

**Exam. Code : 107302**

**Subject Code : 2118**

**B.Com. (Prof.) Semester—II (Old Syllabus 2015)**

**BUSINESS ECONOMICS—II**

**Paper—BCP-203**

**Time Allowed—3 Hours]**

**[Maximum Marks—50**

**SECTION—A**

**Note :— Attempt any TEN parts. Each part carries 1 mark.**

1. (a) Define Micro economics.
- (b) Explain per capita income.
- (c) What do you mean by Net present value ?
- (d) Define Inflation.
- (e) What do you mean by Effective Demand ?
- (f) What is Marginal efficiency of capital ?
- (g) Define Multiplier.
- (h) Write any two consequences of inflation.
- (i) Define Consumption function.
- (j) Define Accelerator.
- (k) Write various components of National Income.
- (l) Define Invisible goods and services.



### SECTION—B

**Note :—** Attempt any **TWO** questions. Each question carries **10** marks.

2. Define Macro Economics. Discuss its scope.
3. What do you mean by National Income ? Discuss the various methods of measuring National Income.
4. Critically examine Keynesian theory of Income and Employment.
5. Write notes on each of the following :
  - (a) Gross domestic product and its components
  - (b) Say's Law of Market.

### SECTION—C

**Note :—** Attempt any **TWO** questions. Each question carries **10** marks.

6. What do you mean by Consumption function. Explain its importance. Also explain Keynes psychological Law of Consumption.
7. Define Inflation. Discuss various theories of inflation.
8. What do you mean by Investment ? Discuss various types as well as determinants of Investment.
9. What do you mean by Multiplier ? Examine the working and importance of investment multiplier.



9. A head office sent goods to its branch at 20% less than the list price. Goods are sold to customers at cost plus 100%. From the following particulars ascertain the profit made at Head Office and at Branch on wholesale basis :

	Head Office	Branch
	Rs.	Rs.
Purchases	10,00,000	—
Goods sent to Branch		
at I.P.	4,00,000	—
Sales	8,50,000	4,00,000
Expenses	2,00,000	30,000
		10

15-06-17

Exam. Code : 107302

Subject Code : 2119

B.Com. (Prof.) 2<sup>nd</sup> Semester (Old Syllb. 2015)

## ADVANCED ACCOUNTING

## Paper—BCP-204

Time Allowed—Three Hours] [Maximum Marks—50

**Note :—** (1) Attempt any *ten* parts of Question No. 1 of Section-A.

(2) Attempt *two* questions each from Section-B and Section-C.

## SECTION—A

1. Write short notes on any *ten* of the following :

- (i) Meaning of Partnership
- (ii) Sacrifice Ratio
- (iii) Realisation Account
- (iv) Fixed Capital Account
- (v) Gradual Realisation
- (vi) Abnormal Loss
- (vii) Joint Life Policy Account
- (viii) Meaning of Joint Venture
- (ix) Dependent Branches
- (x) Branch Stock Account
- (xi) Goods-in-Transit
- (xii) Hire Purchase System.

10×1



## SECTION—B

2. What do you mean by Profit and Loss Appropriation Account ? Why it is prepared ? Give its specimen with imaginary figures. 10
3. What do you mean by "Stock on Consignment" ? How will you value it ? Explain with examples. 10
4. A and B had been carrying on business as partners sharing profits in the ratio of 2 : 1. It was decided to dissolve the firm on 1<sup>st</sup> April 2007 because firm was running into losses. On the date of dissolution the capital stood at Rs. 80,000 and Rs. 50,000 respectively. Sundry creditors amounted to Rs. 20,000. Loan to A amounted to Rs. 5,000, Cash in hand Rs. 3,000 and debit balance in Profit and Loss Account Rs. 15,000. Assets other than cash and loan to A realised Rs. 75,000, Expenses on realisation amounted to Rs. 2,000 which were paid by A.
- Prepare necessary accounts to close the Books. 10
5. Amar, Akbar and Anthony entered into a joint venture to share profits and losses as 3 : 3 : 4. No separate set of books is maintained. Amount contributed and received by different co-venturers are given below :

	Amar	Akbar	Anthony
	Rs.	Rs.	Rs.
Cost of Materials	30,000	40,000	—
Expenses	4,000	3,000	5,000

	Amar	Akbar	Anthony
	Rs.	Rs.	Rs.

Sale proceeds received	—	25,000	90,000
Stock taken over	—	5,000	12,000

Prepare :

- (i) Joint Venture Account and  
(ii) Personal accounts of co-venturers in the Books of Amar only. 10

## SECTION—C

6. What do you mean by Repossession of goods in Hire Purchase ? Explain its accounting treatment in the books of both the parties. 10
7. What do you mean by Independent Branch ? How its Trial Balance is incorporated in Head Office Books ? 10
8. A Ltd. Company sold goods on Hire Purchase at cost plus 50%. From the following particulars find out the profit and loss of hire purchase :

Jan. 1, 1996	Rs.
Goods out on H.P. (At H.P.P.)	15,000
Goods out on H.P. during the year (at H.P.P.)	81,000
Cash received during the year	56,000
Goods received back (Installment unpaid Rs. 4,000)	500
31 <sup>st</sup> December, 1996	
Goods with H.P. Customers (At H.P.P.)	30,000
	10



7. Assuming that the typing mistakes per page committed by a typist follows a Poisson distribution, find the expected frequencies for the following distribution of typing mistakes :

Nos. of mistakes per page	0	1	2	3	4	5
Nos. of pages	40	30	20	15	10	5

8. (a) Explain various Non-probability methods of sampling.

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- (b) Major problems in aircraft landing are very rare in an international airport. The numbers of major problems are Poisson distributed with mean 5 per years.

- What is the probability that no major problem will occur in a year ?
- What is the probability that exactly three major problems will occur in a year ?
- What is the probability that three or fewer major problems will occur in a year ?

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9. Discuss various sources of collecting statistical data relating to population.

Exam. Code: 107302

Subject Code: 2121

B.Com. (Prof) 2<sup>nd</sup> Semester (Old Syllabus-2015)

BUSINESS ANALYTICAL TECHNIQUES—II

Paper—BCP-206

Time Allowed—Three Hours]

[Maximum Marks—50

SECTION—A.

**Note :—** Attempt any **TEN** parts. Each part carries 1 mark.

- Differentiate between linear and non linear correlation.
  - What are the parameters of binomial probability distribution ?
  - Discuss the assumptions of Interpolation and Extrapolation.
  - Discuss the properties of Coefficient of Correlation.
  - Define Rank Coefficient of Correlation.
  - What do you mean by Interpolation ?
  - Define mutually exclusive events.
  - Define Sampling Frame.
  - Define Newton's formula in Interpolation.
  - What do you mean by Consistency of data ?
  - State Additive Law of Probability.
  - What do you mean by Subjective probability ?



**SECTION—B**

**Note :—** Attempt any **TWO** questions. Each question carries **10** marks.

2. Given the following data :—

X :	6	4	7	4	8	3	10	6	8	7	9	12
Y :	9	6	9	5	9	6	8	7	11	8	7	11

Calculate :

- the regression coefficient of Y on X
  - the total variation in Y
  - the explained variation.
3. Discuss the importance of Interpolation and Extrapolation in Statistics.
4. (a) Explain Lagrange's method and Binomial method of Interpolation and Extrapolation with the help of an example.
- (b) The following table gives the quantity of cement in thousands of tonnes manufactured each year by a company. Find the missing term by suitable algebraic method of interpolation.

Year	2011	2012	2013	2014	2015	2016
Cement Quantity ('000 tonnes)	44	90	?	160	270	390

5,5

5. Following are the marks obtained by 8 students in mathematics and statistics. Find the correlation between them and the Regression line of marks in Statistics on marks in Mathematics.

Marks in Mathematics	50	40	60	46	50	48	59	47
Marks in Statistics	30	37	42	32	35	45	40	35

**SECTION—C**

**Note :—** Attempt any **TWO** questions. Each question carries **10** marks.

6. The accompanying table shows the proportions of adults in non-metropolitan areas, categorized as to whether they are readers or non-readers of newspapers and whether or not they voted in the last election.

Voted	Readers	Non Readers
Yes	0.63	0.13
No.	0.14	0.10

- What is the probability that a randomly chosen adult from this population voted ?
- What is the probability that a randomly chosen adult from this population reads newspapers ?
- What is the probability that a randomly chosen adult from this population who did not read newspapers did not vote ?