



# UNIVERSITY OF THE PUNJAB

PART - I A/2017  
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.

		<u>SECTION-I</u>		
1.	Groups Rs.	Frequency	Groups Rs.	Frequency
	0—7	5	28—35	18
	7—14	13	35—42	13
	14—21	18	42—49	5
	21—28	28		

Required: Calculate Arithmetic Mean, Median, Mode and Co-efficient of Variation.

2. X: 18, 19, 20, 21, 22, 23, 24, 25, 26, 27  
Y: 17, 17, 18, 18, 18, 19, 19, 20, 21, 22

Required: Calculate Co-efficient of correlation and also the line of regression y on x.

3. Calculate Price Index Numbers using Laspeyre's, Paasche's, Fisher's and Marshall's formulae for 2001 taking 2000 as base year from the following data:

Commodity	2000		2001	
	Price	Quantity	Price	Quantity
Wheat	12	10	15	12
Rice	15	7	20	5
Jawar	24	5	20	9
Maize	5	16	5	14

4. The table of hair colours and eye colours of 200 persons is given below:

Eye Colour	Hair Colour			Total
	Light Black	Dark Black	Brown	
Blue	26	21	13	60
Black	25	42	21	88
Brown	19	18	15	52
Total	70	81	49	200

Test the Hypothesis that hair and eye colours are independent. The table value of Chi-square for four degrees of freedom at 5% level of significance is 9.49.

### SECTION: II

5. If  $A = \begin{pmatrix} 2 & -3 & 4 \\ 1 & 5 & -2 \\ 4 & 2 & 6 \end{pmatrix}$  and  $B = \begin{pmatrix} 1 & -2 & 3 \\ 4 & -5 & -6 \\ 7 & 8 & 9 \end{pmatrix}$

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

6. (a) Solve the following Quadratic Equation:  
 $2x^2 + 15x + 18 = 0$

- (b) The difference of two numbers is 33. The larger number is one more than three times the smaller number. Find the numbers.

7. (a) The sum of 10 terms of an A.P., whose last term is 28, is 145. Find the first term and the common difference.

- (b) Find the sum of the series:

$$1, \frac{1}{2}, \frac{1}{4}, \frac{1}{8}, \frac{1}{16} \dots \dots \text{to infinity cannot exceed } 2.$$

8. Find out the effective rate of interest equivalent to the nominal rate of 8% p.a. Compounded quarterly.



# UNIVERSITY OF THE PUNJAB

PART – I A/2017  
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- Write a note on different generations of computer.
- 2- Describe classification of digital computer with relevant examples.
- 3- Explain the basic architecture of computer with the help of diagram.
- 4- What is the difference between data and information? How data become information after processing?
- 5- Define network. Explain different types of networks in detail.
- 6- Explain different secondary storage devices in detail.
- 7- Discuss important features of MS-PowerPoint with examples.
- 8- Write a note on followings.
  - a. Domain Name
  - b. Web Master

# UNIVERSITY OF THE PUNJAB



PART - I. A/2017  
Examination:- B. Com.

Roll No. ....

Subject: Economics  
PAPER: BC-303

TIME ALLOWED: 3 hrs.  
MAX. MARKS: 100

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

- Q. No.1 Compare Robbins and Marshall's definitions of economics. Which one is better?
- Q. No.2 Explain the Law of Diminishing Marginal Utility with the help of schedule and diagram.
- Q. No.3 What is elasticity of demand and what are its determinants?
- Q. No.4 How is price and output of a firm determined under perfect competition.
- Q. No.5 Critically examine the Ricardian theory of rent.
- Q. No.6 What is the difference between private and public finance and what are the sources of public finance.
- Q. No.7 Discuss the role of a state in Islam.
- Q. No.8 The total revenue function is given as:

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

Find:

- (a) AR
- (b) MR
- (c) Slope of MR
- (d) Slope of AR



# UNIVERSITY OF THE PUNJAB

PART - I A/2017  
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.**

### Question No.1

On 1st January, 2016, X sells goods to Y for Rs. 30,000. X draws three bills on Y; the first for Rs. 9,000 for one month, the second for Rs. 15,000 for two months and the third for Rs. 6,000 for 3 months. The first bill is endorsed by X to his creditor Z on 3rd January. The second bill is discounted at bank on 4th January for Rs. 14,550. The third bill is retained by X until due date. The first bill is met at maturity. The second bill is dishonored and the bank pays Rs. 60 for noting charges. On Y's request, X draws a fourth bill on Y for Rs. 15,150 including Rs. 90 as interest. Y accepts the bill at two months. On maturity, the third and the fourth bills are honoured. Show the entries in the books of X and Y.

### Question No.2

From the following particulars, prepare a revised Cash Book and a Bank Reconciliation Statement of Irtaza Stores as on 28th February, 2016.

- Credit balance as per the Cash Book on 28.02.2016 was Rs. 60,000.
- A wrong debit of Rs. 2,000 has been given by the bank in the Pass Book.
- Bank charges made by the bank Rs. 480 were recorded only in the Pass Book.
- Out of the cheques for Rs. 100,000 paid into the bank, cheques for Rs. 75,000 were cleared and credited by the bank.
- Two cheques for Rs. 30,000 and Rs. 60,000 were issued but out of them only one cheque for Rs. 30,000 was presented for payment up to 28th February, 2016.
- Dividend on shares Rs. 18,000 was collected directly by the bank. The trader has no information about this.
- The Pass Book contains an entry for Rs. 20,000 being a direct payment made by a customer into the bank.

### Question No.3

Mr. Murtaza failed to balance his trial balance. The credit side was exceeding the debit side by Rs.1000. The difference was entered in a suspense account. Later the following errors were discovered. Pass the necessary journal entries to rectify them and prepare suspense account.

- The total of the credit side of Mohsin A/c was overcast by Rs. 1000.
- Sales Book was under-cast by Rs. 1000.
- Goods worth Rs. 1000 were purchased from Nasir but were entered in the Sales Book. However, the account of Nasir was correctly credited.
- The total of purchases returns book Rs. 2000 was not posted to the ledger.
- A credit balance of Rs. 7550 of the Rent received Account was shown as Rs. 5700.
- Goods worth Rs. 6200 sold to Dawood, were correctly entered in the Sales Book, but posted to Dawood A/c as R. 2600.
- Goods amounting, to Rs. 750 were sold to Mahmood & Co. for cash. It was correctly recorded in the Cash Book, but was wrongly posted to Mahmood & Co. account also.

### Question No.4

Irtaza is not writing his books properly. From the following information prepare a statement showing profit or loss and statement of affairs for the year ending 30th June, 2016.

	<u>01-07-2015</u>	<u>30-06-2016</u>
Cash in hand	900	2800
Debtors	22800	21400
Creditors	31200	28400
Stock	33400	37400
Bills receivable	30500	28800
Bank overdraft	40800	39200
Motor van	4200	4200
Furniture	3400	3400

Drawings Rs. 4800; Depreciate furniture at 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 Bills receivable.

### Question No.5

The following Trial Balance has been extracted from the books of Mr. Bahzad on 31st March, 2016. Prepare Trading and Profit and Loss A/c for the year ending 31st March, 2016 and a Balance Sheet as at that date:

PTO

	Debit	Credit
	Rs.	Rs.
Opening Stock .....	230,000	
Debtors .....	130,000	
Horses and Carts .....	20,000	
Purchases .....	600,000	
General Expense .....	52,000	
Discount .....	2,200	
Wages .....	300,000	
Salaries .....	80,000	
Traveling Expenses .....	20,000	
Carriage .....	11,000	
Insurance .....	6,000	
Commission .....	13,000	
Rent .....	20,000	
Cash in hand .....	1,000	
Cash at Bank .....	109,000	
Printing Charges .....	6,800	
Repairs .....	5,200	
Interest on Mortgage .....	4,000	
Building .....	160,000	
Machinery .....	60,000	
Capital .....		422,200
Sales .....		12,00,000
Mortgage .....		124,000
Sundry Creditors .....		84,000
Total	18,30,200	18,30,200

The following adjustments are required:

1. Rent Payable Rs. 1,200
2. Insurance prepaid Rs. 800
3. Reserve for discount 2.5 % both on debtors and creditors.
4. Depreciate Building 2.5 %, Machinery 5 % and Horses and Carts at 7.5 %
5. Stock on 31st March, 2016 Rs. 240,000.

**Question No.6**

A firm purchased a second-hand truck for Rs. 50,000 on 1st January, 2012 and spent Rs. 20,000 on its overhauling. Depreciation is written off 10 % p.a. on the reducing balance. On 30th June, 2015 the truck was sold for Rs. 30,000 being unsuitable. Prepare the Truck Account from 2012 to 2015 assuming that Accounts are closed on 31st December every year.

**Question No.7**

Below is given the Receipts and Payments Account of Sultan Baig Club of Faisalabad, Prepare Income and Expenditure Account as on 31st December 2016 and a Balance sheet as on that date, from it and subjoined information.

	(Rs)		(Rs)
Balance b/d	2,476	General Expenses	1,084
Annual Subscription	3,260	Salaries	1,100
Life Membership fees	500	Furniture	1,600
Entrance fees	400	Rent	1,120
Miscellaneous Receipts	466	Printing	250
Interest	80	Repairs	300
	7,182	Balance c/d	1,728
			7,182

On 31 December, 2016 the annual subscriptions in arrears amounted to Rs. 700. Rs. 200 is to be written off as depreciation on furniture.

**Question No.8**

Abdur Raqeeb and Abdul Wahab are partners sharing profits in the ratio 3:2. Their balance sheet stood as under on 31-12-2016

BALANCE SHEET			
Assets	Rs.	Liabilities	Rs.
Cash	2,000	Creditors	38,500
Stock	15,000	Outstanding liabilities	4,000
Prepaid insurance	1,500	Capitals:	
Debtors	9,400	Abdur Raqeeb	29,000
Less Provision	400	Abdul Wahab	15,000
Machinery	19,000		44,000
Buildings	35,000		
Furniture	5,000		
	86,500		86,500

Abdul Ahad is admitted as a new partner introducing a capital of Rs. 16,000. The new profit sharing ratio is decided as 5: 3: 2. Abdul Ahad is unable to bring in any cash for goodwill. So it is decided to raise goodwill account, amount being calculated on the basis of Abdul Ahad's share in the profits and the capital contributed by him. Following revaluations are made:

- (a) Stock to be depreciated 5 %.
- (b) Provision for doubtful debts is to be increased to Rs.500.
- (c) Furniture to be depreciated 10 %.
- (d) Building is valued at Rs. 40,000.

Show the necessary ledger accounts and the balance sheet of the new firm.



# UNIVERSITY OF THE PUNJAB

PART – I A/2017  
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 solved the running / present question, with all its parts, a, b, c and d. Violation of these rules will deprive you of your due credit.

## SECTION – A

**Q. #1: (A) Define the following with examples:** (10)  
(i) Participle (ii) Interjection (iii) Reflexive Pronoun (iv) Nominative Case (v) Adverb Clause (10)

**(B) Do as directed:**

- He writes legibly. (Mood)
- He the old woman sits in the sun. (Change into negative)
- He scored twenty runs. (Change into Interrogative)
- He is getting late from school. (Correct it)
- In a fit of rage she tears up the letter. (Change the Verb to the Past Tense)

**Q. #2: (A): Change the Numbers:** (5)  
(i) Basis (ii) formula (iii) Court- Martial (iv) wolf (v) self (5)

**(B): Change the Genders:**

- (i) Colt (ii) buck (iii) conductor (iv) mayor (v) negro. (5)

**(C): Give Antonyms:**

- (i) Knowledge (ii) Debtor (iii) Guilty (iv) Generous (v) Genuine (5)

**(D): Change into Nouns:**

- (i) Defend (ii) Inferior (iii) Tragic (iv) Magnify (v) Receive (5)

**Q. # (3): (A) Insert Correct Articles:**

- US considers Pakistan ----- ally in ----- war. (5)
- universe is ----- enigma. (5)

**(B): Insert appropriate Prepositions:**

- He switched ----- the light; he did not want to sit ----- the dark. (5)
- The police accused him ----- theft.
- You can reach the station ----- bus ----- ten minutes. (5)

**(C): Use the correct form of Verbs:**

- The town (change) its appearance completely since 1980. (5)
- When I was in Pakistan, I (visit) different places.
- I (see) him this week.
- The next term (begin) on 16<sup>th</sup> September.
- The train (arrive) before we reach the station.

**(D) Give One Word Substitution for each of the following:** (5)

- Unable to pay his debts
- One who loves his fellowmen
- A person who is out to destroy all government (P.T.O)
- A medicine that kills germs
- An office for which no salary is paid

**Q. # (4): (A) Change the Narration:**

- i. He said, "Alas! I have been ruined".
- ii. He said, "Goodbye, my dear friends".
- iii. He said to his servant, "Leave this room at once".
- iv. The teacher said to the peon, "Let this boy come".
- v. He said, "I shall go to Lahore".

(10)

**(B): Change the Voice of the following:**

- i. They hired a taxi.
- ii. Who is boiling eggs?
- iii. They have watched this movie.
- iv. Read the book.
- v. We shall enjoy a picnic tomorrow.

(10)

**Q. # 5(A) Choose the right options:**

- i. I beg to ----- with your opinions. (defer, differ)
- ii. There has been ----- rain for the last three days. (continual, continuous)
- iii. She was saved from the ----- danger. (eminent, imminent)
- iv. Your plan is not at all ----- . (practical, practicable)
- v. Fine buildings are ----- to the ground in war. (raised, razed)

(5)

**(B): Name the part of speech of every word:**

To think is to act.

(5)

**(C): Use the following in sentences:**

- (i) In the wind (ii) a cold reception (iii) above board (iv) to carry the day  
(v) to be in a fix.

(10)

## SECTION - B

**Q. # (6): What is a Précis? Give rules to write down a good précis.**

(20)

**Q. # (7): Read the following passage and answer the questions given at the end:**

The first thing which a scholar should bear in mind is that a book ought not to be read for mere amusement. Some of the educated persons read for amusement, and are not to be blamed for it; they are incapable of appreciating the deeper qualities that belong to a really great literature. But a young man who has passed through a course of University training should discipline himself at an early day never to read for mere amusement. And once the habit of the discipline has been formed he will find it impossible to read for amusement. He will then impatiently throw down a book which does not make an appeal to his intellect. But on the other hand the habit of reading for amusement becomes with thousands of people exactly the same kind of habit as wine drinking or opium smoking.

**QUESTIONS:**

- i. What is the first thing which a scholar should bear in mind? (3)
- ii. Why should some educated persons not be blamed for reading books for mere amusement? (3)
- iii. What attitude towards reading a young man is likely to develop after passing through a course of University training? (3)
- iv. Make a Précis with a suitable title. (11)

**Q. # (8): Write an Essay on any ONE of the following topics:**

- (i) Pleasures of Reading (ii) Importance of Commerce Education (20)  
(iii) The dream, I should like to have (iv) No man is a judge of his own merits



# UNIVERSITY OF THE PUNJAB

PART – I A/2017  
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.*

1. Define business. Explain the functions of business.
2. On what points sole proprietorship to be preferred to other form of business organizations?
3. How can a firm be registered? Describe benefits of registration.
4. Define company meeting? State the various types of shareholder's meeting?
5.
  - a) Briefly explain the features of a joint stock company (10 marks)
  - b) Narrate the kinds of meetings of joint stock company (10 marks)
6. What is Business Combination? Explain types of business combination.
7. Define Insurance. Explain various kinds of insurance.
8. Write a note on the following
  - i. Cooperative Society
  - ii. Promoters
  - iii. Stock Exchange
  - iv. Foreign Trade



# UNIVERSITY OF THE PUNJAB



PART - I A/2017  
Examination:- B. Com.

Roll No. ....

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

TIME ALLOWED: 3 hrs.  
MAX. MARKS: 100

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

- Q. # 1: Define MONEY also discuss its evolution, and importance. (20)
- Q. # 2: What should be the qualities of good MONEY discuss in detail. (20)
- Q. # 3: How do Commercial Banks employ their funds discuss in detail. (20)
- Q. # 4: What is DE-VALUATION of currency/money why it is done give its advantages and Disadvantages. (20)
- Q. # 5: What is a TRADE CYCLE? Also discuss its phases and their features in detail. (20)
- Q. # 6: How many kinds of Accounts a Commercial Bank can open discuss each in detail. (20)
- Q. # 7: What is BUSINESS FINANCE also explain EQUITY FINANCE its Advantage and Disadvantages. (20)
- Q. # 8: Write a Note on two of the following: (10x2)
- Musharika
  - De-Flation
  - Index Number
  - IMF



# UNIVERSITY OF THE PUNJAB

PART – I A/2017  
Examination:- B. Com.

Roll No. ....

Subject: Islamic Studies / Ethical Behaviour (for Non Muslims)  
PAPER: BC-308

TIME ALLOWED: 2 hrs.  
MAX. MARKS: 60

## Islamic Studies

سوال نمبر ۱) درج ذیل قرآنی آیات میں سے دو کا ترجمہ اور تشریح کیجئے۔ (۲×۶=۱۲، ۲×۸=۱۶)

Q.1: Translate and Explain any TWO of the following verses.

(الف) الم۔ ذلك الكتاب لا ريب فيه هدى للمتقين۔ الذين يؤمنون بالغيب ويقيمون الصلوة ومارزقناهم ينفقون۔ والذين يؤمنون بما أنزل اليك وما أنزل من قبلك وبالآخرة هم يوقنون۔

(ب) يأيها الذين آمنوا لا يسخر قوم من قوم عسى أن يكونوا خيراً منهم ولا نساء من نساء عسى أن يكن خيراً منهن ولا تلمزوا أنفسكم ولا تنابزوا بالألقاب بئس الاسم الفسوق بعد الإيمان ومن لم يتب فأولئك هم الظالمون۔

(ج) وعباد الرحمان الذين يمشون على الأرض هوناً وإذا خاطبهم الجاهلون قالوا سلاماً۔ والذين يبیتون لربهم سجداً وقياماً۔ والذين يقولون ربنا اصرف عنا عذاب جهنم ان عذابها كان غراماً۔

سوال نمبر ۲) درج ذیل میں ایک حدیث مبارکہ کا ترجمہ اور تشریح کریں۔ (۱۰=۴+۶)

Q. 2: Translate and Explain any of the following Ahadith.

(الف) قال رسول الله ﷺ: خيركم من تعلم القرآن وعلمه۔

(ب) قال رسول الله ﷺ: مرؤا الصبيان الصلوة اذا بلغ سبع سنين واذا بلغ عشر سنين فاضربوه عليها۔

سوال نمبر ۳) خطبہ چبہ الوداع کی اہمیت پر مفصل نوٹ لکھئے۔ یا مطالعہ سیرت نبوی ﷺ کی ضرورت و اہمیت اجاگر کیجئے۔ (۱۰)

Q. 3: Write a comprehensive note on the significance of the Sermon of the Last Pilgrimage.

OR Narrate the need and importance of the study of the Seerat of the Holy Prophet.

سوال نمبر ۴) اسلامی تہذیب و ثقافت کی خصوصیات لکھیں۔ یا مغربی تہذیب کی نتیجے میں مسلمانوں پر ہونے والے مثبت و منفی اثرات کا جائزہ لیں۔ (۱۰)

Q.4: Write down the salient features of Islamic Civilization.

OR Evaluate the positive as well as negative impact of Western Civilization on Muslim

Ummah.

سوال نمبر ۵) درج ذیل سوالات میں سے صرف پانچ کے مختصر جوابات لکھیں۔ (۱۰=۵×۲)

(۱) عربی فعل ماضی کی ایک مثال دیں۔

(۲) ”اسوہ حسنہ“ کا لفظی معنی لکھیں۔

(۳) تخلیق سمندر کے دو قرآنی فوائد لکھیں۔

(۴) پیغمبر اسلام ﷺ کی صاحبزادیوں کے نام لکھیں۔

(۵) حلال کمائی پر ایک حدیث نبوی یا اس کا ترجمہ لکھیں۔

(۶) بیثاق مدینہ کی دو دفعات لکھئے۔

(۷) ان زوجہ مطہرہ کا نام لکھیں جو ایک یہودی سردار کی بیٹی تھیں۔

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

(i) Give an example of Past Arabic Verb.

(P.T.O)

- (ii) Write down the literal meaning of "اسوہ حسنہ"۔
- (iii) Write two benefits of the creation of sea as narrated in Quran.
- (iv) Write down the names of the daughters of the Holy Prophet (PBUH).
- (v) Write down a Saying of the Prophet or its translation on Halal earning.
- (vi) Write down Two clauses of the Pact of Madinah.
- (vii) Write down the name of the Prophet's wife who was the daughter of a Jew Chieftain.

### Ethical Behaviour (For Non Muslims)

**NOTE:** Attempt any THREE questions. All questions carry equal marks.

نوٹ: کوئی سے تین سوالات کے جوابات لکھیں۔ تمام سوالوں کے بجز برابر ہیں۔

20

سوال نمبر 1: اسلام کی اخلاقی تعلیمات کی وضاحت کریں۔

Q.1: Explain the Ethical Values of Islam.

20

20

سوال نمبر 2: عیسائیت کی اخلاقی تعلیمات پر مفصل نوٹ لکھیں۔

Q.2: Write down a detailed note on the moral teachings of Christianity. 20

20

سوال نمبر 3: روزمرہ زندگی میں اخلاقیات کے دائرہ کار کی وضاحت کریں۔

Q.3: Explain the scope of morality in the daily life. 20

20

سوال نمبر 4: یہودیت کی اخلاقی تعلیمات پر روشنی ڈالیں۔

Q.4: Highlight the Ethical Values of Judaism. 20

20

سوال نمبر 5: اقلیتوں کے بارے میں اسلام کی تعلیمات کی وضاحت کریں۔

Q.5: Explain the Islamic Teachings about minorities. 20