

GOVERNMENT COLLEGE UNIVERSITY, FAISALABAD**B.Com****Part 1st****Annual 2016**Course Code: **BCO-A11**Course Title: **Business Statistics & Mathematics**

Time Allowed: 03:00 Hours

Maximum Marks: 100

Pass Marks: 40%

Note: Attempt any five questions. All questions carry equal marks. Attempt at least two questions from each section.

Section- 1**Q No. 1** The height of college students are given below:-

Height	57 - 59	60 -62	63 -65	66 -68	69 -71	72 -74
No. of students	8	15	27	18	19	3

- (a) Calculate Geometric mean.
 (b) Draw a Histogram.
 (c) Calculate Variance and Coefficient of Skewness.

Q No. 2 (a) The price of wheat is given below. Compute the chain indices using 1991 as base year:-

Year	1991	1992	1993	1994	1995	1996	1997	1998
Price	112	124	130	160	160	172	240	240

(b) Find out the regression equation Y on X and correlation for the following data.

X	100	150	200	250	300
Y	155	175	215	235	265

Q No. 3(a) An integer is chosen at random from first 100 integers. Find the probability that the integer is divisible by 8 or 12.**(b)** A sample of size 3 is to be selected without replacement from a population 0, 3, 6, 9 and 12. Find the sampling distribution of the mean. Also calculate mean and variance of the distribution and verify the results.**Q No. 4 (a)** Define sampling. What are its main advantages?**(b)** The results of the use of two drugs of a disease are as follows:-

	Recovered	No Change	Died
Drug A	40	18	12
Drug B	50	8	7

Test the association by using Chi- Square Test.

Section 2**Q No.5 (a)** Obtain the sum of all first 1000 integers which is neither divisible by 2 nor 5.**(b)** Find three consecutive numbers in G. P. whose sum is 26 and their product is 216.**Q No. 6 (a)** Find the compound interest on Rs.27000 for 4 years at 5 % per annum.**(b)** Solve the system of equations with the help of matrices

$$2X + Y + Z = 1$$

$$X - 2Y - 3Z = 1$$

$$3X + 2Y + 4Z = 5$$

Q No. 7 (a) Find two numbers with sum equal to 16 and product is 60.**(b)** Solve the following equation

$$X^2 + 15X = 50$$

Q No. 8(a) On a cut price shop, the price of book was Rs. 450 which is 30% less of the original price. Find the original price.**(b)** Solve the set of equations

$$X + 2Y = 11, \quad 2X - 3Y = 18$$

GOVERNMENT COLLEGE UNIVERSITY, FAISALABAD**B.Com.****Part 1st**

Annual 2016

Course Code: **BCO-A12**Course Title: **Computer Applications in Business**

Time Allowed: 03:00 Hours

Maximum Marks: 100

Pass Marks: 40%

Note: Attempt any five questions. All questions carry equal marks.**Q. No. 1**

- a) Write a note on CPU. Also discuss the functionality of major parts of CPU. (10)
- b) Write note on following types of computers. (10)
- (i) Analog Computers. (ii) Digital Computers (iii) Hybrid Computers

Q. No. 2

- a) Different types of computer memories are used to store the data. Write a note on Cache Memory. What is its purpose? (10)
- b) Differentiate between Primary storage and Secondary storage. (10)

Q. No. 3

Define Data Communication. What are the basic elements of Data Communication? (20)

Q. No. 4

What is meant by booting process of a computer? What are different steps of booting a computer? (20)

Q. No. 5

- a) What is computer Network? Write major advantages computer network. (10)
- b) Differentiate between Peer-to-Peer network and Client-Server network. (10)

Q. No. 6

- a) What is meant by data processing? Write a note on data processing lifecycle. (10)
- b) Write the advantages of data processing in business organizations. (10)

Q. No. 7

Define computer languages. What is difference between procedural and object-oriented languages? (20)

Q. No. 8

- a) What is an internet? What services are provided by internet. (10)
- a) Write a note on search engines. Write at least three popular search engines. (10)

GOVERNMENT COLLEGE UNIVERSITY, FAISALABAD**B.Com.****Part 1st**

Annual 2016

Course Code: **BCO-A13**Course Title: **Economics**

Time Allowed: 03:00 Hours

Maximum Marks: 100

Pass Marks: 40%

Note: Attempt any five questions. All questions carry equal marks.

Q.No.1: Critically examine Marshall's definition of Economics? (20)

Q No.2: Explain consumer's equilibrium with the help of Indifference curve and budget line? (20)

Q.No.3: Explain the difference between the following terms:
 i. Contraction in quantity demanded and fall in demand
 ii. Extension in quantity demanded and Rise in demand (10+10)

Q.No.4: Define elasticity of demand. How is it measured? (5+15)

Q.No.5: What is perfect competition? Explain firm's equilibrium under perfect competition in the short run? (4+16)

Q.No.6: State and explain the Marginal productivity theory of distribution with the help of schedule and diagram? (20)

Q.No.7: Define national income and explain the any two methods used for the estimation of national income? (5+15)

Q.No.8: If $Q_d = 5 - P^2$ and $Q_s = 2P - 3$ are demand and supply functions respectively. Then, find Elasticity of demand and Elasticity of supply at equilibrium price and equilibrium quantity. (10+10)

GOVERNMENT COLLEGE UNIVERSITY, FAISALABAD**B.Com****Part 1st****Annual 2016****Course Code: BCO-A14****Course Title: Financial Accounting****Time Allowed: 03:00 Hours****Maximum Marks: 100****Pass Marks: 40%****Note: Attempt any five questions. All questions carry equal marks.**

Question # 1 A sold goods to B for Rs. 50, 000 and drew on B a bill for the amount at 3 months. A endorsed the bill to his creditor C. C endorsed it to his creditor D. D got the bill discounted by his bank at 12% p.a. On maturity, the bill is dishonored and bank pays Rs. 50 for noting charges. Pass entries in the books of A, B, C, D.

Question # 2 On 31st March, 2011, the Cash Book of Mr. Aqeel shows Rs.33, 436 as bank balance. But it does not agree with the balance as shown by the Pass Book. On comparison, you Find the following discrepancies:

- (1) The payment side of the cash book was under cast by Rs. 400.
- (2) A cheque issued for Rs: 524 on 25 th March, was recorded in the cash column of the cash book.
- (3) A cheque of Rs. 600 deposited was recorded in the cash column of the cash book.
- (4) On 20th March, the debit balance of Rs. 6, 104 as on the previous day was brought forward as credit balance.
- (5) Of the total cheques amounting Rs. 46, 056 drawn in the last week of March 2011, cheque totaling Rs. 31, 260 encashed in March.
- (6) Dividend of Rs. 1, 000 collected by the bank was not entered in the cash book.
- (7) Trade subscription of Rs. 400 paid by the bank was not recorded in the cash book.
- (8) One outgoing cheque for Rs. 1, 400 was recorded twice in the cash book.

Prepare a Bank Reconciliation Statement with the help of revised cash book as at 31 st March, 2011.

Question # 3 In taking out the Trial Balance the accountant finds that the total of the credit side exceeds that of debit side by Rs.2,410. He places the difference to a suspense account subsequently detects the following mistakes:

- (i) Stationary purchased for Rs. 890 but debited to stationary account as Rs. 980.
 - (ii) A sum of Rs. 650 received from Alain was credited twice in his account.
 - (iii) Wages Rs. 250 paid to installing a machine were debited to wages account as Rs. 520.
 - (iv) A sale of Rs. 350 was entered in the purchase book as Rs. 530 but customer's account was correctly debited with Rs. 350.
 - (v) A sale of Rs. 1, 000 to Fawad was credited to his account twice.
 - (vi) Old furniture sold for Rs. 6,000 was passed through sale book.
- Give the rectifying entries and prepare the suspense account.

Question # 4 Enter five imaginary transactions in Journal, post them in ledger and prepare trial balance.

Question # 5 Write short notes on:

- (i) Cash discount and trade discount.
- (ii) Fixed installment method and Diminishing balance method of depreciation.
- (iii) Work sheet and income statement.
- (iv) Capital expenditures and revenue expenditures.

Question # 6 Ali and Babar are partners in a firm sharing profits and losses as Ali 3/4 and Babar 1/4 on January, 2011 their position was as given below;

Assets	Rs	Liabilities	Rs
Plant	80, 000	Capital Accounts:	
Stock	20, 000	Ali	100, 000
Debtors	60, 000	Babar	60, 000
Cash at bank	40, 000	Sundry creditors	40,000
	200, 000		200, 000

P-T-0

Usman is now to join the partnership. He agrees to pay the partners Rs. 40,000 by way of goodwill and introduce 3/5 of the combined capital of the two existing partners after depreciating plant and stock at 20% and 10% respectively and raising a reserve of 10% against sundry debtors. The new partner is to be allowed 1/4th share of the profits of the firm.

You are asked to record the above transactions in the books of the firm and give the resultant Balance sheet of the new firm.

Question # 7 The following are the assets and liabilities of Mr. Qaiser at the end and beginning of the year 2011, under single entry system

	As at 31 st Dec 2011	As at 1 st Jan 2011
Land and building	58,800	60,000
Plant and Machinery	120,000	96,000
Furniture and fixtures	16,200	16,000
Stock in trade	56,000	30,000
Sundry debtors	310,000	280,000
Sundry creditors	150,000	145,000
Loan from bank	100,000	120,000
Other outstanding liabilities	80,000	90,000
Cash at bank	32,000	36,000

During the year Mr. Qaiser had withdrawn Rs. 6,000 in cash and Rs. 3,000 in goods from the business. He had also introduced Rs.100,000 as additional capital. A machine book value Rs. 25,000 had been sold during the year for Rs. 30,000 and new machine costing Rs.58,000 was purchased in replacement. New furniture costing Rs.2,000 was purchased during the year. Prepare a statement of profit and loss for the year ended December 31 2011

Question # 8 From the following Trail Balance and adjustments, you are required to prepare Trading and Profit and Loss Account for the year ended 31st December, 2011 and a Balance Sheet as on 31.12.2011.

Debit Balances	Rs.	Credit Balances	Rs
Cash at bank	31,800	Capital	420,000
Cash in hand	4,800	Sundry creditors	60,000
Closing stock	180,000	Bills payable	30,000
Plant and machinery	450,000	Sales	1,390,200
Bills receivable	30,000	Provision for bad debts	2,100
Sundry debtors	303,600	Reserve	120,000
Purchases (adjusted)	540,000		
Buildings	300,000		
Salaries	66,000		
Wages	86,400		
Postage & telegrams	4,500		
Carriage inward	4,500		
Bad debts	5,700		
Carriage outward	6,000		
General expenses	9,000		

Adjustments:

- Salaries unpaid Rs. 54,000
- Charge 5% interest on capital
- Raise Bad debts provision to 2.5% of debtors
- Transfer 2.5% of net profit to reserve a/c
- It was discovered in January 2011 that the stock on 31 st December, 2010 was over cast by Rs. 6,000.

GOVERNMENT COLLEGE UNIVERSITY, FAISALABAD**B.Com.****Part 1st**

Annual 2016

Course Code: **BCO-A15**Course Title: **Functional English**

Time Allowed: 03:00 Hours

Maximum Marks: 100

Pass Marks: 40%

Note: Attempt any five questions. Three questions from Section A and Two question from section B. All Question carry equal marks.

SECTION A**Q.1- (a): Give short answers to the following questions: (10, 10)**

- i- What kind of sentence would one use to make a request? Give example.
- ii- What is compound sentence? Give example.
- iii- Define adverb of frequency and give an example.
- iv- Define the structure of a third conditional sentence and give an example.
- v- Define predicate. Give example.

(b) Do as directed:

- i- Seeing is believing. (Point out mood)
- ii- He slept well the whole night. (point out adverb)
- iii- Her hand writing is good. (Change the adjective into adverb)
- iv- His friendly behavior pleased me. (change the adjective into abstract noun)
- v- Where there is a will, there is a way. (what is there in grammar?)

Q. 2- (A) Change the number of the following: (5,5,5,5)

- (i) Commanders-in-chief (ii) Handkerchief (iii) a people (iv) Passer-by (v) Stepson

(B) Change the gender:

- (i) manager (ii) baron (iii) ox (iv) Sultan (v) heir

(C) Give antonyms:

- (i) grant (ii) follow (iii) noisy (iv) summary (v) passionate

(D) Convert the following into nouns:

- (i) gay (ii) remove (iii) share (iv) classify (v) long

Q. 3- (A) Fill in the blanks with suitable prepositions: (5,5,10)

- i- You should stick ----- your principles.
- ii- She leaned ----- the wall.
- iii- the cat jumped ----- the wall.
- iv- We are looking forward ----- your arrival.
- v- She is good ----- English.

(B) Supply the correct form of verb:

- i- Contact me when you (come) back.
- ii- If they asked, I (provide) them the information.
- iii- I just (arrive) here.
- iv- He (come) to see you yesterday?
- v- The higher we (go), the cooler it was.

(C) Change the narration:

- i- He said, "Can you help me?"
- ii- She said, "How is it possible?"
- iii- They have asked me to guide them in case of emergency.
- iv- The people shouted, "Long live Pakistan!"
- v- The headmaster said to his colleagues, "Could you please provide me your reports by tomorrow?"

Q. 4- (A) Change the voice: (10,5,5)

- i- The thieves were arrested.
- ii- It is time to leave for station.
- iii- He has married her after his heart.
- iv- He lent me a book for a month.
- v- How long have you taken exercise?

(P-T-O)

(b) Give one for the following expressions:

- i- a style marked with excessive use of words
- ii- persons or animals having the characteristics of both sexes
- iii- to make unlawful intrusion on
- iv- a man who thinks only of himself
- v- system of writing or printing for the blind

(C) Give articles if needed:

- i- He studies in ----- University.
- ii- Is he at ----- home?
- iii- Iqbal is regarded as ----- Poet of the East.
- iv- He is growing ----- weaker and weaker.
- v- Honesty pays in ----- long run.

Q. 5- (A) What is a clause? Give kinds and examples of clause. (10,5,5)

(B) Name the parts of speech in the following sentence:

All that glitters is not gold.

(C) Fill in the blanks with correct words:

- i- You should ----- your nails fortnightly. (pare, pair)
- ii- He ----- a verse from the Holy Quran. (Cite, Site)
- iii- Keats was an ----- poet. (imaginary, imaginative)
- iv- Her ----- was injured. (heal, heel)
- v- He works in the university as an ----- teacher. (honorable, honorary)

SECTION B

Q.6- What is a precise? How can we write a good précis? 20

Q. 7- Read the following passage and answer the questions at the end. 20

Most of us enjoy a detective story at times, partly because we like to watch the unraveling of tangled mystery, partly because the study of crime is fascinating. We like to hear the detective how he discovered the clue, how he deduced thing or that and how he pieced the whole story together like a jigsaw puzzle. Sherlock Holme was the first popular detective in English fiction. All detectives are very keen observers. Sherlock Holme could tell a man's trade or occupation by looking. A detective must be able to reason quickly and accurately: he must see with his mental as well as physical eye. All detectives talk about deducing things. Sherlock Holmes used to 'deduce' a man's character by an examination of his watch, his walking stick or his hat. His idea was that every criminal leaves behind a number of traces of his crime. It is the detective's business to notice and interpret them. He must start with given facts or clues and reason backward. The exercise requires the same sort of reasoning that a boy uses to solve a mathematical problem.

- i- Why are detective stories popular?
- ii- What are the qualities of a good detective?
- iii- How did Sherlock Holmes study crime?
- iv- Suggest a suitable title for the passage and make a precise of it.

Q. 8- Write an essay (250-300 words) on any one of the following topics: (20)

- a- Energy Crisis
- b- Inflation
- c- Corruption
- d- An International Cricket Match

GOVERNMENT COLLEGE UNIVERSITY, FAISALABAD

B.Com

Course Code: **BCO-A16**

Time Allowed: 03:00 Hours

Part 1st

Course Title: **Introduction To Business**

Maximum Marks: 100

Annual 2016

Pass Marks: 40%

Note: Attempt any five questions. All questions carry equal marks.

1. Define business. Discuss the different objectives of business.
2. Define sole proprietorship. Discuss merits and demerits of sole proprietorship.
3. Define partnership. Discuss the various rights, duties and liabilities of partners under the partnership act. 1932.
4. What is meant by Joint Stock Company? Discuss the procedure of formation of Joint Stock Company.
5. Define channel of distribution. Explain the points which effect the selection of distribution channel.
6. Define co-operative society. Discuss its merits and demerits in detail.
7. What is marketing? Discuss the functions of Marketing in detail.
8. Define Stock Exchange. Discuss the functions of Stock Exchange.

GOVERNMENT COLLEGE UNIVERSITY, FAISALABAD

B.Com

Part 1st

Annual 2016

Course Code: **BCO-A17**

Course Title: **Money Banking & Finance**

Time Allowed: 03:00 Hours

Maximum Marks: 100

Pass Marks: 40%

Note: Attempt any five questions. All questions carry equal marks.

- Q #1 Define a bank and discuss importance of banks in modern economies.
- Q #2 What is a central bank? Discuss important functions of a central bank.
- Q #3 Define a letter of credit. What are advantages and disadvantages of a letter of credit.
- Q #4 Define inflation. Discuss important causes of inflation in Pakistan.
- Q #5 What is money? Explain various functions of money.
- Q #6 Define a trade cycle? Explain different phases of a trade cycle
- Q #7 What is privatization of banking? Discuss advantages and disadvantages of privatization of banks in Pakistan.
- Q #8 What is business finance? Explain various sources of business finance.

GOVERNMENT COLLEGE UNIVERSITY, FAISALABAD

B.Com

Part 1st

Annual 2016

Course Code: **BCO-A18**Course Title: **Islamic Studies / (Ethical behavior for Non-Muslim)**

Time Allowed: 02:00 Hours

Maximum Marks: **60**

Pass Marks: 40%

Note: - Attempt all questions.

- س: درج ذیل سوالات میں سے 6 کے مختصر جوابات تحریر کریں
- غاصر کہاں واقع ہے۔
 - قرآن مجید کی کل کتنی آیات ہیں۔
 - حدیث کی تین اقسام لکھیں۔
 - صحیح بخاری کس کی تصنیف ہے۔
 - مقائد اسلام کی تعداد لکھیں۔
 - متقین سے کون توگ مراد ہیں۔
 - الصلوة عماد الدین کا ترجمہ لکھیں
- س: قرآنی آیات میں سے ایک کا ترجمہ و تشریح لکھیں
- وَلِلّٰهِ مَا فِي السَّمٰوٰتِ وَمَا فِي الْاَرْضِ (ب) لَقَدْ كَانَ نَكْمٌ فِي رَسُوْلِ اللّٰهِ اَشُوْهُ حَسَنَةً
- س: درج ذیل احادیث میں سے ایک کا ترجمہ و تشریح لکھیں
- اَلَا خَيْرٌ لَّكُمْ مِّنْ تَعْلَمُوْا اَلَوْ اَنْ وَعَلَّمَهُ (ب) اِنَّمَا الْاَعْمَالُ بِالنِّيَّاتِ
- س: ارکان اسلام پر نوٹ لکھیں یا اسلامی تہذیب کی خصوصیات بیان کریں
- س: آپ کی ملکی زندگی کے حالات بیان کریں یا
- ہجرت مدینہ کے اسباب و اوقات اور نتائج بیان کریں
- ETHICS (اخلاقیات)** (غیر مسلم طلباء کے لئے) کوئی سے 3 سوالوں کے جوابات دیں
- س: مسیحیت کی اخلاقی تعلیمات کی وضاحت کریں
- س: حضرت عیسیٰ علیہ السلام کے حالات زندگی بیان کریں
- س: اسلامی ریاست میں اقلیتوں کے کیا حقوق ہیں
- س: الیہامی مریب امن و امان کا درس دیتے ہیں وضاحت کریں
- س: اخلاقی تعلیمات کا مریب سے کیا تعلق ہے