1St Round- E-mail writing And Aptitude test

E-mail:
You are the recent passenger of Airline. Write a mail to Mr. Matt to register a complaint about your loss baggage and for compensation.
Phrases-

Inconvenience ---- maintenance ---- goodwill ----compensation ----charge ----loss---- regret----certificates----attention-----suits-----significant

E-Mail:

Your college is going to celebrate the golden jubilee. Write a mail to college alumni Mr. Deb Chatterjee to invite him for the function. Sign the mail as Sam.

Pleasure ----- golden jubilee ----invite classmates----attend---- old friends ----look host---- alumni----memorable ----event ----- confirm ---- two days

E-Mail:

Write an email to your professor Ms. Matt thanking her that for teaching and guidance that contributed to your overall development

Successful—Placed – Thankful—grooming – guidance – helpful

E-Mail:

Write an email to Mr. Prashant to congratulate him for the success of project. Sign email as Alex.
Email should be minimum of 50 words.
Phrases:
Congratulations – boost – success - preservance - revenues – growth – more – challenges – milestones

Aptitude Test-

1. Find the probability that a leap year chosen at random will have 53 Sundays.

a. 1/7 b. 2/7

c. 1/49 d. 3/7

2. In this question A^B means A raised to the power B. If f(x) = ax^4 - bx^2 + x + 5 and f(-3) = 2, then f(3) =

a. 1 b. - 2

c. 3 d. 8

3. In the above table, the sum of numbers in each column, each row and the two diagonals are the same. What is the value of (A*B)+(c*d) - (E*F)?

93	E	119	99
A	103	C	109
107	**111**	F	101
117	B	95	D

4. How many of the numbers x (x being integer) with 10<= x<= 99 are 18 more than the sum of their digits

a. 9
b. 12
c. 18
d. 10

5. University of Vikramsila has enrolled nine PhD candidates. Babu, Chitra, Dheeraj ,Eesha, Farooq,Gowri , Hameed, Iqbal, Jacob.

-Farooq and Iqbal were enrolled on the same day as each other, and no one else was enrolled that day.

-Chitra and gowri were enrolled on the same day as each other, and no one else was enrolled that day.

-On each of the other days of hiring , exactly one candidate was enrolled.

-Eesha was enrolled before Babu.

-Hameed was enrolled before Dheeraj

-Dheeraj was enrolled after Iqbal but before Eesha

-Gowri was enrolled after both Jacob and Babu

-Babu was enrolled before Jacob
Who were the last two candidates to be enrolled?
a. Babu and Gowri
b. Eesha and Jacob
c. Babu and Chitra
d. Gowri and Chitra

6. A card from a pack of 52 cards is lost. From the remaining cards of the pack, two cards are drawn and are found to be both spade. Find the probability of the lost card being a spade.
a. 10/50
b. 10/53
c. 11/50
d. 11/53

7. Jake can dig a well in 16 days. Paul can dig the same well in 24 days. Jake, Paul and Hari together dig the well in 8 days. Hari alone can dig the well in
a. 96 days
b. 48 days
c. 32 days
d. 24 days

8. Rajiv can do a piece of work in 10 days, Venky in 12 days and Ravi in 15 days. They all start the work together, but Rajiv leaves after 2 days and Venky leaves 3 days before the work is completed. In how many days is the work completed?
a. 5
b. 6
c. 9
d. 7
Note: Same question is asked only names are change

9. The length, breadth and height of a room are in the ratio 3:2:1. If the breadth and height are halved, while the length is doubled. Then the total area of the 4 walls of the room will be decreased by
a. 30%
b. 18.75%
c. 15%
d. 13.6%

10. The crew of a rowing team of 8 members is to be chosen from 12 men (M1, M2, …., M12) and 8 women (W1, W2,…., W8), such that there are two rows, each row occupying one the two sides of the boat and that each side must have 4 members including at least one women. Further it is also known W1 and M7 must be selected for one of its sides while M2, M3 and M10 must be selected for other side. What is the number of ways in which rowing team can be arranged.

11. In a certain city, 60% of the registered voters are congress supporters and the rest are BJP supporters. In an assembly election, if 75% of the registered congress supporters and 20% of the registered BJP supporters are expected to vote for candidate A, what percent of the registered voters are expected to vote for candidate A?

12. Eesha bought two varities of rice costing 50Rs per kg and 60 Rs per kg and mixed them in some ratio.Then she sold that mixture at 70 Rs per kg making a profit of 20 % What was the ratio of the micxture?

13. How many 6 digit even no. is formed from 1,2,3,4,5,6and 7 and second last digit is also even ?

14. In a chess tournament including some boys and girls if 45 matches were between both the players as girl and 190 matches between both players as boy then, no. of matches where one is boy and other is girl are (Each player will play a single match with other once)?

15. What is the minimum value of abs(187m – 396n – 526) as m, n take all integer values? Here abs is the absolute value function (that is, if $x > 0$, then abs(x) = x and if $x < 0$, then abs(x) = – x).
(Star question).
Ans:2.

16. 100 students appeared for two examinations. 60 passed the first, 50 passed the second and 30 passed both. Find the probability that a student selected at random has failed in both the examinations?
Ans: 1/5.