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YOURSELF



Take the Bloomberg Assessment

Bloomberg Institute now offers the Bloomberg Assessment (BAT) to help students secure employment with prestigious financial institutions.

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HOW STUDENTS CAN BUILD THEIR FINANCIAL KNOWLEDGE



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>>> **BLOOMBERG TV/RADIO:** Mobile Apps for Apple devices

>>> **BLOOMBERG MOBILE:** Mobile application for Apple and Android

>>> **BLOOMBERG TRAINING:** On campus terminal training – available for universities with Bloomberg license

>>> **BLOOMBERG INSTITUTE:** Register and sit the **Bloomberg Assessment Test (BAT)**

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OVERVIEW OF THE BAT

The Bloomberg Assessment Test (BAT) is a global, standardized online test that has been developed in partnership with premier financial institutions and university faculties around the world. The BAT covers a range of subjects that evaluate financial knowledge and aptitude as well as career skills. Students who take the BAT uncover their strengths on various subjects and gain insight into which areas of finance may suit them best.

After taking the BAT, students are entered into the Bloomberg Institute Talent Search, a tool being used by employers to identify candidates for entry level roles in finance. Employers have access to view student profiles on an anonymous basis, and may elect to contact students with testing profiles complementary to their available career opportunities. The BAT is a great way for your students to not only test their current knowledge, but also to define themselves as valued candidates to employers.

VALUE PROPOSITION

EMPLOYERS The BAT will help employers screen their overwhelming number of entry-level applicants more efficiently, consistently and objectively, and will help promote fairness, diversity and meritocracy. Employers will also be able to reach talented candidates outside their traditional recruiting channels. The BAT may help reduce overall recruiting costs.

STUDENTS The BAT will help students demonstrate to financial employers that they are strong candidates for recruitment. The BAT also allows students to view their abilities in comparison to their peers globally to discover the areas in which they need to focus more attention.

UNIVERSITIES The BAT will help universities demonstrate the quality of their students, assess/improve their own finance curriculum, and help facilitate student placement in financial careers.

TEST DESCRIPTION

Three Hour computer-based test, administered in person at partner universities and Bloomberg offices around the world.

Multiple Choice Questions, including Bloomberg screens, charts and functions, emphasizing the “real life”, practical application of knowledge.

Eleven Sections: 1) Economics 2) Financial Statements Analysis 3) Corporate Valuation 4) Investment Banking 5) Financial Markets 6) Investment Management 7) Verbal Skills 8) Math Skills 9) Analytical Reasoning 10) Situational Judgment 11) Modeling Skills

English: All test questions and answers are written in English.

Employers will have access to student testing profiles on an **anonymous** basis. Students may release their contact details to employers if interested in an employment opportunity.

Cost: There is currently no fee to take the BAT.

MILESTONES

62,000+ students have registered for the BAT

33,000+ students have taken the BAT

1200+ participating colleges/universities globally

QUICK FAQS

- **'I'm not a Commerce or Business student – can I still sit the test?'** Yes! Here at Bloomberg we encourage students from multiple disciplines to sit the test, In fact some of the highest ranking students come from non-commerce related backgrounds such as engineering, math and physics!
- **'I'm a First/ Second year student and do not have a strong knowledge in some of the test areas'** – Although the test covers many areas that may be new to students, Bloomberg have designed the test so that candidates are compared against one another within the same year of study. For example, if you take the test as a first year, your performance will be compared against all other first years globally who would have the same level of financial knowledge taught. In addition, knowing your strengths and development areas at an early stage will help to determine what subjects you should take in the following year and what internship roles you may be better suited for; and it could help you secure an internship early too!
- **'How does the score system work and how does it apply to employers?'** – After sitting the BAT test Bloomberg Institute will email you your results which will include a BAT score test which is based upon the average of all subject areas. In addition, you will also get your test results for each test area. This will enable you to see how you performed against your peers. This is also beneficial for employers as they are able to select students that have performed well in particular areas.

WHAT ARE THE BENEFITS FOR STUDENTS?

There are a number of benefits for students that complete the Bloomberg Assessment Test, these include:

- **Boosting your CV:** Showcase your BAT or subject test score to potential employers. This can be helpful in interview situations when asked by a potential employer 'why should I employ you' – For example, if you are applying for a role in an Investment Bank you may be able to strengthen your application by stating that you ranked in the top quadrant for the Investment banking and modeling test areas.
- **Internship and Employment opportunities:** Based upon your test results employers may wish to connect with you. This can lead to potential internships and employment opportunities
- **Networking Opportunities:** Connect with other participants from around Australia and New Zealand by joining the LinkedIn Bloomberg Institute – Australian and New Zealand Group.
- **Career Path:** Sitting the BAT can help students understand what roles within finance that might be better suited for them as well as help structure your degree towards subjects that may be better suited for you
- **Global benchmark:** Know how you perform against your global peers

HOW TO REGISTER

Go to: www.TakeTheBAT.com Click on Students > Click Register > Click Sign Up

Once you have clicked on registration you will be taken to the following screen:

Bloomberg INSTITUTE Sign Up Log In

Registration

First Name*

Last Name*

Email*

How Did You Hear About The BAT?

Already registered? [Login in here](#)

By Clicking The Create Account Button Below, I Represent And Agree That The Information I Have Provided Is Truthful And Accurate, And I Signify That I Have Read And Agree To The [Terms Of Service](#) And The [Privacy Policy](#).

Create Account

As you are a student of Auckland University and the Management and Consulting Club are running this event, please ensure you put the code **AUMCC** into this field

Once you have completed the registration form and clicked create account you will be emailed by Bloomberg to confirm your registration. After clicking on the registration confirmation link you will be prompted to set your password.

Bloomberg INSTITUTE Sign Up Log In

Set Password

Your password must be at least 8 characters in length and contain at least one letter and one number.

Password

Password Confirmation

Set Password

After setting your password you will need to login to your account with your username and password. Once logged in complete your profile by clicking on your name. This is important as potential employers may use this data to search for you. Once complete please click on Take the BAT at the top of the screen.

Bloomberg INSTITUTE Dashboard Subscribe **Take the BAT**

Then simply select the country where you will be taking the test. After selecting the country, a list of available sessions will be shown on your screen. Select the session and then click the green schedule button to register for the test.

The screenshot shows a web interface for selecting a test session. It features a table of sessions and a modal window for scheduling.

| Session ID | Country | Location | Date | Time | Availability | Notes |
|------------|-----------|--|--------------|------------------|---------------|-----------------------|
| 4 | Australia | Australian National University (ANU) | May 05, 2012 | 2:00pm — 5:00pm | Students only | Availability |
| 5 | Australia | University of Newcastle - Callaghan Campus (Uni. of Newcastle students only) | May 09, 2012 | 1:00pm — 4:00pm | Students only | Availability |
| 6 | | | | 3:00pm — 6:00pm | Students only | Availability |
| 7 | | | | 3:00pm — 6:00pm | Students only | Join the waiting list |
| 8 | | | | 10:00am — 1:00pm | Students only | Availability |
| 9 | Australia | Australian National University (ANU) | May 12, 2012 | 2:00pm — 5:00pm | Students only | Availability |

Schedule Test Session ✕

Test Schedule Summary
Country AU

Location Bloomberg Sydney Office

May 09, 2012
3:00pm — 6:00pm

Schedule

Please keep note of the date and time of your test session and remember no paper or calculators are allowed to be taken into the test room. Students are allowed to use the windows calculator ONLY and will be provided with writing materials on the day.

If you have any questions regarding the BAT please feel free to contact Nathan.jennison@bloomberginstitute.com

SAMPLE STUDENT RESULTS (page 1)

Registered users (e.g. employers, universities, etc.) may search the BAT database for candidates based on score performance and basic demographic data. As shown in the sample report below, a student's profile is anonymous and scores are based on relative rankings within peer groups.

Test History

BAT Score
74.39

Test Date
Oct 08, 2011

Candidate Information

Languages
English, Hindi

Undergraduate Education

Undergraduate Current Year
I have already graduated

University
Malaviya National Institute of Technology Jaipur (MNIT)

Area of Study
Engineering

Level
Graduated 2006

Graduate Education

Graduate Current Year
2nd Year

University
Indian Institute of Management, Shillong

Area of Study
Business/Management

Level
Graduated 2012

B0042127

Share Profile

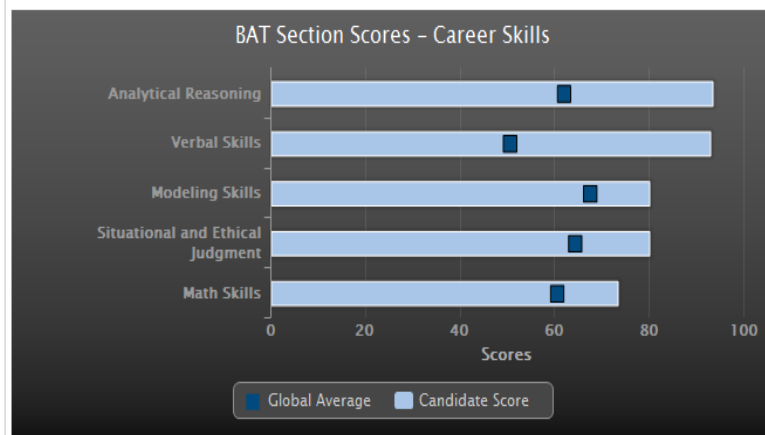
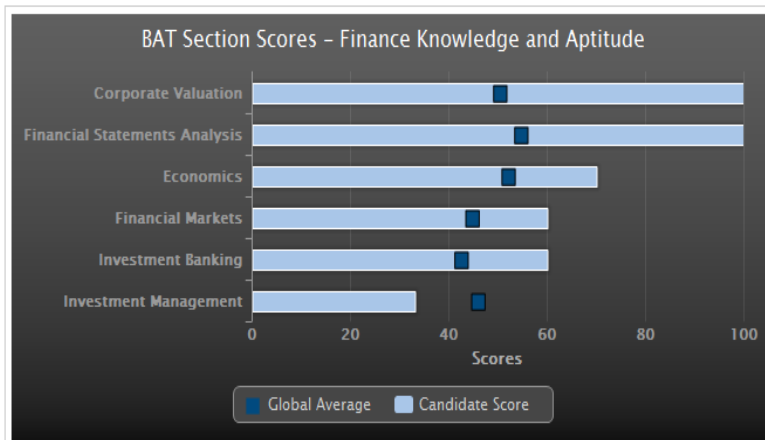
Connect

Detailed BAT Performance

BAT Section Scores

Score Distribution

Score Table



These graphs show the candidate score vs. overall average score by each section of the BAT for all

SAMPLE STUDENT RESULTS (page 2)

Test History

BAT Score
74.39

Test Date
Oct 08, 2011

Candidate Information

Languages
English, Hindi

Undergraduate Education

Undergraduate Current Year
I have already graduated

University
Malaviya National Institute of Technology Jaipur (MNIT)

Area of Study
Engineering

Level
Graduated 2006

Graduate Education

Graduate Current Year
2nd Year

University
Indian Institute of Management, Shillong

Area of Study
Business/Management

Level
Graduated 2012

B0042127

Share Profile

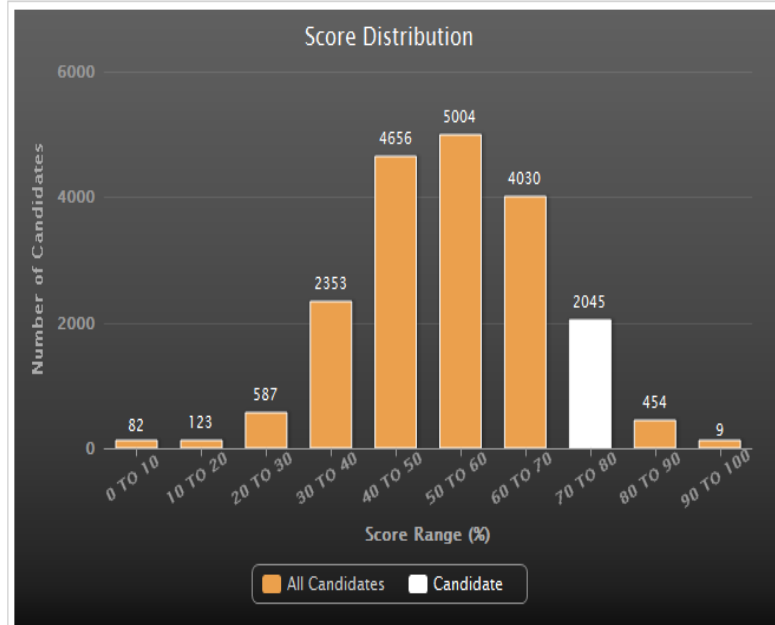
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Detailed BAT Performance

BAT Section Scores

Score Distribution

Score Table



This graph shows the distribution of all BAT test takers based on their overall score. This candidate's BAT Score is shown in comparison.

[Return to Search Results](#)

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**Bloomberg Assessment Test (BAT)
Sample Questions**

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Bloomberg Assessment Test - BAT

SAMPLE TEST QUESTIONS

I. Economics

You have just been transferred to Sydney and cover Australia and New Zealand on the sovereign research desk. Australia and New Zealand operate under a free trade agreement. No barriers to trade exist, and both currencies float. In this environment, an increase in expected inflation in New Zealand would most likely cause what effect?

Choose One Answer

- An increase in exports from New Zealand to Australia
- An increase in imports to New Zealand from Australia
- An increase in the New Zealand Dollar versus the Australian Dollar
- A decline in the New Zealand Dollar versus the Australian Dollar**

II. Financial Statements Reporting and Analysis

Pinnacle Entertainment is a gaming company with operations in the United States. As a result of increased competition and weakness in the Missouri market, the company took an impairment charge to write down the value of its three properties in the region. How will this charge be reflected on the cash flow statement?

Choose One Answer

- A use of cash from investing
- A use of cash from discontinued operations
- A source of cash from financing
- A source of cash from operations**

III. Valuation

As an investment banking analyst at Deutsche Bank, you are asked to perform a discounted cash flow analysis. Your associate provides you with the following information from the company's operating model and asks you to calculate the present value of the company's first five years of unlevered free cash flows assuming a 10% discount rate and a 40% tax rate.

| Fiscal Year (FY) | Projections (millions) | | | | |
|-------------------------------|------------------------|--------|--------|--------|--------|
| | FY+1 | FY+2 | FY+3 | FY+4 | FY+5 |
| Net Sales | €300.0 | €374.1 | €417.7 | €466.5 | €521.0 |
| EBITDA | 66.0 | 84.2 | 94.0 | 105.0 | 117.3 |
| Depreciation & Amortization | 10.0 | 12.5 | 15.0 | 17.5 | 20.0 |
| Capital Expenditures | 7.5 | 10.6 | 13.5 | 16.6 | 20.0 |
| Net Change in Working Capital | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

Choose One Answer

Which of the following is the present value of the company's free cash flows in millions?

- €168
- €179
- €201
- €242

IV. Investment Banking – Corporate Finance and Financial Advisory

As an investment banking analyst at HSBC, you are working on an M&A pitch for an upcoming client meeting. Your managing director feels the client is particularly sensitive to dilution and would not be interested in a transaction that was not accretive. Based on the information provided in the table, which of the following transactions would you recommend including in the presentation?

| | Acquiror | Target A | Target B |
|-------|----------|----------|----------|
| | <hr/> | | |
| | CNY | | |
| Price | 200.0 | 115.0 | 400.0 |
| | CNY | | |
| EPS | 10.60 | 6.00 | 9.50 |

Choose One Answer

- A 100% stock acquisition of Target A
- A 100% stock acquisition of Target B
- A 100% debt-financed, all cash acquisition of Target A (assuming a 5% after-tax cost of debt)**
- A 100% debt-financed, all cash acquisition of Target B (assuming a 5% after-tax cost of debt)

V. Investment Banking – Capital Markets Issuance / Syndication

A company wishes to finance its inventory which turns over six times per year. The CEO asks you which type of financing is most appropriate to finance inventory and other current assets such as receivables. What would you suggest?

Choose One Answer

- Revolving bank loan**
- 7 year senior note
- Mortgage note
- Preferred stock

VI. Global Markets

You are a junior treasury trader at JP Morgan. The yield curve is currently positively sloped, with the spread between the 2 year and 10 year treasuries at 100 basis points. Which of the following announcements by the Fed would most likely cause the 2s-10s spread to increase?

Choose One Answer

- Fed is raising short term interest rates to slow the economy
- Fed has changed its outlook from favorable to cautious regarding inflation
- Fed is buying 2 year notes in the open market**
- Fed is buying 10 year notes in the open market

VII. Investment Management

You are completing due diligence on a quantitative-trading (black box) hedge fund. Upon first glance, the returns of the hedge fund seem highly correlated with the returns for oil. What type of analysis can you do to ascertain how much of the hedge fund's returns are driven by investments in oil?

Choose One Answer

- Discounted cash flow analysis
- Histogram analysis
- Regression analysis**
- T-test analysis

VIII. Verbal

Read the passage below and answer the questions that follow.

*Source: "G-20 Should Mull Currencies Agreement, Niall Ferguson Says" by Brett Miller
Bloomberg.com, October 12th, 2010*

Group of 20 leaders meeting next month ought to discuss a plan to strengthen undervalued currencies, similar to the Plaza Accord in 1985, Harvard University historian Niall Ferguson said. "The real currency war is actually between Chimerica -- China plus America -- and the rest of the world," Ferguson said in an interview at the World Knowledge Forum in Seoul. "It would be much better to have some kind of Plaza-like international agreement and I very much hope that at the G-20 summit in Seoul next month this will be No.1 on the agenda." The Plaza Agreement reached in 1985 prompted a decline in the U.S. dollar against its Japanese and German counterparts.

Brazilian Finance Minister Guido Mantega said last month that a "currency war" was under way, in which economies are weakening currencies to support exports. At an International Monetary Fund meeting this month in Washington, finance chiefs failed to narrow differences over currencies, with China accused of undervaluing the yuan and low U.S. interest rates criticized for flooding emerging markets with cash.

"Currency appreciation is necessary," Ferguson said in the interview late yesterday. "If you insist on building up a vast horde of dollar-denominated reserves you will create distortions in the world economy that will ultimately come back and bite you." China doesn't need a dollar peg, because its workers are making enormous gains in productivity, he said.

The Harvard professor said there's a higher chance of "sub-par growth" among developed countries rather than a double-dip recession, with the U.S. and major industrialized economies "bumping along a lot closer to 2 percent per annum than they would like to be." Because developed economies have already used "massive" deficit spending and monetary easing to overcome the economic slump, "the idea that there is some additional ammunition in the locker to be fired again is completely misconceived," he said. The U.S. needs to come up with a plan to deal with its growing debt, Ferguson said. "The United States is in a fiscal hole of monumental proportions and we have to get real about this," he said. "At some point the Greek tragedy will happen to the United States if it carries on in this vein." There will be a move out of the world's "massive exposure" to U.S. Treasuries into higher-yielding assets at some point, Ferguson said, adding that the switch could be "quite sudden."

Many countries, including the U.S. and China, have implemented policies in an attempt to weaken their currencies. According to the point of view expressed in the article, what is the main goal of such policies?

Choose One Answer

- A country with an undervalued currency can channel liquidity into other countries in order to avoid an asset bubble in their own country.
 - A country lets its currency depreciate in order to generate higher-yielding assets to attract more direct investments from abroad.
 - **A country can depreciate its currency to make its products appear cheaper to international customers to increase its exports.**
 - A country prevents the appreciation of its currency in order to maintain the currency peg with another country and ensure smooth trade flows.
-

Why were low U.S. interest rates criticized at the recent International Monetary Fund meeting?

Choose One Answer

- Low U.S. interest rates have caused much concern over the possibility of hyperinflation in the United States and its ripple effects in the rest of the world.
- The dollar is undervalued because of the near-zero interest rates, which helps the U.S. exports but might create a trade deficit for the rest of the world.
- **Much of the excess liquidity generated by low interest rates in the United States has been invested in emerging countries where potential asset bubbles are a concern.**
- Some countries have stopped purchasing U.S. Treasuries because of low U.S. interest rates, which might cause significant depreciation of the U.S. dollar.

IX. Math

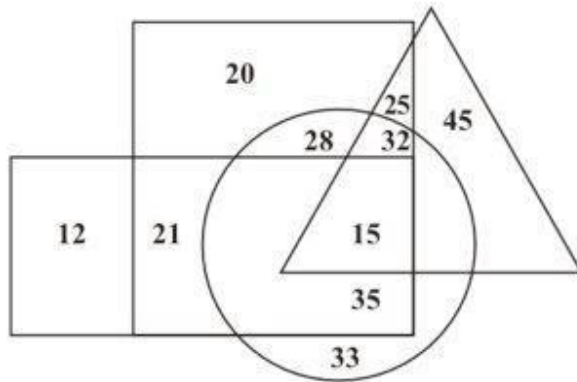
An office supply store sells boxes of erasers for \$2 each and boxes of pencils for \$3 each. In August, total sales were \$2,800. If customers bought 4 times as many boxes of pencils as boxes of erasers, how many boxes of each item did the store sell?

Choose One Answer

- Pencils = 200 boxes; erasers = 800 boxes
- Pencils = 800 boxes; erasers = 200 boxes**
- Pencils = 280 boxes; erasers = 70 boxes
- Pencils = 70 boxes; erasers = 280 boxes

X. Analytics

A market research firm conducted a study for the hotel industry on the food preferences of a sample population. The results of the study are shown in the following diagram.



1. The triangle represents those who like Chinese food.
2. The circle represents those who like Spanish food.
3. The square represents those who like Indian food.
4. The rectangle represents those who like Italian food.

The numbers given in the diagram represent the number of people preferring the various types of food.

If the total number of people who chose Spanish food is 150, how many people chose both Chinese food and Spanish food?

- 7
 - 10
 - 15
 - 24
-

Which is the LEAST preferred type of food?

- Chinese
- Spanish
- Indian
- **Italian**