Polaris Sample Paper

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Company	:	Polaris
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SESSION –I
FILL UP WITH APPROPRIATE WORDS: 2 QUESTIONS .

3. NOVEL: BOOK:: ?

4. IMPECCAPABLE:FLAW:: ?

5.BLANCH-(ANTONYNM),6.DISSEMINATE(ANTONYNM)

7&8 WERE AGAIN FILL UP APPOPRIATE WORDS.

9. SEQUENTIAL –FIND THE NO. PAIRS OF ALPHABETS OCCURING IN THE SAME ORDER AS IN ALPHABETS FROM BOTH SIDES.

I DON'T REMEMBER THE qs 10.(but some analogy).

                SESSION-II(APPTITUDE)

 1.AVG.MARKS OF 7 STUDENTS IS 48%.ONE STUDENT IS INCLUDED AND THE % OF AVG. MARKS INCREASES TO SOME ----%.FIND THE STUDENT'S MARK WHO WAS INCLUDED LATER?ANS 90%

2.BASED ON PARTNERSHIP. ONE MAN INVEST SOME AMT. AFTER THREE MONTHS ANOTHER MAN JOINS AND INVEST SOME AMT.
PROFIT FOR THAT YEA IS SOME AMT. FIND THEIR SHARE.

3.IF I GO TO MY OFFICE AT A RATE OF 7/5 OF MY USUAL SPEED I AM LATE BY 10 MINS.WHATIS THE TIME TAKEN FOR ME TO REACH THE OFFICE AT MY REGULAR SPEED.
4.A,B,C CAN DO A PIECE OF WORK IN ---,----,----DAYS.A&BWORK FOR ----DAYS THEN A&C WORKS FOR ----DAYS.THIOS CONTNUES TILL THE WORK FINISHES.FIND THE NO.DAYS TO COMPLETE THE WORK.

5.GREATEST DIVISIBLE OF 1442&1803 LEAVING 2&3 AS REMAINDERS RESP.(60,120,360,90).

6.A MAN WALKS 3 KM &TURNS LEFT &WALKS 4 KM.HOW FAR IS HE FROM THE STARTING POINT.

7.PEIMETER OF AN EQUILATERAL TRIANGLE IS GIVEN.ALSO THE ALTITUDE. FIND THE AREA.

8.WHEN HEIGHT OF THE CONE IS INCREASED BY 50% THEN TO MAINTAIN THE SAME VOLUME WHAT IS THE RATIO OF THE OLD &NEW VOLUME.

9.COMPLETE THE SERIES:
0,1,4,25…

10.FIND : $(1+COSA/1-COSA)^{1/2}$

11. FIND : $X^{1/2}*Y*Z^{2/3}$ WHERE X=09;Y=3;Z=8.(NO OPTION WAS GIVEN).

12.WHICH IS THE NEAREST SQUARE INTEGER TO 9585.(9604)

13.SOLVING EQUATION:2 EQUATIONS WERE GIVEN FIND THE VAUE OF THE VARIABLE 'K' SO THAT THE EQUATION HAS NO SOLUTION .

14. FIND: 2LOG 5+LOG8-1/2LOG4=?

15.THIS WAS BASICALLY CONSISTED OF 2 COLUMNS OF EXPESSIONS COMPARE AND SAY WHETHER
1. I IS GREATER OR
2.II IS GREATER
3.BOTH ARE EQUAL
a.SAY COLUMN A   COLUMNB
        1/3+1/3   1/3*1/3
AROUND 3 TO 4 QUESTIONS WERE BASED ON THE ABOVE PATTERN.

16.WHAT SQUARE IS $[7+2(10)^{1/2}]^2$ there were choices given and u need to find which is the best one.

17.PROBLEM BASED ON angle of ELEVATION (trignometry)

18. $X^2+Y^2=?$; X+Y=3.

19.qs no.5 was repeated.

20.one more sum based on partnership.

SESSION-III(ANALYTICAL)

1.PUZZLE TEST QUESTION FROM R.S.AGGARWAL.(VERBAL REASONING).

LIKE 7 MEMBERS A,B,C,D,E,F,G. THEIR OCCUPATION IS GIVEN .QUESTIONS BASED ON THEIR
RELATION. THEIR OCCUPATION.
SOME 10 QUESTION were BASSED ON the above conditions

2. SIMILAR TO QS.1. SOME 10 QS. BASED ON THIER RELATION.

3.A SERIES OF ALPHABETS ,SYMBOLS ,NUMBERS WILL BE GIVEN.
On SIMPLE QS. BASED ON THE ORDER THeY ARE GIVEN.(ONE QS. DID NOT HAVE ANY OPTION).
Eg: A $ * # B Z C
    3 5 2 1 8 0 2
find the odd man out
a) A $ b) # C c) 5 1 d) 0 2
SOME 5 QS. BASED ON the above pattern.

4. SOME STATEMENT WILL BE GIVEN BASED ON THAT 2 CONCLUSIONS WILL be GIVEN. YOU HAVE TO
SELECT WHETHER THE 1OR
2OR
BOTH OR
NONE IS RELEVENT TO THE STATEMENT.