

SHRI VIJAYSINHA YADAV COLLEGE, PETHVADGAON  
Department of Mathematics  
2020-2021

Name of Activity : Online National Level Quiz on pure and applied Mathematics


Date and Time of Activity: June 20<sup>20</sup>,  
8<sup>th</sup>

Target Group: All the students and Faculty of India

Name of Organizer: Department of Mathematics

Name of Resource Persons: ...

In the month of June, Department of Mathematics took National level Quiz on Pure and applied Mathematics through Google form. The response was very good. 347 students and faculties from India were appeared for online quiz. Questions were on the syllabus of 11<sup>th</sup> Science to B.Sc. III. The spread sheet of scored is kept for record.

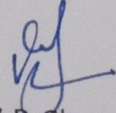
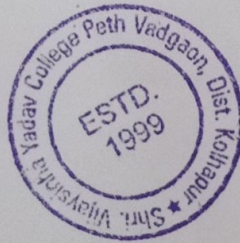


Mr. D.B. Patil

Head of Department

**Head**

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Dr. V.R. Chavan

**Principal**

Shri. Vijaysinha Yadav College  
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# Dept of Mathematics

Questions

Responses **346**

Total points: 40

## 346 responses



Accepting responses

Summary

Question

Individual

### Insights

**Average**  
23.46/40 points

**Median**  
26/40 points

**Range**  
2-40 points

#### Total points distribution

40



## Dept of Mathematics Response

## Form responses 1

	A	B	
1	Timestamp	Email address	Score
2	07/06/2020 19:34:58	patildb1819@gmail.com	
3	07/06/2020 19:53:23	patildb1819@gmail.com	
4	08/06/2020 10:12:37	patildb1819@gmail.com	
5	08/06/2020 11:11:02	patildb1819@gmail.com	
6	08/06/2020 11:37:04	patildb1819@gmail.com	
7	08/06/2020 11:43:06	patildb1819@gmail.com	
8	08/06/2020 12:27:33	patildb_1819@yahoo.cir	
9	08/06/2020 12:35:48	ajinkyakumbhar15@gma	
10	08/06/2020 12:57:25	anjurmali2207@gmail.co	
11	08/06/2020 13:05:29	mbpawar9388@gmail.co	
12	08/06/2020 13:07:04	asawaripatil09@gmail.cc	
13	08/06/2020 13:07:31	Vinayac3101@gmail.com	
14	08/06/2020 13:10:33	vijayjpatil97@gmail.com	
15	08/06/2020 13:13:06	shaiba5@ymail.com	
16	08/06/2020 13:13:25	rajkumarmahimkar@gma	
17	08/06/2020 13:16:26	sameermulla9766@gmai	
18	08/06/2020 13:19:10	prasadbathe@gmail.com	
19	08/06/2020 13:20:26	shivanikumbhar07@gma	
20	08/06/2020 13:22:03	vspatil794@gmail.com	
21	08/06/2020 13:28:39	truptijadhav2024@gmail.	
22	08/06/2020 13:31:45	swapnagandhapatil28@g	
23	08/06/2020 13:32:17	rohitjangam309@gmail.c	
24	08/06/2020 13:32:19	vrushabhsarkar6737@gn	
25	08/06/2020 13:32:25	prabhakarpatilmath@	
26	08/06/2020 13:34:26	swapnaliparit374@gi	
27	08/06/2020 13:34:47	namratapatil1123@gma	

187 09/06/2020 16:12:40 21felistaa@gmail.com 32 / 40 R. FEL  
188 09/06/2020 16:13:48 prathvias39@gmail.com 34 / 40 Miss.  
189 09/06/2020 16:13:56 surajverma369@gmail.com 4 / 40 S  
190 09/06/2020 16:17:13 allumicky7@gmail.com 10 / 40 ANNE  
191 09/06/2020 16:24:41 pinkygidwani190@gmail.com 4 / 40 Asst.  
192 09/06/2020 16:27:45 anneshdas420@gmail.com 38 / 40 ANNE  
193 09/06/2020 16:28:15 bharathydev1999@gmail.com 40 / 40 BHAR  
194 09/06/2020 16:32:07 nandhinipalanichamy4@gmail.com 40 / 40 R. Nar  
195 09/06/2020 16:34:22 dilipvasava4meet@gmail.com 40 / 40 Dilipb  
196 09/06/2020 16:37:14 rathikumar2011@gmail.com 14 / 40 M.VIJ  
197 09/06/2020 16:38:03 angelniharikadixit2000@gmail.com 40 / 40 Nihari  
198 09/06/2020 16:39:41 afafkhanam@gmail.com 32 / 40 AFAF  
199 09/06/2020 16:43:12 tusharpandit31@gmail.com 26 / 40 Pandi  
200 09/06/2020 16:43:32 riteshkandarics@gmail.com 28 / 40 RITES  
201 09/06/2020 16:43:47 prakashp683@gmail.com 10 / 40 RAM I  
202 09/06/2020 16:49:49 mdatiqurrahman998@gmail.com 10 / 40 ATIQL  
203 09/06/2020 16:54:57 hidhanaa@gmail.com 14 / 40 DHAN  
204 09/06/2020 16:56:30 rachnakathiriya151215@gmail.com 26 / 40 Rasar  
205 09/06/2020 17:05:30 snehsudhahage@gmail.com 28 / 40 Snehs  
206 09/06/2020 17:06:57 joshi.nikhil.m@gmail.com 32 / 40 NIKHI  
207 09/06/2020 17:07:04 shwetakaushik10@gmail.com 32 / 40 Shwe  
208 09/06/2020 17:10:25 bismillahkhan85@gmail.com 30 / 40 Mr. S.  
209 09/06/2020 17:15:29 pdpatel.mca@gmail.com 18 / 40 Patel  
210 09/06/2020 17:27:41 raymale2v2010@gmail.com 12 / 40 RAYM  
211 09/06/2020 17:33:05 sunita1987@gmail.com 26 / 40 Sunita  
212 09/06/2020 17:34:11 sahoobidwanranjan02@gmail.com 40 / 40 BIDW.  
213 09/06/2020 17:40:11 vidyachougule10@gmail.com 36 / 40 Vidya  
214 09/06/2020 17:41:14 aaradhyasanthoshmincy@gmail.com 40 / 40 AARA  
215 09/06/2020 17:45:54 gourimore119@gmail.com 34 / 40 More  
216 09/06/2020 17:51:24 vanitanayak2009@gmail.com 32 / 40 Mrs.V  
217 09/06/2020 17:52:23 akm.jrf@gmail.com 18 / 40 ASHIS  
218 09/06/2020 17:57:26 rajithaselvam0323@gmail.com 12 / 40 RAJIT  
219 09/06/2020 18:01:04 jadhavdipalee24@gmail.com 32 / 40 Miss.I  
220 09/06/2020 18:02:33 madhuripatil4246@gmail.com 32 / 40 Madh  
221 09/06/2020 18:03:55 pvaishali1005@gmail.com 26 / 40 Vaish  
222 09/06/2020 18:05:41 sarvadnyabhosale@gmail.com 12 / 40 Sarva  
223 09/06/2020 18:07:12 suma\_shivasrc@yahoo.com 34 / 40 Dr.A.S

Shri. Vijaysinha Yadav Arts and Science College, PethVadgaon.

Department of Mathematics

Quiz

1) ..... is referred as ' Human Computer ' ?

- a) Ramanujan
- b) Aryabhat
- c) Euler
- d) Shakuntala Devi

Ans- **d) Shakuntala Devi**

2) ..... is referred as ' Mathematicians Mathematician ' ?

- a) Ramanujan
- b) Aryabhat
- c) Euler
- d) Shakuntala Devi

Ans- **a) Ramanujan**

3) The equation  $8x^2 + 1 = y^2$  is known as ..... equation.

- a) Ramanujan's
- b) Bhaskara's
- c) Kaparekar's
- d) Pell's

Ans- **d) Pell's**

4) Binary representation of 1729 is.....

- a)11011000001
- b) 11011100001
- c) 10110100011
- d) none

Ans- **a)11011000001**

5) Termry representation of 1729 is.....

- a) 2101001
- b) 2011001
- c) 2111001
- d) 2111110

Ans- **a) 2101001**

6) The number ..... is Kaparekar number.

- a) 4716
- b) 7164
- c) 1647
- d) 6174

Ans- **d) 6174**

7) The most beautiful formula in mathematics is.....

- a)  $\cos \theta + i \sin \theta = e^{i\theta}$
- b)  $\sin^2 \theta + \cos^2 \theta = 1$
- c)  $e^{i\pi} + 1 = 0$
- d)  $(\cos \theta + i \sin \theta)^n = \cos n\theta + i \sin n\theta$

Ans- **c)  $e^{i\pi} + 1 = 0$**

8) ..... has first derived famous formula to solve quadratic equation ?

- a) Ramanujan
- b) Bramhgupta
- c) Aryabhat
- d) Kaparekar

Ans- **b) Bramhgupta**

9)  $\int_{-1}^1 \frac{1}{x^2} dx = \dots\dots\dots$

- a) 2
- b) -2
- c) 1
- d) does not exist

Ans- **d) does not exist**

10) ..... has written ' Ganit Saar Sangraha ' ?

- a) Mahaveer
- b) Bramhgupta
- c) Bhaskara-I
- d) Bhaskara-II

Ans- **a) Mahaveer**

11) The first women who achieved the Fields medal of mathematics ?

- a) Maryam Mirzakhani
- b) Shakuntala Devi
- c) Mary Cartwright
- d) Shafi Goldwasser

Ans- **a) Maryam Mirzakhani**

12) For which value of \* the statement  $\left(\frac{*}{15}\right)\left(\frac{*}{135}\right) = 1$

- a) 15
- b) 25
- c) 35
- d) 45

Ans- **d) 45**

13) Which of the following natural number is Perfect ?

- a) 4
- b) 9
- c) 20
- d) 28

Ans- **d) 28**

14) Who is the father of mathematics and music ?

- a) Pythagoras
- b) Einstein
- c) Edison
- d) Aryabhat

Ans- **a) Pythagoras**

15) When Pi Day is celebrated around the world?

- a) 14 Feb
- b) 14 March
- c) 14 April
- d) 15 March

Ans- **b) 14 March**

16) If  $z$  is any complex number then the value of  $\frac{z}{0}$  is.....

- a) 0
- b)  $\infty$
- c)  $-\infty$
- d) none of these

Ans- **b)  $\infty$**

17) In a code language the word 'CHENAI' is coded as 49615210, then what is the code for the word 'SANGLI' ?

- a) 2021581310
- b) 202147129
- c) 201158139
- d) 202148128

Ans- **a) 2021581310**

18) Which of the following will complete the series ? EG, IK, NP,.....,AC

- a) RT
- b) TV
- c) SU
- d) SV

Ans- **c) SU**

19) Name the scientist who was born on Pi Day ?

- a) Diophantus
- b) Archimedes
- c) Einstein
- d) Euclid

Ans- **c) Einstein**

20) What concept was developed by ancient Hindu mathematicians ?

- a) zero
- b) conic section
- c) decimal point
- d) Pythagorean theorem

Ans- **a) zero**