

# **General Aptitude Interview Questions And Answers Guide.**



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## General Aptitude Job Interview Preparation Guide.

### Question # 1

What is ETP?

**Answer:-**

effluent treatment plants

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### Question # 2

Find the least number which when divided by 7 gives the remainder 6, when divided by 6 gives remainder 5, when divided by 5 gives remainder 4 and so on?

**Answer:-**

Try trial and error method for the multiple numbers of 7

you will get a number 119 which should get a remainder 6 when divided by 7, 5 when divided by 6, 4 when divided by 5, 3 when divided by 4, 2 when divided by 3, 1 when divided by 2,

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### Question # 3

In a class 80% have passed in English, 70% passed Hindi, 10% didn't pass either. If 144 students passed both the subjects. What is the total strength of the class?

**Answer:-**

248

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### Question # 4

What is the pattern for MAQ Software company?

**Answer:-**

1st Round

1.1 First prepare C language --> They will concentrate on arrays, function and pointers, call by reference and call by value (30 question) + Aptitude Question from R S Aggarwal (20 question)

(50 question 1 hour)

1.2 In Algorithm they will ask two algorithm 45 min.....

just right the logic of it

1--> If few people are electing then every time ur candidate should win

2--> arrange books in box, if box carry weight == books weight then take another box..... find the no of box required.

(2 Algorithm 45 minutes)

2nd Round " Two Technical Interview

IN interview one sql query (find employee name whose sal is b/w 5k and 10k and arrange in ascending order by name), one question on c like (prime no b/w 50, fibonacci, find the addition of digit like 456 then u should find 4+5+6 value etc) one reasoning question (no of square in chess board).

HTML (registration form). (In interview u can write code in java instead of c)

(prepare on redundancy, joins, ACID property, JDBC connection)

both interview will consist same type of question.

(they will see ur confidence level)

3rd Round

IN HR (Tell abt urself ... why u want to join MAQ, What special qualities u have?, How many hours u can work? what u did after B.Tech.)



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### Question # 5

If a man stands in front of sun what is the first letter of the direction which is left to him?

**Answer:-**

its a kind of trick question ....as sun can be considered as a sphere of burning gases and not a circle...so it can be any direction on the left of person standing in front of the sun.

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### Question # 6

A persons salary is getting reduced by 20%. What percentage should be added to get back his original salary?

**Answer:-**

reduced by 20%=80%  
 $(20/80)*100=25\%$

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### Question # 7

Oshkosh did a study of the colors used in African national flags. He found that 38 flags have red, 20 have blue, 13 have both red and blue, and 8 have neither red nor blue. How many flags

- a. have red but not blue?
- b. have blue but not red?
- c. were included in the study?

**Answer:-**

$n(r)=38$   
 $n(b)=20$   
 $n(r \& b) = 13$   
 $n(r+b) = n(r)+n(b)-n(r\&b)$   
 $= 38+20-13$   
 $= 45$  (flags with either red or blue)  
total flags(study) = 45 + 8(neither red nor blue) = 53  
red not blue = 38-13 = 25  
blue not red = 20-13 = 7

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### Question # 8

What is the next number in the series 3,26,15,124,?

**Answer:-**

the answer is as follows

$2^2=4-1=3$   
 $3^3=27-1=26$   
 $4^2=16-1=15$   
 $5^3=125-1=124$   
SO THAT BY FOLLOWING THIS SEQUENCE  
THE ANSWER IS  
 $6^2=36-1=35$

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### Question # 9

In town of 500 people, 285 read Hindu and 212 read Indian express and 127 read Times of India 20 read Hindu and times of India and 29 read hindu and Indian express and 35 read times of India and Indian express. 50 read no news paper. Then how many read only one paper?

**Answer:-**

256

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### Question # 10

You have 5 jars of pills. Each pill weighs 10 gram, except for contaminated pills contained in one jar, where each pill weighs 9 gm. Given a scale, how could you tell which jar had the contaminated pills in just one measurement?

**Answer:-**

- 1) Suppose there are 5 jars and one physical balance, take any 4 out of them and place 2 jars on each side of the scale remains horizontal, then the remaining jar has the contaminated pills.
- 2) Else if the balance shifts to one side then the contaminated jar must be on the side which is lifted upwards. so remove one of the jars from either side. if the balance is still tilted to one side then the jar which is left on the side which is tilted is the contaminated jar.
- 3) If the balance becomes horizontal when you removed it, the jar you removed from the previously tilted jar is the required contaminated jar.



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### Question # 11

10 years ago, the average age of a family of 4 members was 24 years. Two children having been born (with age difference of 2 years), the present average age of the family is the same. The present age of the youngest child is:

**Answer:-**

The youngest age is 3.

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### Question # 12

Explain  $2 - [2 - \{2 - 2\}]$ ?

**Answer:-**

-2 or +2

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### Question # 13

One train leaves Los Angeles at 15mph heading for New York.

Another train leaves from New York at 20mph heading for Los Angeles on the same track. If a bird, flying at 25mph, leaves from Los Angeles at the same time as the train and

flies back and forth between the two trains until they collide, how far will the bird have traveled?

**Answer:-**

Actually they should mention distance between the two stations, but I searched in Internet and I found the distance between the stations is 2450 miles.

So the time taken for both trains to meet is

Time taken = distance between them / Relative speed of both trains in opp direction (Sum of speeds) =  $2450 / 35 = 70$  hours.

so for these 70 hrs the bird will be travelling here and there. so distance traveled for 70 hrs =  $70 * 25 = 1750$  miles.

So answer is 1750 miles.

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### Question # 14

A square is to circle as cube is to?

**Answer:-**

cube is to sphere.

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### Question # 15

0, 7, 26, 63, 124, \_\_\_?

**Answer:-**

215

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### Question # 16

If A earns Rs.450 monthly salary and increment of Rs.25 yearly, similarly B earns Rs.600 salary monthly and Rs.20 increment. when does A earn more than B?

**Answer:-**

A's monthly income = Rs 450

A's monthly increment = Rs 25/12

B's monthly income = Rs 600

B's monthly increment = Rs 20/12

Let A requires 'x' month to have A's salary to be equal to B's salary so,

$450 + 25/12 * x = 600 + 20/12 * x$

$x = 12.465$  years. After 12.465 yrs A's sal becomes more than B's sal....

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### Question # 17

A monkey climbs a 52 m smooth pole. It climbs 6 m up in one minute and slips

2 m down in every alternate minute. How long will it take to reach the top of the pole?

**Answer:-**

104 minutes....

coz in 2 minutes he climb 4 meters

so to climb 52 meters he will take  $52 * 2 = 104$  minutes

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### Question # 18

Where is Himalaya?

**Answer:-**

north side of India

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**Question # 19**

Success is to failure as joy is to?

**Answer:-**

joy is to sorrow

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**Question # 20**

3. 1, 3, 5, 7, \_\_?

**Answer:-**

9

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**Question # 21**

A man leaves office daily at 7pm A driver with car comes from his home to pick him from office and bring back home One day he gets free at 5:30 and instead of waiting for driver he starts walking towards home. In the way he meets the car and returns home on car He reaches home 20 minutes earlier than usual. In how much time does the man reach home usually?

**Answer:-**

1 hr 20 min

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**Question # 22**

What is difference between goal and aim?

**Answer:-**

For example we take this question,

My goal is to answer this question.

My aim is how i am clearly answering the question.

Another example:

My goal is to pass the interview and my aim is the effort

i am taking (iam learning for it )

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**Question # 23**

what is the diode?

**Answer:-**

diode is a two terminal device. It allows current to flow only in one direction.

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