

IBM Technical Interview Questions

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Q1. FLOP is the unit of

- i) clock speed,
- ii) frequency.
- iii) memory
- iv) processors speed.

Q2. How many times it will print?

```
main()
{
Printf ("hello");
Main ();
}
```

Q3. Complexity of heap sort

ANS: $O(n \log n)$.

Q4. What will be the o/p?

```
int main()
{
char a, b;
printf("%d%d%d%d", sizeof(A), sizeof(NULL), sizeof(a),
sizeof(main));
}
```

Q5. Necessity of Parity bit

ANS: b.

Q6. What is the o/p?

```
#DEFINE xyz(exr)printf(exr=%d,exr)
main()
{
int x=3;y=2;
```

```
xyz(x/y);  
}
```

Q7. Simple question on graph

Q8. Simple question on sql

Q9. Files are there of size like 26543b,2000b,4000b,1000b arrange them according to there access time

Aptitude (TOTAL25)

Q10. Unit digit of 7^{173} ?

Q11. Two train coming towards from dist 24 miles with speed 12 miles/hr ,a fly randomly flying between two trains at the speed of 18 miles/hr.how many distance covered by the fly before will collide?
(30,36)

Q12. What is the increase of volume of a sphere if its radius increases by 10%?

Q13. A man climbing in a rock at 24 km/hr and downhill 36 km/hr. determine avg speed?

Q14. Problem on language (some percent known german, some knows French,some English)

ANS: 24.

Q15. Here two same size glass one is filled $\frac{1}{3}$ of milk and other is $\frac{1}{4}$ milk.then the glasses filled with water and mixed,what is the percentage of milk now?

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Q17. If the time required for write one digit is one second then how many time for $(10^{10})^{10}$?

- i) few day
- ii) millions of day
- iii) one year

Q18. In 1930 the age of one student is same as the last two digit of his year of birth and the case is same for his grand father also ,what

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ANS: 80

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Q20. Blue socks: 4pair, red socks: 3pair, white socks : 2 pair , how many socks one will take for two different socks.

Q21. What is the probability of 2 man will be born in a same month

ANS: 1/12,1/6,1/24,1/2)

Q22. There is a square ground of side 14cm, two horses r there in two different point of the square such that they can just touch them, how much grass will not be covered by the horses.

ANS: $14*14-2*(1/4)*\pi*(7*\text{root}2)^2$.

Q23. A man is started his journey from point A he goes 1000 km south then 1000 km east ,1000 km north, then 1000 km west. where is he now.

- i) At point A
- ii)1000 km east from A