

MAY 12- Celebrating Women in Mathematics - QUIZ

Conducted by the Department of Mathematics

* Required

1. Email address *

2. Name *

3. Department *

4. Institution *

Quiz

Answer all questions. e-certificates will be issued to those who have scored above 80%. The quiz will be over by midnight of May 12, 2020. All the best.

5. Famously known as Emmy she was considered to be one of the most important women in the history of mathematics according to Einstein. Who is being referred here? *

Mark only one oval.

- ☐ Julia Robinson
- ☐ Amalie Noether
- ☐ Marjorie Browne
- ☐ Dame Mary Cartwright

6. Indian Women and Mathematics (IWM) is a collective of Indian Mathematicians that has been in existence since *

Mark only one oval.

- ☐ 2010
- ☐ 2009
- ☐ 2007
- ☐ 2014

7. Name the Woman Mathematician who invented Hydrometer? *

Mark only one oval.

- ☐ Marie Sophie German
- ☐ Grace Chisholm Young
- ☐ Amalie Emmy Noether
- ☐ Hypatia of Alexandria

8. Who won the Shanti Swarup Bhatnagar Award (2019) in the category of Mathematical Sciences, the highest honour in India in the field of Science and Technology *

Mark only one oval.

- ☐ Sujatha Ramdorai
- ☐ Raman Parimala
- ☐ Neena Gupta
- ☐ Mangala Narlikar

9. Name the first Indian Woman Mathematician who was elected as a Fellow of the Royal Society *

Mark only one oval.

- ☐ Radha Kessar
- ☐ Gagandeep Kang
- ☐ Ushadevi Bhosle
- ☐ Indulatha Sukla

10. Though not generally recognized for my accomplishments in mathematics, I developed the polar area diagram and was an innovator in the collection and display of statistics. I was born in early 1800s, and spent much of life working to reform the British health care system. Who am I? *

Mark only one oval.

- ☐ Mary Everest Boole
- ☐ Ada Byron King
- ☐ Florence Nightingale
- ☐ Amalie Emmy Noether

11. I am a French woman famous for my translation of Sir Isaac Newton's "Principia Mathematica". My knowledge of mathematics was such that students came to study with me - a rare occurrence in a time when women were not considered well educated, much less teachers. Who am I? *

Mark only one oval.

- ☐ Marie Antionette
- ☐ Marie-Louise Dubreil-Jacotin
- ☐ Yvonne Choquet-Bruhat
- ☐ Emilie du Chatelete

12. First woman Mathematician to win Able's Prize *

Mark only one oval.

- ☐ Cathleen Synge Morawetz
- ☐ Rebecca Freja Goldin
- ☐ Karen Uhlenbeck
- ☐ Alison Beth Millertion

13. Which Indian woman mathematician is also known as the "Human Computer"? *

Mark only one oval.

- ☐ Anchal Agarwal
- ☐ Neena Gupta
- ☐ Shakuntala Devi
- ☐ Mariam Mirzakhani

14. Name the woman Mathematician from India who was given the Srinivasa Ramanuja Birth Centenary Award in 2003 *

Mark only one oval.

- ☐ Shakuntala Devi
- ☐ Kanakalata
- ☐ Raman Parimala
- ☐ Anchal Agarwal

15. The first and only woman mathematician to win Fields Medal. *

Mark only one oval.

- ☐ Ingrid Daubechies
- ☐ Lenore Carol Blum
- ☐ Mariam Mirzakhani
- ☐ Joan Birman

16. Name the film released in 2016 which portrayed how the three female African-American Mathematicians - Katherin Johnson, Dorothy Vaughan and Mary Jackson crossed all gender and race lines to be the real brains behind one of the great operations of Nasa in 1961. *

Mark only one oval.

- ☐ Gifted
- ☐ A beautiful mind
- ☐ Hidden Figures
- ☐ Fermat's Room

17. A Student of G.H. Hardy and first woman president of the London Mathematical Society. *

Mark only one oval.

- ☐ Mary Somerville
- ☐ Mary Cartwrigh
- ☐ Charlotte Scott
- ☐ Gertrude Mary Cox

18. First European woman to hold a university chair in mathematics *

Mark only one oval.

- ☐ Margaret H. Wright
- ☐ Jean Ellen Taylor
- ☐ Sofia Kovalevskaya
- ☐ Alicia Boole Stott

19. The first black woman to gain a doctorate in Mathematics. *

Mark only one oval.

- ☐ Etta Zuber Falconer
- ☐ Georgia Caldwell Smith
- ☐ Gladys West
- ☐ Marjorie Lee Browne

20. Name the Mathematician who is nick named as the Enchantress of Numbers , who was also a Victorian computer Pioneer who collaborated with Charles Babbage on the first programmable computer *

Mark only one oval.

- ☐ Lara Alcock
- ☐ Yvette Amice
- ☐ Ada Lovelace
- ☐ Karen Aardal

21. The women Mathematician who is called “The Mother of Internet” *

Mark only one oval.

- ☐ Pamela Liebeck
- ☐ Dorothy Maharam
- ☐ Radia Pearlman
- ☐ Élisabeth Lutz

22. Name the only woman from the fourth century who was then the world’s leading mathematician and astronomer and was brutally murdered by an angry mob. *

Mark only one oval.

- ☐ Jalia Hall
- ☐ Annie Dale
- ☐ Hypatia
- ☐ Sophie German

23. Identify this famous personality *



Mark only one oval.

- ☐ Renuka Ravindran
- ☐ Ushadevi Bhosle
- ☐ Sujatha Ramdorai
- ☐ Shakuntala Devi

24. Name the mathematician who used to work under the pseudo name of M. Le Blac to hide her identity in a male dominated society of 19th century. *

Mark only one oval.

- ☐ Someville
- ☐ Aguesi
- ☐ Sophie German
- ☐ Asciostat

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