Sanika Tanaji	M.Sc-II	Gholap
27.	Gurav Pooja Anandrao	M.Sc-II	Pooja
28.	Kanase sanika prakash	M.Sc-II	<del>Kanase</del>
29.	Nisha Bho Hanmant Bhoite	M.Sc-II	<del>Nishoite</del>
30.	Ratna Anil Teradkar	M.Sc-II	Ratna
31.	Bhalchandra Ganesh pawar	B.Sc-III	<del>Bhal</del>
32.	Devkar Yugantar Satyawam	B.Sc-III	<del>Yugantar</del>
33.	Moholkore Anagha Anil	B.Sc-III	Anagha
34.	Qureshi Alam Imtiyaz	B.Sc-III	Qureshi
35.	Inamdar Juveriya Bandenawaz	B.S.C-III	<del>Inamdar</del>
36.	Jadhav Karishma Ashok	B.S.C-III	<del>Jadhav</del>
37.	Raskar Rutuja Ramchandra	B.Sc-II	Raskar
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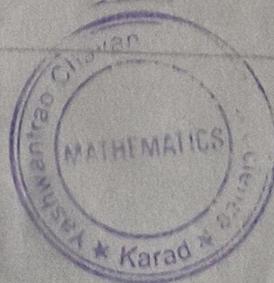


**YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD**  
**Department of Mathematics**  
**National Mathematics Day**  
**Attendance**

**Topic: Quiz Competition (Rapid fire)**

**Date: 20<sup>th</sup> Dec. 2025.**

Sr. No.	Name of the Student	Sign
A1	Hemlata Dattaprasad Sathe.	H.D. Sathe.
	Anushree Eknath Kakade	<del>Anushree</del>
A2	Vaishnavi Mañuti Yadav	V. Yadav
	Pratiksha Sagar Jadhav	P. Jadhav
A3	Thorat Priti Pandurang	<del>Thorat</del>
	Jiya Samir Pate	J. Pate
A4	Muskan mohammad sami Khan	<del>M. Khan</del>
	Asmita Vidyadhar Parangadkar	A. Parangadkar
A5	Namrata Vasant Rao Shinde.	N. Shinde
	sanjivani Santaji Thorat	<del>S. Thorat</del>
A6	Sanika Tanaji Gholap.	S. Gholap
	Radhika santosh Garud	R. Garud
A7	Tate Sejal Pravin.	T. Pravin
	Sanavi Nilesh Patil	S. Patil
A8	Anuja Rajendra Pawar	A. Pawar
	Mandave Shivani Ashok.	M. Ashok
A9	Divyakshi Vijay Shejwal	D. Shejwal
	Deshmukh Tilottama Sanjay	T. S. Deshmukh
A10	Qureshi Alam Imtiaz	Qureshi
	Pooja Revansiddh Lonar.	P. Lonar



# Yashwantrao Chavan College of Science Karad

## Department Of Mathematics

QUIZ COMPETITION (National Mathematics Day)

### FEEDBACK FORM

Name of Student: - Raskar Rutuj Ramchandra

Class: - BSC - II Mobile No. 9881949211

Please "  " the option you find most suitable.

Sr.No.	Particulars	Extremely good	Good	Poor
1	How was the overall organization of the Quiz?	<input checked="" type="checkbox"/>		
2	How helpful was this Quiz in terms of knowledge and information?		<input checked="" type="checkbox"/>	
3	Overall effectiveness of the Quiz.	<input checked="" type="checkbox"/>		



Rutuj  
Signature of Student

# Yashwantrao Chavan College of Science Karad

## Departement Of Mathematics

QUIZ COMPETITION(National Mathematics Day)

### FEEDBACK FORM

Name of Student: - Gurav Pooja Anandmao.....

Class: - Msc-II (Analyticalchem) Mobile No.....724919800

Please "  "the option you find most suitable.

Sr.No.	Particulars	Extremely good	Good	Poor
1	How was the overall organization of the Quiz?	<input checked="" type="checkbox"/>		
2	How helpful was this Quiz in terms of knowledge and information?	<input checked="" type="checkbox"/>		
3	Overall effectiveness of the Quiz.	<input checked="" type="checkbox"/>		



*P. Anandmao*

Signature of Student

# Yashwantrao Chavan College of Science Karad

## Departement Of Mathematics

QUIZ COMPETITION(National Mathematics Day)

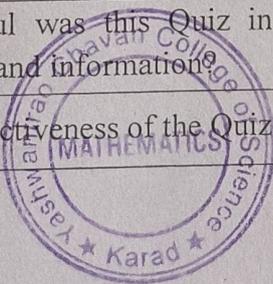
### FEEDBACK FORM

Name of Student: - Yeradkar Ratna Anil.....

Class: - M.Sc-II(Organic Chemistry) Mobile No. 7620651766

Please " ✓ " the option you find most suitable.

Sr.No.	Particulars	Extremely good	Good	Poor
1	How was the overall organization of the Quiz?		✓	
2	How helpful was this Quiz in terms of knowledge and information?	✓		
3	Overall effectiveness of the Quiz.		✓	



Ratna  
Signature of Student

# Yashwantrao Chavan College of Science Karad

## Departement Of Mathematics

QUIZ COMPETITION(National Mathematics Day)

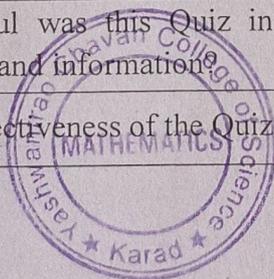
### FEEDBACK FORM

Name of Student: - Veradkar Ratna Anil.....

Class: - M.Sc-II(Organic Chemistry) Mobile No.. 7620651766

Please " ✓ "the option you find most suitable.

Sr.No.	Particulars	Extremely good	Good	Poor
1	How was the overall organization of the Quiz?		✓	
2	How helpful was this Quiz in terms of knowledge and information?	✓		
3	Overall effectiveness of the Quiz.		✓	



Patna  
Signature of Student

# Yashwantrao Chavan College of Science Karad

## Department Of Mathematics

QUIZ COMPETITION(National Mathematics Day)

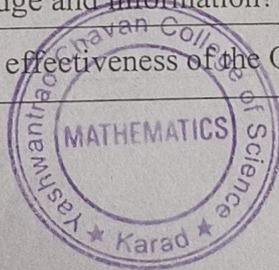
### FEEDBACK FORM

Name of Student: - Gholap Sanika Tanaji

Class: - MSc. II (Analytical chem.) Mobile No. 9529619793

Please " ✓ " the option you find most suitable.

Sr.No.	Particulars	Extremely good	Good	Poor
1	How was the overall organization of the Quiz?	✓		
2	How helpful was this Quiz in terms of knowledge and information?	✓		
3	Overall effectiveness of the Quiz.	✓		



Gholap

Signature of Student

# Yashwantrao Chavan College of Science Karad

## Departement Of Mathematics

QUIZ COMPETITION(National Mathematics Day)

### FEEDBACK FORM

Name of Student: - Divyakshi vijay shejwal

Class: - 11th Mobile No: 721852577 7218582577

Please "  " the option you find most suitable.

Sr.No.	Particulars	Extremely good	Good	Poor
1	How was the overall organization of the Quiz?	<input checked="" type="checkbox"/>		
2	How helpful was this Quiz in terms of knowledge and information?		<input checked="" type="checkbox"/>	
3	Overall effectiveness of the Quiz.	<input checked="" type="checkbox"/>		



Shejwal  
Signature of Student

**Yashwantrao Chavan College of Science, Karad**  
**Department Of Mathematics**

**Quiz Competition (National Mathematics day)**

Name-  
 Class-  
 Marks- 30

Date- 20<sup>th</sup> Dec 2025  
 Mobile No.  
 Time -30 Min

**Instructions: All Questions are compulsory.**

**Q1. Find the next number in the series: 2, 7, 28, 63, 126 ?**

- a) 210                      b) 217                      c) 215                      d) 252

**Q2. Find the missing number: 24, 32, 38, 62, 74 ?**

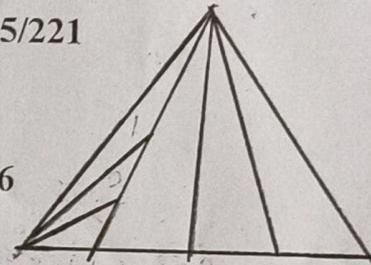
- a) 95                      b) 88                      c) 102                      d) 160

**Q3. Find the next term in the series:  $3/8, 5/23, 7/46, 11/117, ?, 17/283$**

- a)  $13/165$                       b)  $15/220$                       c)  $13/164$                       d)  $15/221$

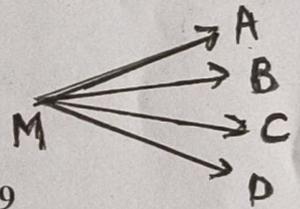
**Q4. How many triangles are there in the given figure?**

- a) 12                      b) 15                      c) 13                      d) 16



**Q5. How many angles are formed in the given figure?**

- a) 3                      b) 4                      c) 5                      d) 6



**Q6. Complete the analogy:  $213 : ? :: 524 : 5464$**

- a) 2127                      b) 2109                      c) 2227                      d) 2249

**Q7. Simplify:  $(360 - 15^2) * 6 - 210 = ? * 12$ .**

- a) 100                      b) 50                      c) 80                      d) 20

**Q8. Simplify:  $(45 * 8) - 16\% \text{ of } 2000 = ? - 260$**

- a) 100                      b) 250                      c) 400                      d) 300

**Q9. Simplify:  $5^7 = 25^{4.9} \div 5^{3.08} \div 125 \times (625)^{0.5}$**

- a) 5                      b) 1                      c) 7                      d) 6

**Q10. Simplify:  $9.89\% \text{ of } 650.11 + 32.1 \times 2799 \div 399.8 - ? = 155$**

- a) 134                      b) 117                      c) 142                      d) 151

**Q11. Simplify:  $49^{7.5} \div 49^{3/2} \times 49^{-3} = (\sqrt[3]{49})^x$**

- a) 12                      b) 6                      c) 3                      d) 9

**Q12. If the ratio of two numbers is 3 : 5 and their sum is 64, what is the larger number?**

- a) 24                      b) 32                      c) 40                      d) 48

**Q13. A train travels 360 km at a speed of 60 km/hr. How much time does it take?**

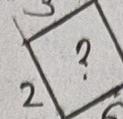
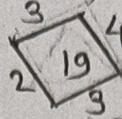
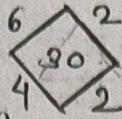
- a) 5 hr                      b) 6 hr                      c) 7 hr                      d) 8 hr

**Q14. The simple interest on a sum for 2 years at 5% per annum is ₹500. What is the principal?**



- a) ₹4000      b) ₹4500      c) ₹5000      d) ₹5500

Q15. What is the ? value



- a) 64      b) 20      c) 25      d) 82

Q16. Find the missing number in the matrix:

23	2	7
5	?	19
17	13	3

- a) 11      b) 9      c) 25      d) 26

Q17. Find the missing number in the matrix:

5	7	24
3	4	14
4	9	?

- a) 65      b) 100      c) 62      d) 169

Q18. If  $m = \frac{(3^5)^2 \cdot 2^5}{12 \cdot 81 \cdot 3^3}$  and  $n = \frac{(2^{-4})^2 \cdot 2^{-5}}{4^{-3}}$  then find the value of  $\sqrt{mn}$  is

- a)  $3/4$       b)  $4/3$       c)  $2/3$       d)  $3/2$

Q19. Find the number of zeros in  $10 \times 20 \times 30 \times \dots \times 1000$ .

- a) 100      b) 124      c) 120      d) 150

Q20. Find the simple interest on ₹2000 at 5% per annum for 3 years.

- a) ₹250      b) ₹300      c) ₹350      d) ₹400

Q21. The ratios of ages of A and B is 4 : 5. If B is 25 years old, find A's age.

- a) 18 years      b) 20 years      c) 22 years      d) 24 years

Q22. A man buys an article for ₹800 and sells it for ₹920. Find the profit percent.

- a) 10%      b) 20%      c) 15%      d) 12%

Q23. If the perimeter of a circle is 12.56 cm, find its radius.

- a) 5 cm      b) 6 cm      c) 2 cm      d) 9 cm

Q24. The perimeter of square is 48cm. Its area is

- a)  $144 \text{ cm}^2$       b)  $156 \text{ cm}^2$       c)  $160 \text{ cm}^2$       d)  $168 \text{ cm}^2$

Q25. The smallest number which divided by 8, 12 and 16 leaves remainder 3 is

- a) 51      b) 99      c) 147      d) 195

Q26. If today is Thursday what day will it be after 100 days?

- a) Friday      b) Saturday      c) Sunday      d) Monday

Q27. How can you write down eight eights so that they add upto one thousand?

Q28. In an examination, 41% of students failed in Economics, 35% failed in Geography, and 39% failed in History. It is also given that 14% of students failed in both Economics and Geography, 21% failed in both Geography and History, 18% failed in both History and Economics, and 5% failed in all the three subjects. Find the percentage of students who failed in only Economics.

- a) 16%      b) 14%      c) 12%      d) 10%

Q29.  $1^2 - 2^2 + 3^2 - 4^2 + \dots + (2009)^2 - (2010)^2$  is equal to

- a) 0      b) -2021055      c) -2019045      d) -1010555

Q30. The last two digits of  $17^{400}$  are

- a) 17      b) 09      c) 01      d) 89

