



UNIVERSITY OF THE PUNJAB

PART – I A/2015
Examination:- B. Com.

Roll No.

Subject: Business Statistics & Mathematics
PAPER: BC-301

TIME ALLOWED: 3 hrs.
MAX. MARKS: 100

NOTE: Attempt any FIVE questions using proper method. All questions carry equal marks. Attempt at least TWO questions from each section.

SECTION-I

Q.1 Compute Arithmetic Mean, Median, Variance and Pearson's Coefficient of Skewness.

Monthly income Rs.	No of families	Monthly income Rs.	No of families
110 – 119	2	160 – 169	18
120 – 129	4	170 – 179	13
130 – 139	17	180 – 189	6
140 – 149	28	190 – 199	5
150 – 159	25	200 – 209	2

Q.2

- (a) Two coins are tossed. Show that the probability of getting at least one head is $\frac{3}{4}$.
(b) The results of the use of two drugs in the treatment of a certain disease are as follows:

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

Test association using chi-square statistic. Tabulated value of chi-square for 2 degree of freedom at 5% level of significance is 5.99.

Q.3 From the following data, compute index number for 2003, taking the price of 2002 as the base.

Use Laspeyre's, Paasche's, Marshall's and Fisher's formulae.

Years	A		B		C		D		E	
	Price	Qty.	Price	Qty.	Price	Qty.	Price	Qty.	Price	Qty.
2002	9	10	6	80	3	17	9	20	6	30
2003	11	5	9	100	2	20	7	15	8	40

Q.4 A population consists of six numbers 3, 6, 9, 12, 15 and 18. Consider all possible samples of size $n = 2$, which can be drawn without replacement from this population. Calculate:

- The Mean of population.
- The Standard Deviation of population.
- The Mean of the sampling distribution of means.
- The standard error

SECTION – II

Q.5 The matrices A and B are given as follows:

$$A = \begin{pmatrix} 13 & 2 & -6 \\ -3 & 9 & 0 \\ 8 & 4 & -1 \end{pmatrix} \quad \text{and} \quad B = \begin{pmatrix} 11 & -2 & 6 \\ 9 & -14 & 3 \\ -4 & 8 & 5 \end{pmatrix}$$

Obtain: (i) $A + 2B$ (ii) $3A - 4B$ (iii) AB

Q.6 (a) Solve the following simultaneous equations:

$$\frac{2}{x} + \frac{3}{y} = 2$$

$$\frac{8}{x} + \frac{9}{y} = 7$$

(b) If a car traveled 5 kilometers an hour faster it would take one hour less to travel 210 kilometers. What is the speed of the car and what time does it take.

Q.7 A drilling company contracted to drill a well at a cost of Rs. 30 for the first foot, Rs.35 for the second foot, Rs. 40 for the third foot and so on. How deep a well can be drilled for Rs. 3,075.

Q.8 Mr. Ahmed deposits Rs. 500 at the end of each quarter. So, as to accumulate a sum of Rs.10,000 to purchase a refrigerator. If the interest rate is 5% per annum, compounded quarterly. How many such quarterly deposits he will have to make.



UNIVERSITY OF THE PUNJAB

PART – I A/2015
Examination:- B. Com.

Roll No.

Subject: Computer Application in Business
PAPER: BC-302

TIME ALLOWED: 3 hrs.
MAX. MARKS: 100

Instruction: Attempt any FIVE questions. All questions carry equal marks. Extra attempt of any question will not be considered.

- 1- Differentiate Analog computers with Digital Computer.
- 2- Explain the basic architecture of computer with the help of diagram.
- 3- What are different output devices? Discuss in detail.
- 4- Discuss important features of MS-Word with examples.
- 5- Define software. Discuss different system software with examples.
- 6- Define network. Explain network topologies with the help of diagram.
- 7- Explain three levels of data processing with relevant examples.
- 8- Write comprehensive note on followings.
 - a) Database Server
 - b) Desktop properties



UNIVERSITY OF THE PUNJAB

PART – I A/2015
Examination:- B. Com.

Roll No.

TIME ALLOWED: 3 hrs.
MAX. MARKS: 100

Subject: Economics
PAPER: BC-303

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

- Q. # 1: Critically examine Robbin's definition of Economics. (20)
- Q. # 2: Explain and illustrate the law of Equi-Marginal utility. Point out its practical significance. (20)
- Q. # 3: Give the practical importance of Elasticity of demand. What are the determinants of elasticity of demand? (20)
- Q. # 4: Define Monopoly. How is price and output determined under monopoly? (20)
- Q. # 5: Explain the modern theory of factor pricing and criticize it. (20)
- Q. # 6: Define National Income. How can it be computed? (20)
- Q. # 7: Discuss the impact of Zakat on production and distribution. (20)
- Q. # 8: The total revenue function is given: (20)

$$TR = 12Q - Q^2$$

- (a) Find AR
- (b) Find MR
- (c) Find slope of MR
- (d) Find slope of AR



UNIVERSITY OF THE PUNJAB

PART – I A/2015
Examination:- B. Com.

Roll No.

Subject: Financial Accounting
PAPER: BC-304

TIME ALLOWED: 3 hrs.
MAX. MARKS: 100

NOTE: Attempt any FIVE questions. All questions carry equal marks.

Q. # 1: Ali, Murtaza and Mujtaba are the debtors and creditors of each other. They drew the bills in the following manner.

- Ali drew on Murtaza for Rs. 15000 and on Mujtaba Rs. 12000.
- Murtaza drew on Ali for Rs. 18000 and on Mujtaba Rs. 30000.
- Mujtaba drew on Ali for Rs. 24000 and on Murtaza Rs. 12000.

All the bills were discounted at 10%. All the bills were paid on due date. Show entries in the books of Ali, Murtaza and Mujtaba.

Q. # 2: From the following particulars prepare the bank reconciliation statement of Mr. Mujtaba Rehan at 31st October 2014.

- Bank overdraft as per cash book Rs. 3500.
- Cheques issued but not encased during the year Rs. 2200.
- Cheques deposited but not credited by the bank during the year Rs. 660.
- Bank charges not recorded in the cash book Rs. 150.
- Cheques deposited as per bank statement not entered in the cash book Rs. 950.
- Interest charged by the bank recorded twice in the cash book Rs. 450.
- Club dues of Mr. Mujtaba paid by bank as per standing instruction not recorded in the cash book Rs. 100.
- Cheques issued by Mr. Mujtaba dishonored Rs. 1200.

Q. # 3: The following trial balance is extracted from the books of Behzad and co on 31st March 2014. You are required to prepare trading and profit and loss a/c and balance sheet as on that date:

Details	Debit (Rs.)	Credit (Rs.)
Drawings	30000	
Capital		372000
Purchases and purchases return	450600	1800
Stock on 1.4 2013	138000	
Cash in hand	10380	
Bank balance	67800	
Plant and machinery	115800	
General expenses	2520	
Printing charges	4920	
Accounting fee	840	
Commission		9900
Investment purchased on 1.4 2013 @10%	12000	
Interest received on investment		600
Sundry debtors and creditors	108000	89010
Wages	75000	
Salaries	42000	
Income tax	4800	
Discount allowed and received	18900	13800
Sales returns and sales	1650	626850
Bill receivable	9600	
Furniture	9150	
Rent and rates	12000	
	1113960	1113960

The following adjustments are to be made:

- Charge interest on capital at 5% p.a and 3% on drawings.
- Stock on 31.3.2005 is Rs. 156000.
- Provide Rs. 15000 for wages.
- Accrued rent is Rs. 1500.
- Charge 5% depreciation on plant and machinery and 10% furniture.
- Insurance to the amount of Rs. 600 relates to next year.

Q. # 4: A trader by preparing his trial balance found Rs. 780 excess debit and transferred it to the suspense a/c. later he found the following errors:

- The total of the sales book Rs. 3480 had not been posted to the sales A/c.
- Sales of old furniture for Rs. 2400 were entered in the sales book.
- Commission a/c balance (Dr.) rs. 2430 was not transferred to the trial balance.
- Purchase made from Ali stores for Rs 2250 had been forgotten to enter in the books.
- Cash paid to Rehan Rs 3520 was posted to his a/c as Rs. 3250.

(P.T.O.)

F. Goods sold to A for Rs. 1250 posted in B's account.

Pass the journal entries to rectify them and prepare the suspense account. Also show the effects on profit. Before rectification of errors the profit was Rs. 53790.

Q. # 5: Murtaza is not writing his books properly. From the following information prepare a statement showing profit and loss and statement of affairs for the year ending 30th June 2014.

Details	1-7-2013	30-6-2014
Cash in hand	900	2800
Debtors	22800	21400
Creditors	31200	28400
Stock	33400	37400
Bill receivables	30500	28800
Bank overdraft	40800	39200
Motor van	4200	4200
Furniture	3400	3400

Drawings Rs. 4800, depreciate furniture @10%. Write off Rs. 800 on motor van. Provide Rs. 1000 as bad debts and 5% as reserve on debtors. Provide reserve of Rs. 1600 on bill receivables.

Q. # 6: The following is the receipts and payment of Murtaza foundation hospital for the year ending 31st December 2014.

Details	Rs.	Details	Rs.
Opening balances:		Payments:	
Cash	500	Furniture purchased	100
Bank	8000	Salaries	23000
Govt. securities	180000	Instruments Purchased	500
		Diet expenses	2000
Receipts:		Surgery and dispensary	1000
Subscription	25000	Rent and taxes	500
		Insurance	200
Interest	9000	Office expenses	700
Donation for charity fund	4000	Miscellaneous expenses	100
Miscellaneous	300	Closing balances:	
		Bank	18000
		Cash	700
		Govt. securities	180000
	226800		226800

Requirement:

You are asked to prepare the income and expenditure account for the year and the balance sheet as on 31st December 2014. The other assets on 1st January 2014 were: Furniture Rs. 2000; Land, Rs. 50000; building Rs. 150000; instruments, Rs. 3500. The govt. securities of the face value Rs. 200000 (cost 180000) represent investment of the 2013 endowment fund. The subscription received includes Rs. 10000 for the year 2013 but Rs. 7000 is outstanding for 2014. Salaries paid include Rs. 1000 for 2013 but Rs. 1500 is payable for 2014. Interest received includes Rs. 2000 for 2013 but Rs. 2300 is outstanding for 2014.

Q. # 7: Irtaza and Murtaza were partner in a firm sharing profit equally. Their business position as on 30th June 2014 is as follow:

Assets	Rs.	Liabilities	Rs.
Cash in hand	150	Sundry creditors	6000
Stock	3600	Bank overdraft	1500
Sundry debtors	6200	Irtaza's capital	2100
Furniture	600	Murtaza's capital	1600
Investments	650		
	11200		11200

It is agreed to take Mujtaba into partnership and to make the followings adjustments.

- Bad debts are to be written off for Rs. 1600.
- Value of furniture is to be reduced to Rs. 400
- Depreciate stock at 10%.
- Write off 20% on investment.
- Raise good will for Rs. 1000.

Mujtaba introduced Rs. 1000 as capital for his 1/3 share. Other partner's capital should be adjusted according to new partner's capital.

Pass the journal entries and prepare the balance sheet of the new firm.

Q. # 8: Define bill of exchange. Discuss its features and types.



UNIVERSITY OF THE PUNJAB

PART – I A/2015
Examination:- B. Com.

Roll No.

Subject: Functional English
PAPER: BC-305

TIME ALLOWED: 3 hrs.
MAX. MARKS: 100

- Note: (1) Attempt FIVE questions in all. Selecting THREE from section – A and TWO from section – B.
(2) Over attempt will altogether be ignored.
(3) Do not start the next / new questions, until / unless you have solved the running / present question, with all its parts, a, b and c. violation of these rules will deprive you of your due credit.

SECTION – A

- Q. # 1: (A) Define with examples. (10)
(i) Direct object (ii) Nominative Case (iii) Relative pronoun
(iv) Transitive Verb (v) Infinitives
(B) do as directed: (10)
(i) She tried to cheat me. (turn into interrogative)
(ii) It snows on the mountains. (turn into negative)
(iii) He does not live here. (mood)
(iv) Eggs sell by the dozens. (correct it)
(v) Wear (Write the second and third forms)
- Q. # 2: (A) Change the numbers: (5)
(i) calf (ii) leaf (iii) focus (iv) radius (v) story
(B) Write adjectives: (5)
(i) Circle (ii) Glory (iii) depth (iv) memory (v) Rely
(C) Give antonyms: (5)
(i) Latter (ii) Obsolete (iii) Query (iv) Identical (v) Lack
(D) Change the genders: (5)
(i) Earl (ii) Poet (iii) Stallion (iv) witch (v) duke
- Q. # 3: (A) Insert articles: (5)
(i) What.....nice man.
(ii)Holy Quran is sacred book of Muslims.
(iii) He gave me..... one rupee note
(iv) Are you _____ one I need?
(v) Do not hate ____ poor.
(B) Insert prepositions. (5)
(i) I am tired life. (ii) I am obliged you.
(iii) your kindness. (iv) Rely your parents.
(v) I am satisfiedit.
(C) Use the right verbs: (5)
(i) Would that I (be) a queen. (ii) If you help me I (succeed).
(iii) A function (hold) here daily. (iv) You had better (gone) now.
(v) Urdu (speak) in Pakistan.

(P.T.O.)

(D) One word practice: (5)

- (i) Not capable of listening (ii) Capable of being divided
(iii) A poem on someone's death (iv) Having two or more meanings
(v) A post for which nothing is paid.

Q. # 4: (A) Change narration: (10)

- (i) She said to me, "Do you want to come here?"
(ii) She said to me, "Do not look at me like that."
(iii) I said to her, "Which class do you read in?"
(iv) I said to her, "Let me ask you a question."
(v) She asked me how long I had been waiting for her.

(B) Change the Voice (10)

- (i) Do not tease me. (ii) I am missing him anxiously.
(iii) She has defamed me for nothing. (iv) Give me a pen.
(v) It should not be held in the hand by a mad man.

Q. # 5: (A) Use the right options. (5)

- I. The Kashmir day _____ the Pakistan day. (precedes, proceeds)
II. Boats _____ in the sea. (sail, sale)
III. Farmers _____ seeds in the fields. (sow, sew).
IV. She _____ a lot on the stage. (practices, practises)
V. Terrorists are _____ (prosecuted, persecuted).

(B) Name the parts of speech. (5)

Ladies are fond of eating.

(C) Use in your sentences: (10)

- (i) By and by (ii) Blow one's own trumpet
(iii) All in all (iv) Within a stone's throw
(v) Fall a prey to.

SECTION - B

Q. # 6: What is a précis? Give its rules. (20)

Q. # 7: Read the passage and answer the questions.

Great progress has been made in the fields of mechanization by the USA. It is spending lavishly on the labour saving machines. Efficient organization of highly mechanized system has resulted in maximum productivity in America. with mass production the amenities of life are available to almost every citizen. On the contrary Europe subordinates the use of machines to human happiness and welfare. It encourages man's reliance on his own faculties and realizes the dangers inherent in the American scheme. However great the advantages of mechanization may be, it crushes the creative faculty of man and makes a machine out of him.

QUESTIONS:

1. What is the result of progress of mechanization in America? (3)
2. How has it affected the citizens? (3)
3. What is the case in Europe? (3)
4. Make a précis with a suitable title. (11)

Q. # 8: Write an essay on ONE of the following topics. (20)

1. The dignity of Labour 2. Earth Quakes
3. Role of Banks 4. Advertising



UNIVERSITY OF THE PUNJAB

PART - I A/2015
Examination:- B. Com.

Roll No.

Subject: Introduction to Business
PAPER: BC-306

TIME ALLOWED: 3 hrs.
MAX. MARKS: 100

NOTE: Attempt any FIVE questions. All questions carry equal marks.

- Q. 1 Business does not merely Comprise the buying and selling of goods. Do you agree?
- Q. 2 what do you understand by sole trading Concern. Discuss its advantages and Disadvantages.
- Q. 3 Discuss the Various kinds of Partners in a Partnership firm.
- Q. 4 what are the various Kinds of Companies? State the Difference between a Private limited Company and Public Limited Company.
- Q. 5 Describe the Procedure of Formation of Joint Stock Company in Pakistan.
- Q. 6 Eliminations of Competition and Creation of monopoly are considered to be the chief merits and demerits of Business Combination. Discuss
- Q. 7 Define marketing. What are the Main Classification of Markets.
- Q. 8 what is Insurance. Discuss the main essentials of insurance contract.



UNIVERSITY OF THE PUNJAB

PART – I A/2015
Examination:- B. Com.

Roll No.

TIME ALLOWED: 3 hrs.
MAX. MARKS: 100

Subject: Money, Banking and Finance
PAPER: BC-307

NOTE: Attempt any FIVE questions. Every question carry equal marks.

- Q. # 1: Define money. Discuss the role and scope of money. (5,15)
- Q. # 2: Define paper money. Explain its advantages and disadvantages in detail. (5,8,7)
- Q. # 3: What is Index Number? How P E Index Number is constructed. Explain its limitations also. (5,10,5)
- Q. # 4: Define 'Commercial Bank'. What are its various functions? (5,15)
- Q. # 5: What do you understand a BANKER and a customer? Give rights and duties of both. (5,7,8)
- Q. # 6: "Gnarlring loans and advances is one of the functions of Banks." What are the various PRINCIPLES to be observed by a banker while advancing loans to the customer and why? Explain. (15,5)
- Q. # 7: What is business finance? Explain the various modes of Islamic Finance in detail. (5,15)
- Q. # 8: Write a note on two of the following. (20)
- (i) Letter of credit
 - (ii) IMF
 - (iii) Pak-China Trade Corridor
 - (iv) SBP



UNIVERSITY OF THE PUNJAB

PART - I A/2015

Examination:- B. Com.

Roll No.

Subject: Islamic Studies / Ethical Behaviour (for Non Muslims)

TIME ALLOWED: 2 HRS

Paper: B.C.308

MAX. MARKS: 60

(Islamic Studies)

Q.1 Translate and explain any two of the following verses from the Holy Quran. (6+2=12, 4+2=8)

سوال نمبر ۱ درج ذیل قرآنی آیات میں سے دو کا ترجمہ اور تشریح لکھیے۔

(الف) مَا كَانَ مُحَمَّدٌ أَبَا أَحَدٍ مِّن رِّجَالِكُمْ وَلَكِن رَّسُولَ اللَّهِ وَخَاتَمَ النَّبِيِّينَ وَكَانَ اللَّهُ بِكُلِّ شَيْءٍ عَلِيمًا
(ب) يَا أَيُّهَا النَّاسُ إِنَّا خَلَقْنَاهُ مِنْ ذَكَرٍ وَأُنْثَى وَجَعَلْنَاهُ شُعُوبًا وَقَبَائِلَ لِتَعَارَفُوا إِنَّ أَكْرَمَكُمْ عِنْدَ اللَّهِ أَتْقَاهُ إِنَّ اللَّهَ عَلِيمٌ خَبِيرٌ

(ج) وَعِبَادُ الرَّحْمَنِ الَّذِينَ يَمْشُونَ عَلَى الْأَرْضِ هَوْنًا وَإِذَا خَاطَبَهُمُ الْجَاهِلُونَ قَالُوا سَلَامًا

Q.2 Translate and explain any one of the following Ahadith.

(6+4=10)

سوال نمبر ۲ درج ذیل احادیث میں سے کسی ایک کا ترجمہ اور تشریح قلمبند کیجیے۔

(الف) عَنْ عُثْمَانَ بْنِ عَفَّانٍ رَضِيَ اللَّهُ عَنْهُ عَنِ النَّبِيِّ صَلَّى اللَّهُ عَلَيْهِ وَسَلَّمَ قَالَ خَيْرُكُمْ مَنْ تَعَلَّمَ الْقُرْآنَ وَعَلَّمَهُ
(ب) قَالَ رَسُولُ اللَّهِ صَلَّى اللَّهُ عَلَيْهِ وَسَلَّمَ التَّاجِرُ الصُّدُوقُ الْآمِنُ مَعَ النَّبِيِّينَ وَالصِّدِّيقِينَ وَالشُّهَدَاءِ

Q.3 Write down the importance of pact of Madina.

OR

(10)

Enlist main points from the last sermon of the Holy Prophet (SAW)

سوال نمبر ۳ ۱) بیثاق مدینہ کی اہمیت لکھیے۔ ۲) خطبہ حجۃ الوداع کے اہم نکات لکھیے۔

Q.4 Cover the main characteristics of Islamic Civilization.

OR

(10)

How Islamic and Western civilization can avoid clash, provide some suggestions for the solution.

سوال نمبر ۴ اسلامی تہذیب کے اہم خصائص سپرد قلم کیجیے۔ ۲) مغربی اور اسلامی تہذیب کے تصادم سے بچنے کے لیے تجاویز دیں۔

Q. # 5: Give short answers to any FIVE of the following questions.

(5x2=10)

1) Argue, that the prophet (SAW) is خاتم النبیین in two walks of life.

2) What kind of superiorities have been described in سورة الفتح about the companions of the Prophet (SAW).

3) Who have been declared a poor in the Hadith?

4) What are the phases to stop evil in the Hadith?

5) Write two names from عشرہ مبشرہ

6) Write two good qualities of western civilizations.

7) What is رواداری?

سوال نمبر ۵ درج ذیل سوالات میں سے صرف پانچ کے مختصر جوابات دیں۔

- ۱) آپ کے خاتم النبیین ہونے کے دو دلائل دیں۔
- ۲) سورة الفتح میں صحابہ کرام کے کیا فضائل بیان ہوئے ہیں؟
- ۳) حدیث پاک کے مطابق مفلس کون ہے؟
- ۴) حدیث مبارکہ نے برائی کو روکنے کے کون سے تین مراحل بتائے ہیں؟
- ۵) عشرہ مبشرہ میں سے دو کے نام لکھیں۔
- ۶) مغربی تہذیب کی دو خوبیاں لکھیں۔
- ۷) رواداری سے کیا مراد ہے؟

(Ethics - for Non- Muslims)

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

نوٹ: کوئی سے تین سوالات کے جوابات لکھیں۔ سب کے نمبر مساوی ہیں:

Q. # 1: What is relationship between religion and Ethics, discuss.

(20) مذہب سے اخلاقیات کا تعلق واضح کریں۔

Q. # 2: Punishment brings peace due to example, elaborate.

(20) سزائے جائے تو معاشرہ میں امن قائم ہو جاتا ہے۔ وضاحت کریں۔

Q. # 3: Justice provides social footings to society, discuss.

(20) انصاف معاشرہ کو مضبوط کرتا ہے۔ تبصرہ کریں۔

Q. # 4: Write down the main teachings of christianity.

(20) مسیحیت کی اہم تعلیمات لکھیں۔

Q. # 5: How Islam teaches tolerance to minorities elaborate.

(20) اسلام اقلیتوں سے کس طرح رواداری کی تعلیم دیتا ہے؟ وضاحت کریں۔