CHAPTER 19

RAMANUJAN, A GREAT MATHEMATICIAN

True/False Questions

1. Ramanujan's mother initially supported his trip to England. **(True / False)**
2. Hardy immediately recognized Ramanujan's genius upon reading his theorems. **(True / False)**
3. Ramanujan was the first Indian to become a Fellow of the Royal Society. **(True / False)**
4. Ramanujan died in England. **(True / False)**
5. Trinity College provided the funding for Ramanujan's travel to England. **(True / False)**

Fill in the Blanks

1. Ramanujan was elected a Fellow of the Royal Society at the age of _____.
2. Ramanujan's mother had a dream about the goddess of _____.
3. The funding for Ramanujan's travel to England was arranged by _____.
4. In England, Ramanujan cooked his own _____ food.
5. Ramanujan passed away in the year _____.

Multiple Choice Questions

LIVEWORKSHEETS

1. **What convinced Ramanujan's mother to let him travel to England?**

   a) A letter from Prof. Hardy

   b) A dream involving the goddess of Namakkal

   c) Financial guarantees from Trinity College

2. **Which institution elected Ramanujan as a Fellow?**

   a) Oxford University

   b) Royal Society and Trinity College

   c) Cambridge University

3. **What was a major religious obstacle for Ramanujan's travel to England?**

   a) His strict vegetarian diet

   b) His mother's orthodox Brahmin beliefs

   c) His refusal to leave India

4. **How did Ramanujan manage his meals in England?**

   a) He ate at local restaurants

   b) He cooked vegetarian food in his room

   c) He adopted a non-vegetarian diet

5. **In which year did Ramanujan arrive in England?**

   a) 1913

   b) 1914

   c) 1919

LIVEWORKSHEETS

6. **Who collaborated with Hardy to evaluate Ramanujan's theorems?**

   a) Littlewood

   b) Einstein

   c) Newton

7. **What did Ramanujan's letter to Hardy primarily contain?**

   a) Requests for financial aid

   b) Theorems without proofs

   c) Personal life details

8. **Why did Hardy initially set aside Ramanujan's papers?**

   a) He found the theorems boring

   b) He doubted their authenticity

   c) He was too busy

9. **What honor did Ramanujan receive at the age of thirty?**

   a) Nobel Prize

   b) Fellowship of the Royal Society

   c) Presidency of Trinity College

10. **How old was Ramanujan when he died?**

    a) 30

    b) 33

    c) 35

LIVEWORKSHEETS