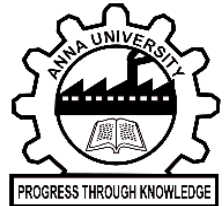




**MADRAS INSTITUTE OF TECHNOLOGY**  
**ASSOCIATION OF COMPUTER TECHNOLOGISTS**  
**PRAYATNA'20**  
**PRESTIGE**



**DURATION: 30 MINS**

**RULES:**

- **WRITE YOUR NAME, REG.NO., DEPT., AND MOBILE NO. ON THE ANSWER SHEET.**
- **STICK YOUR QR CODE ON THE ANSWER SHEET AND WRITE YOUR UNIQUE PARTICIPANT ID BELOW IT.**
- **KEEP YOUR MOBILE IN AIRPLANE MODE.**
- **DON'T LEAVE THE APP DURING THE TEST.**
- **QUESTIONS MARKED WITH ASTERISK (\*) CARRY BONUS MARKS.**

1. How many times do the hands of a clock coincide in a day?
2. If you have me, you want to share me. If you share me you haven't got me. What am I?
3. Draw three lines to transform this shape into nine triangles.



4. Forward I am heavy, but in backwards I am not. What am I? (\*)
5. What is the airing time of the serial **Chithi 2**?
6. According to our Hon'ble Chief Minister Mr.Edappadi K. Palaniswami, who wrote "Kamba Ramayana ?"
7. Guess the brand. (\*)



8. What is at the end of the rainbow?
9. Did Thalapathy Vijay wore flip flops in the opening scene of Mega Blockbuster **Sura**?
10. What is section 49p in election?
11. A is the son of B. C, B's sister has a son D and a daughter E. F is the maternal uncle of D. How is A related to D?  
A. Nephew      B. Cousin      C. Brother      D. Uncle
12. Who is the present Governor of Telangana?

13. What is always on its way but never arrives?

14. Guess this famous Tamil movie dialogue.

NWay  
AWay BWay CWay DWay EWay  
FWay GWay HWay IWay JWay  
KWay LWay MWay OWay PWay  
QWay RWay SWay TWay UWay  
VWay WWay XWay YWay ZWay

15. Write a story for **Vivegam 2**.

16. Describe about yourselves in one sentence. (\*)

17. Connect this image to find this famous personality



18. Crack the logical password of the Mobile: 5-digit number (\*)

The 4<sup>th</sup> digit is 4 more than the 2<sup>nd</sup> one. The 3<sup>rd</sup> digit is 3 less than the 2<sup>nd</sup> one.

The 1<sup>st</sup> digit is 3 times the 5<sup>th</sup> digit. 3 pairs of digits sum up to 11

19. A box without hinges, key or lid,  
Yet golden treasure inside is hid.  
What is it?

20. Lokesh works in a secret underground lab and researches about Corona virus. One day, an earthquake causes a power failure which results in the release of virus in every rooms except IN. Now Lokesh should prevent the virus from reaching the surface. The lab's architecture is shown below. Each room is connected to their adjacent ones. (i.e., from room no.5 you can enter rooms 1,4,6,9). Each room has a Fail-Safe switch. When operated the switch will fill the room with sand thus preventing the virus from reaching surface. Lokesh has a HazMat Suit so he can get into the contaminated rooms and can come out unharmed. **The task for Lokesh is to hit the Fail-Safe button in every rooms.** Once you enter a contaminated room, you must pull the switch. After pulling the switch You must immediately leave the room. You cannot return to a room after its switch has been activated.

IN	1	2	3
4	5	6	7
8	9	10	11
12	13	14	OUT

How can Lokesh destroy the virus in every contaminated room and get out? (\*\*)