



Tribhuvan University  
**Nepal Commerce Campus**

FM: 36  
Time: 2 Hrs

**Section A**

BBM Program  
Pre -Board Examination -2079  
BBM/Third Semester/ STT 211: Business Statistics

Candidates are required to give answers in their own words as far as practicable. The figures in the margin indicate full marks.

**Group " A "**

**Brief Answer Questions**

[4x2 =8]

- 1) In a given business venture a man can make a profit of Rs 1000 with probability 0.8 or suffer a loss of Rs. 400 with probability 0.2 Determine his expectation.
- 2) From the information given below find:
- which factory pays larger amount as daily wages?
  - what is the average daily wage for the workers of the two factories taken together?

	Factory A	Factory B
No. of wage expenses	250	200
Average daily wages	Rs 45	Rs 47.5

- 3) In a moderately asymmetrical frequency distribution mean is Rs 10 and its median is Rs. 8.50. If the coefficient of variance is 20 % , find the Pearsonian Coefficient of skewness of the distribution.
- 4) A sample of 100 light bulbs from a manufacturing lot had average life of 1416 hours with standard deviation of 30 hours  
Calculate standard Error and set up 90 % confidence limits (fiducial limits) for the true population mean.

**Group " B "**

**Short Answer Questions**

[4x3 = 12]

- 5) From the following distribution, find the most appropriate measure of dispersion

Wages	Below 25	25-29	30-34	35-39	40-44	Above 44
Frequency	5	5	22	25	17	9

- 6) The data below represents the amount of grams of carbohydrates in serving of breakfast Cereal.  
11 15 23 29 19 22 21 20 15 25 17  
Compute five number summary from the given data and construct box-whisker plot. Also comment on the shape of the distribution.

11 15 15 17 19 20 21 22 23 25 29

- 7) Students of a class are given a test. Their marks were normally distributed with mean 60 and standard deviation 5. What percentage of students scored?
- Less than 56 marks
  - Between 45 and 65 marks
  - Between 65 and 75 marks
- 8) A Sample of 100 students is taken from a large population. The mean height of these students is 66 inches and standard deviation 4 inches. Can it be reasonably be regarded that the population mean height of the students is 64 inches.

Group "C"

Comprehensive Answer Questions

[2X8=16]

- 9) From the data given below, state which series is more irregular in distributing of things?

Variable	10-20	20-30	30-40	40-50	50-60	60-70
Series A	10	18	32	40	22	18
Series B	18	22	40	32	29	10

- 10) The data on the sales and frequency of advertisement of the company available for the past 30 days were as follows:

Volumes of sales per day ( unit in thousands )	Frequency of Advertisement in Electronic Media/Day				
	0	2	4	6	8
0-5	2	-	-	-	-
5-10	-	4	5	3	4
10-15	-	-	-	4	6
15-20	-	-	-	-	2

- Is there any significant relationship between frequency of advertisement on electronic media on sales?
- Should be increase or decrease frequency of advertisement on electronic media to promote his sales.
- If he found relationship is significant. what will be his sales per day when the frequency of advertisement per day is 7?

$y$  on  $x$

$$y - \bar{y} = b_{yx} (x - \bar{x})$$





**Tribhuvan University**  
**Nepal Commerce Campus**  
**BBM Program**  
**Pre-Board Examination -2079**

FM: 36  
Time: 2 Hrs

BBM/Third Semester/ ACC 211: COMPUTER BASED FINANCIAL ACCOUNTANCY

*Candidates are required to give answers in their own words as far as practicable. The figures in the margin indicate full marks.*

**Attempt ALL questions**                      **Group 'A'**

**Brief Answers Questions.**

[1 X 3 =3]

1. What is relation between data and information?
2. Why is computer called an electronic device, not an electrical device?
3. How is conditional formatting different from Cell formatting in MS excel?

**Group 'B'**

**Short Answer Questions.**

[3 X 3 = 9]

4. How is manual and Computerized I.S. different from each other? Explain with some examples.
5. Explain about the second generation of computers.
6. What is the difference between the AND logic and OR logic while using them in Excel's conditional formulae?

**Group 'C'**

**Long Answer Questions.**

[2 X 6 = 12]

7. Explain about memory hierarchy with a diagram.
8. Explain the four system conversion strategies in detail.

**Group 'D'**

**Comprehensive Questions.**

[12 X 1 = 12]

9. Explain about the organizational information systems used in the three levels of management. Clearly explain each of their core functions and relationships with their upper and higher level information system.



Tribhuvan University  
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BBM Program  
**PRE BOARD EXAMINATION - 2079**

Full Marks: 60

Time: 3 hrs

Set 'A'

**THIRD SEMESTER / SOC 202: Nepalese Society and Politics**

*Candidates are required to give answers in their own words as far as practicable*

**Group "A"**

*Brief Answer Questions:*

*[6x1=6]*

1. Write any two major contributions of Narendra Dev.
2. List the name of current metropolitan cities of Nepal.
3. Differentiate between secondary and tertiary sector Development.
4. List the tributaries/ branches of Saptakoshi River.
5. Write any four roles of political parties.
6. Define demography with its components.

**Group "B"**

*Descriptive Answer Questions:*

*[6x3=18]*

7. 'Anshuvarma is known as the de-facto king of Lichchhavi period.' Justify.
8. What is economy? Mention the major differences between socialist and capitalist economy.
9. Define bio-diversity. Briefly discuss its importance.
10. What is HDI? State essential strategies for enhancing Human Development in Nepal.
11. State some major features of the constitution of Nepal 2072.
12. What is religion? How can religions harmony be maintained in Nepal.

**Group "C"**

*Analytical Answer Questions:*

*[4x6=24]*

13. What is migration? Discuss the opportunities and challenges of international migration in the context of Nepal.
14. What is tourism? Explain the scope of tourism in the socio-economic development of Nepal.
15. 'Commercialization in agriculture could be an important strategy for government to retain youths.' Give your opinion.
16. Discuss the role of politics in development of economy and business.



## Group "D"

*Comprehensive Answer Questions:*

*[4x3=12]*

17. Read the following case carefully and answer the questions that follow:

A study reported in 2001 discovered that relatively poor people give more generously to charity than those with greater wealth. The project, entitled "The Widow's Might: How Charities Depend on the Poor", was conducted by Beth Egan of the Social Market Foundation, who examined the contributions of over 1000 individuals to ten British charities. It was found that although richer people gave more money in absolute terms, this comprised a smaller proportion of their overall income than was the case for the poor: in other words, the lower a person's income, the more of their earnings they donated to charity. For example, those with an annual income of under £5000 gave away an average of 4.5% in donations, whereas for those with salaries of over £40,000, the figure was only 2%. The journalist Lucy Ward suggests that this challenges the assumption most of us hold that charities redistribute income from the rich to the poor: instead it would seem that charitable organizations rely upon those in relative poverty to support the neediest. Furthermore, there is a gender difference insofar as women are more likely to give to charity in general, but when men do contribute, they donate a higher proportion of their income. People born after 1950 were also found to be less generous in their donations than those born during or before World War II, which reveals an interesting shift in values between generations.

### *Questions:*

1. Why do you think people with less money would give more of it away to charity than those who have more?
2. What do the findings suggest about the way people in different social classes spend their disposable income?
3. Do you think that these poor people who gave generously were in absolute or relative poverty?
4. How might we explain the gendered patterns of donating behaviour?

*\* Best of Luck \**





**SECTION A**

**THIRD SEMESTER / ENG 213: Business Communication**

*Candidates are required to give answers in their own words as far as practicable. The figures in the margin indicate full marks.*

**Group "A"**

**Brief Answer Questions**

1. What does the two-handed handshake imply? [6X1=6]
2. How are status symbols non-verbal communication? Give examples of such symbols in the context of your country.
3. Write a difference between informal and formal letter.
4. What do you think is a brochure?
5. Give an example of neutral request.
6. Write any two structures of making offers.



**Short Answer Questions**

[6X3=18]

7. Complete the following sentences filling up appropriate linking words or phrases:
  - a. Everybody takes part in the dancing....., everybody except the musicians.
  - b. The town's traditional handicrafts depend on two materials, .....leather and silk.
  - c. Most of the interesting things take place on Saturday and Sunday. ...., a weekend is the best time for a visit.
8. Prepare one of your favourite recipes.
9. Write a newspaper report about an incident involving terrorists or freedom fighters.
10. What are different properties of effective presentation?
11. Mention different conversation strategy used for effective communication.
12. Put in an apostrophe where one is necessary in the following sentences:
  - a. Whats the sense in saying its Jacks?
  - b. She wont go to the dentists because its too late.
  - c. The womens changing room is opposite the mens.

**Group "C"**

**Long Answer Questions**

[4X6=24]

13. Write a letter to the concerned authority complaining about the dumping of garbage on the road sides of Kathmandu.
14. Write a review of a book you have read recently.
15. Prepare a holiday brochure to promote the business of a famous place that you have visited recently.
16. Write a letter of instructions for someone who is going to borrow your house or flat while you are away, but you will not be able to talk to them.



## Group "D"

### Case Analysis Questions

[12]

17. Read the following case carefully and answer the questions asked below:

Social media's popularity and influence is fast growing. Instead of depending on the traditional media for information and updates, people, especially teenagers are increasingly resorting to their favorite sites through computers, tablets or smart phones to immediately get latest news and status. Facebook, Twitter, or YouTube are allowing them to enjoy instant first-hand experience of the thrill, excitement or despair and richness of the event as a real spectacle taking place before them.

On the very first day of opening ceremony in "London Olympics -2012" about 10 million tweets were sent. The heavy transmission of social media disrupted the GPS device of London that interfered with the internet viewing of that day's men's cycling event. International Olympic Committee (IOC) had to ask viewers to "take it easy" while blogging at the game venue. It also laid down guidelines for social media usage among athletes and fans, requesting them to post in "a first person, diary-type format and like a journalist".

It is evident that social media is rapidly growing in its reach and influence. It is changing the ways athletes, fans and the organizers interact and communicate their experiences of the events without any intermediaries instantly across the world. Their thrill of instant connectivity through social media is certainly being enjoyed by the athletes and their fans.

But social media is a double-edged weapon which cuts two-ways. It gives global visibility and acclaim but it can also damage you world-wide. Voula Papachriston, the Greek triple-jumper became the first athlete in history to be banned from Olympics for posting a comment that was considered as a racist comment against African immigrants. Next to be thrown out was Swiss defender, Michel Morganella after he posted a blog following a defeat against South Korea in football which was thought to be "discriminating, insulting and violating the dignity of the South Korean football team and the people"

### Questions

- a. *What insights can you receive from the above case?*
- b. *Would you agree that social media should be used carefully because of its huge influence on people's way of thinking across the world? What care should be taken while using it as a social platform?*
- c. *In Nepal, political leaders, government officials, public figures, media persons, people from entertainment industries, etc. often become the subjects of criticisms for their controversial comments and posts in social media. Supply your suggestions to them as to how to use social media wisely as an expert of communication.*





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BBM Program  
Pre Board Examination -2079

FM: 60  
Time: 3 Hrs

**Section A**

**BBM/Third Semester/ FIN 211: BASIC FINANCE**

*Candidates are required to give answers in their own words as far as practicable. The figures in the margin indicate full marks.*

**Group - A**

**Brief Answer Question**

[6x1= 6]

1. What is financing decision?
2. What is risk?
3. What is primary market?
4. What do you mean by bond valuation?
5. Define is cost of capital.
6. What is financial ratio?

EBIT  
Interest

**Group – B**

**Descriptive Answer Question**

[6x3 =18]

7. Why value maximization goal is superior goal than the profit maximization goal? Explain.
8. Differentiate between money market and capital market
9. Explain the limitations of ratio analysis.
10. Given the following information for Soprano Pizza Company, calculate the depreciation expenses if sales = Rs. 210000; cost Rs. 1,00,000; addition to retained earnings = Rs. 40,000; dividend paid = Rs. 8,000; interest expenses = Rs. 12,000 and tax rate = 40 %.
11. ABC Company is experiencing a period of rapid growth. Earnings and dividends are expected to grow at a rate of 12 percentages during the next two years and a constant rate of 4% thereafter. Company's last year dividend was Rs. 3 and required rate of return on the stock is 15%. Calculate the value of stock today.
12. XYZ Corporation's bond will mature in 10 years. The bonds have a face value of Rs 1000; required rate of return is 11 percent and coupon rate is 8 percent paid annually. Calculate value of bond today and current yield.

**Group – C**

**Analytical Answer Question**

[4x6=24]

13. Assume that it is now January 1, 2012. The rate of inflation is expected to be 6 percent throughout 2012. The inflation rate is expected to be increased in the future. The investors expect the inflation rate to be 7 percent in 2013, 8 percent in 2014, and 9 percent in 2015. the real risk free rate ( $k^*$ ), currently is 3 percent. Assume that no maturity risk premium is required for 5-year or less maturity. The current interest rate of 5-yeras T-bond is 11 percent.
  - a. What is the average expected inflation rate over next 4 years?
  - b. What should be the prevailing interest rate on 4-years T-bond?
  - c. What is the implied expected inflation rate in 2015 or year 5, given that the yield on 5- years bond is 11 percent.
14. Assume it is now January 1, 2016. On January 1, 2017, you will deposit Rs. 1,000 into a saving account that pays 8 percent.
  - a. If the bank compounds interest annually, how much will you have on your account on January 1, 2020?
  - b. What would your January 1, 2020 balance be if the bank used quarterly compounding rather than annual compounding?



- c. Suppose you deposited the Rs. 1,000 in 4 payments of Rs. 250 each on January 1 of 2017, 2018, 2019 and 2020. How much would you have in your account on January 1, 2020 based on 8 percent annual compounding?
- d. Suppose you deposited 4 equal payments in your account on January 1 of 2017, 2018, 2019 and 2020. Assuming an 8 percentage interest rate, how large would each of your payment be for you to obtain the same ending balance as you calculated in part (a) ?
15. Garment Export Inc. has Rs. 500,000 of debt outstanding, and it pays an interest rate of 12 percent annually. Corporation's annual sales are Rs. 2000000 its average tax rate is 25 percent; and its net profit margin on sales is 3 percent. If the corporation does not maintain a TIE ratio of at least 4 times, its bank will refuse to renew the loan, and bankruptcy will result.
- a. What is corporation's Time Interest Earned (TIE) ratio?
- b. Calculate percentage increase in net profit to renew the loan.
16. Calculate the weighted average cost of capital of the Bhairahawa Textile Company from the given data. Assume the corporate tax rate is 30 percent.
- Debt: 500, 8 percent bonds outstanding, Rs. 1,000 par value, 20 years maturity, selling at 105 percent of face value.
- Preferred stock: 2,000, 12 percent preferred stock outstanding, Rs. 100 par value, selling at Rs. 108.
- Common stock: 6,000 shares, selling at Rs. 45, the beta is 1.20, market risk premium is 8 percent, and risk free rate is 6 percent.

### Group – D

#### Comprehensive Answer Question

[12]

17. Assume that you recently graduated with major in finance an you just landed a job as a financial planner with Delphi Investment Company a large financial services company. Your first assignment is to investment Rs 100000 for a client. You are provided following information about the firm A and B

State of Economy	Probability	Return of firm X	Return of firm Y
Recession	0.3	5%	25
Average	0.4	10%	15%
Boom	0.3	15%	5%

- a. Define expected return and risk.
- b. Calculate the expected return of each firm. Which firm is appropriate for investment?
- c. Compute the standard deviation and the coefficient of variation each firm. Which stock is more risky?
- d. What is the covariance between the return of two stocks.
- e. Calculate the expected return and standard deviation of portfolio. If 60 percent fund is invested in stock X and 40 percent fund is invested in stock Y. Are you able to minimize risk by forming the portfolio?
- f. Which investment stock X, stock Y or portfolio would you prefer? Why?

$$R_p = w_X R_X + w_Y R_Y$$