

## Atta Deep Bhav!

Aug 15<sup>th</sup>, 2001  
USA

Dear Friends,  
Jai Bheem.

“Atta Deep Bhav!” is a new monthly news article starting from May 15<sup>th</sup> 2001 and will come to you every 15<sup>th</sup> day of the month. As the name means, “Be Thy Own Light!” this is the article for Indian Buddhist students who are willing to follow the path of “Atta Deep Bhav!” in life. We are pleased and honored to start this article for the following objectives.

### Objectives:

*To encourage as many Indian Buddhist students as possible, to get a good job in the United States of America and overseas.*

*To give them an overview of the trends around and the coming opportunities.*

To achieve these objectives, we have an earnest and sincere desire to give correct, complete and very useful information about the current career trends in any field, mainly focussing on Computer and Information Technology.

### First few Lines from our Desk...

To every single Buddhist student in India, we wish to convey through this article that though we work here, very far from India, we care for you all. We will do our best possible to provide you with good information. But one very important thing you all need to keep in mind: It is you who should take a deep and enthusiastic interest to make your own individual career dreams true. It is you who needs to strive hard to achieve success.

Finally, with the thought that the heart of every Buddhist student will beat in sympathy for every other Buddhist student and with the hope that you will share this information with as many Buddhist students as possible.

Depending upon the suggestions and response from the readers, we are wholeheartedly open for making changes but within the framework of making this article a powerful source of right career related information for Indian Buddhist students.

(Get online source of Atta Deep Bhav! at: <http://www.ambedkar.org/adb/>)

With much Metta,  
Sachin Kasbe  
Pankaj Meshram  
Ajit Nandagawali

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## **Atta Deep Bhav!**

### **Thus Spoke Ambedkar:**

**My final words of advice to you are Educate, Agitate and Organize; Have faith in yourself. With justice on our side, I do not see how we can lose our battle. The battle to me is a matter of joy. The battle is in the fullest sense spiritual. There is nothing material or social in it. For ours is a battle not for wealth or for Power. It is the battle for freedom. It is the battle of reclamation of Human Personality.**

**Dr. B. R. Ambedkar**

### **Immigration to Canada:**

In this issue we are giving some information on “Immigration to Canada”. In the year 2001, Canada plans to accept between 200,000 and 225,000 immigrants, to meet their goals of economic benefits to Canada, family reunification, and humanitarian commitment. Canada has a long tradition of welcoming immigrants. Home to two official languages, English and French, Canada is also a multicultural society and for the past four years, the United Nations has rated Canada the top country in the World for overall quality of life. Canadians enjoy a comfortable standard of living, good health care, social security, a high level of education, and a relatively safe and clean environment. These are just few things, which goes for “Why choose Canada?” Along with this, Canada is also a major place for Technology and Software Areas. Also Canadian Citizens don’t need any Visa or Work Permit to work in USA and in many economically advanced countries.

There are four major classes of Immigrations to Canada viz. Independent Class Immigration, Business Class Immigration, Family Class Immigration and Returning Residents. Independent immigrants are selected for the knowledge, skills and experience needed in Canada's labor market and this is where there is plenty of good opportunity. Mostly, all the skilled personnel’s of any areas of skills, be it from Arts, Commerce, Law, Engineering or Medical are welcomed in Canada. Since we think that most of you will be interested and benefited from the “Independent Class Immigration” we are giving below some key points and reference information source for the above class. There is a Selection Criterion for Canada Immigration for Independent Class Immigration and points are given depending on “What Occupations are in Demand?” Canada maintains a General Occupation List

**(<http://www.cic.gc.ca/english/immigr/occ/occup1.html>)**

And almost any occupations across the World are listed in there. This list gives information about what occupations are in demand in Canada and accordingly the points are awarded.

The following table gives the selection criteria and the maximum points one can earn for those criteria:

S.NO	CRITERIA	POINTS AWARDED
1.	Age	10
2.	Education	16
3.	Education/Training Factor	18
4.	Occupation	10
5.	Arranged employment	10
6.	Experience	8
7.	Language ability	15
8.	Demographic Factor	8
9.	Personal suitability	10
10.	Relative in Canada.	5
11.	Demographic Factor(decided by Canadian Government)	8
12.	Age ( between 21 and 44)	10
13.	Masters degree	16
14.	Bachelors degree	15

**To get the application selected for scrutiny one needs to collect at least 70 points.**

The points for Occupational and Education/Training Factor are mostly decided by the “Occupations in Demand” criteria. Min experience required to qualify is one year. And Language points are given to speak, read and writing ability of English and French.

To access whether you qualify or not please go through the following site

(<http://www.cic.gc.ca/english/immigr/guide-ce.html#assess>) and use the self-assessment worksheet to estimate your points.

Its very easy to collect minimum 70 points if you, for yourself, find out how much points you have earned and then work on collecting more points. Learning French and gathering experience is some areas to collect more points. All this information and for any more information please visit the following link. Contrary, you can contact the Canadian Embassy and collect more information about application procedures etc.

<http://www.cic.gc.ca/english/index.html>

Canada has lot of opportunities to offer and we believe that this information will provoke you to seek one more additional door towards progress.

**Important Information:**

- 1) <http://www.actualjobs.com/>  
This site has the largest Canadian Job Index. It helps one to find the kind of Jobs available in different Canadian regions.

- 2) <http://www.monster.ca/>  
This is Canada's leading on-line career portal management. It has quite useful tools to make your job search easier. You can post your on-line resume, create your own job search agents. You can keep in touch with new jobs by subscribing the career newsletters. In addition, there is a career center to help you in the preparation phases of getting a good job. There are some interesting things like virtual interview, personality quizzes that help to discover the potential you have for a particular job. Etc. It is a very useful Webster.
- 3) <http://www.allcanadianjobs.com/>  
This site provides an exciting job search database spanning the entire Country, Canada. A proper list of different job areas is available. Find a relevant area and look for the jobs available. You can post your resume.
- 4) <http://jobsearch.educationcanada.com/>  
This site is mainly for teaching jobs in Canada. Its peculiarity is that you can select multiple categories and regions for searching a particular job, at the same time.
- 5) <http://www.kenevacorp.mb.ca/>  
This is a most comprehensive Canadian On-line Employment Guide. It forms a major link to other job related sites of Canada. It is an important and perhaps the best site as it has information like occupation specific sites, Career Development sites, Resume Creation and Job Interview sites, it also reflects the latest New Trend in Job Postings.
- 6) <http://www.canadastop100.com/>  
This site will give you the top 100 employers in Canada and job opportunities they provide.
- 7) <http://www.financialcareer.com/>  
This site is particularly for the financial careers. Gives good dearth of information on financial matters and careers.
- 8) <http://www.hotjobs.ca/>
- 9) <http://www.compugen.ca/employment.htm>
- 10) <http://www.granary.com/>  
One more good site on the job requirements and statistics in Canada

**Written Test Question Paper:**

The following paper is just a sample Question paper. Please try to practice many such question papers. This question paper is only supposed to give you an overview of the type of questions that can be asked in Written Tests.

BASIC "C" QUESTIONS

1. The C language terminator is
  - a. semicolon
  - b. colon
  - c. period
  - d. exclamation mark
2. What is false about the following?  
A compound statement is
  - a. A set of simple statments
  - b. Demarcated on either side by curly brackets
  - c. Can be used in place of simple statement
  - d. A C function is not a compound statement.

3. What is true about the following C Functions?
- Need not return any value
  - Should always return an integer
  - Should always return a float
  - Should always return more than one value.
4. Main must be written as
- The first function in the program
  - Second function in the program
  - Last function in the program
  - Any where in the program
5. Which of the following about automatic variables within a function is correct?
- Its type must be declared before using the variable
  - They are local
  - They are not initialized to zero
  - They are global.
6. Write one statement equivalent to the following two statements
- ```
x=sqr (a);  
Return (x);
```
- Choose from one of the alternatives
- return (sqr(a));
  - printf ("sqr(a)");
  - return (a\*a\*a);
  - printf ("%d",sqr(a));
7. Which of the following about the C comments is incorrect?
- Comments can go over multiple lines
  - Comments can start anywhere in the line
  - A line can contain comments with out any language statements
  - Comments can occur within comments
8. What is the value of y in the following code?
- ```
x=7;y=0;  
if(x=6)  
y=7;  
else  
y=1;
```
- 7
  - 0
  - 1
  - 6
9. Read the function conv() given below
- ```
conv(int t)  
{  
int u;  
u=5/9 * (t-32);  
return(u0;  
}
```
- 15
  - 0
  - 16.1
  - 29

10. Which of the following represent true statement either x is in the range of 10 and 50 or y is zero

- a.  $x \geq 10 \ \&\& \ x \leq 50 \ \parallel \ y == 0;$
- b.  $x \geq 10 \ \& \ x \geq 50 \ \parallel \ y == 0;$
- c.  $x \leq 10 \ \parallel \ x \leq 50 \ \& \ y == 0;$
- d.  $x \geq 10 \ \&\& \ x \geq 50 \ \& \ y == 0;$

11. Which of the following are not an infinite loop?

- a. 

```
while(1){
....
}
```
- b. 

```
for(;;){
...
}
```
- c. 

```
x=0;
do{
/*x unaltered within theloop*/
...
}while(x==0);
```
- d. 

```
# define TRUE 0
...
while(TRUE){
....
}
```

12. What does the following function print?

```
func(int i)
{
if(i%2)return 0;
else return 1;
}
main()
{
int =3;
i=func(i);
i=func(i);
printf("%d",i);}
```

- a. 3
- b. 1
- c. 0
- d. 2

13. How does the C compiler interpret the following two statements

```
p= p+x;
q= q+y;
```

- a.  $p = p+x;$   
 $q = q+y$
- b.  $p = p+xq = q+y$
- c.  $p = p+xq;$   
 $q = q+y$
- d.  $p = p+x/q = q+y$

For Questions 14,15,16,17 use the following alternatives

- a. int
- b. char
- c. string
- d. float

14. '9'

15. "1 e 02"

16. 10e05

17. 15

### QUANTITATIVE APTITUDE

1. A person needs 6 steps to cover a distance of one slab. If he increases his foot length (step length) by 3 inches he needs only 5 steps to cover the slabs length. What is the length of the each slab?

Answer 31 inches).

2. There are 19 red balls and one black ball. Ten balls are put in one jar and the remaining 10 are put in another jar. What is the possibility that the black is in the right jar?

Answer 1/2.

3. There is one lily in the pond on 1st June. There are two in the pond on 2nd June. There are four on 3rd June and so on. The pond is full with lilies by the end of the June. On which date the pond is half full.

Answer 29th. --The June has 30 days)

ii) If we start with 2 lilies on 1st June when will be the pond be full with lilies.

Answer 29th June)

4. A lorry starts from Banglore to Mysore at 6.00 A.M, 7.00am,8.00 am.....10 pm. Similarly one another starts from Mysore to Banglore at 6.00 am,7.00 am, 8.00 am.....10.00pm. A lorry takes 9 hours to travel from Banglore to Mysore and vice versa.

(i) A lorry which has started at 6.00 am will cross how many lorries.

(Answer 10)

(ii) A lorry, which had started at 6.00pm, will cross how many lorries.

(Answer 14)

5. A person meets a train at a railway station coming daily at a particular time. One day he is late by 25 minutes, and he meets the train 5 k.m. before the station. If his speed is 12 kmph, what is the speed of the train?

Answer 60 kmph.

7. A thief steals half the total no of loaves of bread plus 1/2 loaf from a bakery. A second thief steals half the remaining no of loaves plus 1/2 loaf and so on. After the 5th thief has stolen there are no more loaves left in the bakery. What was the total no of loaves did the bakery have at the beginning?

Answer 31.

8. A gardener plants 100 meters towards east, next 100 meters towards north, next 100 meters towards west. 98 meters towards east, 96 meters towards north and 96 meters towards west, 94 meters towards south and 94 meters towards east and so on. If a person walks between the trees what is the total distance traveled by him before he reaches the center?

9. Long division:

Example: 1089709/12?