

1stYear (Sem-II) BBA University Examination, 2018
 (1st/2nd Semester/Repeat/Supplementary/ Spl Supplementary/Old /Annual/Bi-Annual)
SUBJECT: BUSINESS STATISTICS
PAPER: Theory (BBA 201)

TIME: 2hrs

FULL MARKS: 50

Answer any five questions; each question carries equal marks.

1.

Calculate the relative frequency and frequency density for the following data set. Also draw the histogram and frequency polygon for the same set of data.

Value of Sales (in 1000 Rs)	Number of Firms
0-500	3
500-1000	42
1000-1500	63
1500-2000	105
2000-2500	120
2500-3000	99
3000-3500	51
3500-4000	47
4000-4500	4
Total	534

(2+2+3+3=10)

2.

Calculate the arithmetic mean, mean & mode for the given frequency distribution of wages.

Monthly Wages (thousand Rs)	0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90
No of workers	1	4	10	22	30	35	10	7	1

(4+3+3=10)

3.

Calculate the standard deviation & quartile deviation from the following distribution:

Class Interval	Frequency
10-15	4
15-20	12
20-25	16
25-30	22
30-40	10
40-50	8
50-60	6
60-70	4

(5+5=10)

[P.T.O.]

4.

From the following data find the coefficient of linear correlation between variables X & Y. Also determine the regression equation Y on X & estimate the value of y given that X=10

X	1	2	3	4	5	6	7	8	9
Y	9	8	10	12	11	13	14	16	15

(4+4+2=10)

5.

a) Write a note on scatter diagram .

b) In a contest two judges ranked eight candidates in their order of preference as indicated in the following table:

Candidates	A	B	C	D	E	F	G	H
Rank by Judge 1	5	2	8	1	4	6	3	7
Rank by Judge 2	4	5	7	3	2	8	1	6

Calculate the rank correlation coefficient.

(4+6=10)

6.

a) Out of 120 tickets numbered consecutively from 1 to 120. One ticket is drawn at random. What is the probability of getting a number which is a multiple of five?

b) In a shooting competition, the probability of a man hitting the target is $1/5$. If he fires 5 times, what is the probability of hitting the target at least twice.c) If 3% of the bolts manufactured by a company are defective, use Poission distribution to find the probability that in a sample of 200 bolts none are defective. ($e^{-6} = .00248$)

(3+3+4=10)

7.

Calculate the price index number from the following data using Laspeyre's, Paasche's and Fisher's method and prove that fisher's formula satisfies factor reversal test.

Commodities	1970		2000	
	Price (Rs)	Quantity (kgs)	Price (Rs)	Quantity (Kgs)
A	2	5	4	7
B	2	7	3	10
C	8	6	5	6
D	1	2	1	9

(6+4=10)

8.

Fit a straight line trend by the method of least squares to the following figures of production of a rice mill. Estimate the production for the years 2009 & 2010.

year	2000	2001	2002	2003	2004	2005	2006	2007
Production in tons	380	400	650	720	690	600	870	930

(8+2=10)

1stYear (Sem-II) BBA University Examination, 2018
 (1st/2nd Semester/Repeat/Supplementary/ Spl Supplementary/Old /Annual/Bi-Annual)
SUBJECT: BUSINESS COSTING
PAPER: Theory (BBA 202)

TIME: 2hrs

FULL MARKS: 50

Answer any five questions; each question carries equal marks.

1.

From the following information, prepare a cash budget for the period from 1st June 2018 to 30th September 2018.

	Credit Sales	Credit Purchase	Expenses
April	1600	850	500
May	1850	920	580
June	2100	1000	655
July	2450	1200	760
August	1800	900	549
September	1820	980	560

Additional information:

Expected cash balance as on 1st June Rs.105.

Expected cash sales per month Rs.150.

Expected cash purchases per month Rs.50.

Credit period allowed to debtors / by creditors - 1 month.

Lag in payment of expenses - 1 month.

Lag in payment of selling commission (at 2% on credit sales only) - 1 month.

Expenditure on machinery worth Rs.500 is payable in July.

(10)

2.

a) According to a factory job cost ledger, a Job incurred the following prime costs:

Direct material: 35 kg at Rs.15.00 per kg
 Direct wages: dept X: 20 hrs at Rs.21.00 / hr
 dept Y: 30 hrs at Rs.18.00 / hr
 Budgeted OH for the month (i.e., standard)
 dept X: Rs.3600 for 900 direct labour hours
 dept Y: Rs.4800 for 1000 direct labour hours
 Total budgeted direct labour hours for factory 2200
 Total budgeted fixed expenses for factory Rs.9900

Calculate the cost of the Job.

[P.T.O.]

- b) A standard product is manufactured through 2 successive processes, P₁ and P₂. March-2018 data (in Rupees) is given below:

	P ₁	P ₂
Materials consumed	15,000	7,500
Wages recorded	9,000	18,000
Other direct costs	3,000	7,500

Overhead expense for March-2018 is Rs.11,250 recoverable on wages basis. Prepare a process cost sheet if 50 units are produced in March 2018.

(5+5=10)

3.

a)

- i. Calculate the various sales variances:

Budgeted sales		Actual sales	
Quantity	Price	Quantity	Price
305,000	75	315,000	72

- ii. Calculate the various material (cost) variances:

Standard input of a material: 380 kg @ Rs.44 per kg
 Actual input of the material: 385 kg @ Rs.42 per kg

- b) A firm sells its product for Rs.60 per unit and the annual sales are budgeted at 25,000 units. Fixed costs are Rs.225,000 annually, and variable cost is Rs.48 per unit.

- i. What is the profit or loss of the firm and the P/V ratio?
 ii. Find the break-even point and margin of safety.

(5+5=10)

4.

- a) Given the following information, calculate the value of the WIP at the end of the period. Process cost: Rs.185,625; units started & completed during the cost period: 2700; WIP at the end of the period (50% complete): 1500; units at the beginning of period (25% complete): 900.

- b) Data regarding incomplete contract as on 31.03.18 is listed below:

Contract price	900,000
Work certified	600,000
Estimated cost of contract completion	720,000
Cash received	480,000
Uncertified work	42,000
Contract cost (till 31.03.18)	570,000

Calculate the profit to be credited to the P&L for the year ended 31.03.18.

(5+5=10)

5.

- a) Prepare a Cost Sheet from the following information :

Raw Materials on 1 st October 2015	Rs 60600
Finished goods on 1 st October 2015	Rs 35900
Raw Material on 31 st October 2015	Rs 75000
Finished Goods on 31 st October 2015	Rs 30900
Purchase of raw materials	Rs 285700
Direct Wages	Rs 375000
Factory Expenses	Rs 212500
Office and administration expenses	Rs 103400
Selling and Distribution expenses	Rs 75000
Carriage Inward on raw material	Rs2600

- b) A firm requires 16000 units of a certain component, which it buys at Rs 60 each. The cost of placing an order and following it up is Rs 120 and the annual storage charges works out to be 10% of the cost of the component. What should be the number of units for which the firm should place an order at a time in order to get maximum benefit?

(5+5=10)

6.

- a) Explain any 2 advantage of Cost Accounting over Financial Accounting.
 b) Explain the difference between Fixed Cost, Variable Cost and Semi Variable cost with examples.
 c) Draw a stores ledger account recording the following transaction that took place in January 2016 under the FIFO method:

1 st Jan	Opening stock	200 pieces @Rs 2 each
5 th Jan	Purchases	100 pieces @Rs 2.20 each
7 th Jan	Issues	150 pieces
10 th Jan	Purchases	150 pieces @ Rs2.40each
12 th Jan	Issues	100 pieces

(2+3+5=10)

7.

Two materials X and Y are used as follows:

Minimum Usage: 50 units per week each
 Maximum Usage: 150 units per week each
 Normal Usage : 100 units per week each
 Reorder quantity: X =600 units and Y = 1000 units
 Delivery period: X = 4 to 6 weeks
 Y =2 to 4 weeks

Calculate for each material (i) Minimum Level (ii) Maximum Level (iii) Reorder Level
 iv)Average Stock level

(2+3+3+2=10)

[P.T.O]

8.

- a) From the following details calculate the total earnings of a worker and the effective hourly rate of labour wages where the bonus is paid under (i) The Halsey Plan (ii) The Rowan plan :

Basic rate of wages per hour = Rs 3.60

Time allowed for the job = 16 hours

Time actually taken = 12 hours

- b) Particulars of 3 machines used in a factory are as under (six week period: 160 hours working):

	Machine 1	Machine 2	Machine 3
Cost of Machine (Rs)	10000	15000	20000
Number of Workers	2	5	10
Direct Wages (Rs)	300	800	1200
Power (Rs)	45	80	150
Light Points	2	4	6
Area Occupied (sq mts)	100	250	400

The expenses incurred during the period were as follows:

Power	275
Lighting	48
Rent and Rates	450
Repairs	1800
Canteen Expenses	450
Depreciation	1350

Compute the machine hour for each machine.

(5+5=10)

1stYear (Sem-II) BBA University Examination, 2018
(1st/2nd Semester/Repeat/Supplementary/ Spl Supplementary/Old /Annual/Bi-Annual)
SUBJECT: ORGANIZATIONAL BEHAVIOUR
PAPER: Theory (BBA 203)

TIME: 2hrs**FULL MARKS: 50***Answer any five questions; each question carries equal marks.*

1.
 - a) "Leaders often act very differently toward different people". – Why do you think this happens?
 - b) How does the leader choose which employee is an 'in-group' member?
 - c) How does this leader-member interaction affect job satisfaction of employees?
(2+3+5=10)
2.
 - a) Discuss operant conditioning with real life example.
 - b) Discuss various types of reinforcement, which are directly related to learning behavior.
(5+5=10)
3.

"When we observe people, we attempt to develop explanations of why they behave in certain ways"- Can the Attribution Theory explain this statement? Discuss.
(10)
4.
 - a) "Organizational behavior investigates the impact that individuals, work groups and organisational system within organisations" – substantiate and elaborate the definition of Organizational Behavior (OB) with a discourse on individual, work group and organizational system dynamics.
 - b) Explain briefly the behavioral disciplines contributing to the field of OB?
(6+4=10)
5.
 - a) Define any two dependent variables in organizational behavior model- i) Productivity ii) Deviant work place behavior iii) Organizational Citizenship Behavior.
 - b) What is learning and what are the major theories of learning?
 - c) Explain any one of the two conditioning theories, with suitable examples.
(4+3+3=10)
6.

"The person-organization" fit essentially argues that people are attracted to and selected by organizations that match their personalities and they leave organizations that are not compatible with their personalities". – Discuss in the light of Holland's Typology of personality and Congruent Occupations.
(10)
7.
 - a) What are biases?
 - b) How do they affect individual decision making?
 - c) Suggest some measures to minimize the impact of biases.
(2+4+4=10)
8.
 - a) What are the major predictions of goal-setting?
 - b) Why are people motivated by difficult goals?
(5+5=10)

1stYear (Sem-II) BBA University Examination, 2018
(1st/2nd Semester/Repeat/Supplementary/ Spl Supplementary/Old /Annual/Bi-Annual)
SUBJECT: BUSINESS LAW
PAPER: Theory (BBA 204)

TIME: 2hrs

FULL MARKS: 50

Answer any five questions; each question carries equal marks.

1.

A contract can be classified according to Validity, Performance and Formation. Explain each of these types of Contract with suitable example.

We were ruled by British people and derived rules from them as well as created our own law. Write in detail different Sources of Law.

(6+4=10)

2.

Consideration is an essential element of contract. Explain it with suitable example.

Discuss the legal rules of Consideration.

Explain the exceptions to the rule "No Consideration no Contract".

(3+3+4=10)

3.

Discuss discharge of a contract by Mutual Agreement with suitable examples.

Insurance contracts are wagering in nature in spite of that it is a valid contract. Explain.

Explain Contingent contract with appropriate example.

(4+4+2=10)

4.

Discuss discharge of contract by Supervening impossibility with example.

When a contract is not performed there is breach of contract. Elucidate the consequences of Breach of contract.

(5+5=10)

5.

Write about the essentials of a contract of Sale.

Caveat Emptor means Buyer be aware. Explain the exceptions to this doctrine.

State the meaning of condition and warranty with example.

(3+5+2=10)

6.

Transfer of ownership relates to passing of risk. Explain

Write about the Rights of the Buyer of goods.

Explain the Duties of the Buyer of goods.

(3+3+4=10)

7.

Define Bailment.

State the degree of care to be taken by Bailee.

What is Pledge?

Can a person other than the true owner make a valid pledge of goods?

(2+3+2+3=10)

8.

Distinguish between Contract of Indemnity and Contract of Guarantee.

What are the rights of Indemnity holder when sued?

(5+5=10)

1stYear (Sem-II) BBA University Examination, 2018
 (1st/2nd Semester/Repeat/Supplementary/ Spl Supplementary/Old /Annual/Bi-Annual)
SUBJECT: MANAGERIAL ECONOMICS (MACRO)
PAPER: Theory (BBA 205)

TIME: 2hrs

FULL MARKS: 50

Answer any five questions; each question carries equal marks.

1.

Following is a fact sheet for Indian Economy:

Gross domestic product: 2.26 lakh crores USD (2016) Trending, World Bank

GDP per capita: 1,709.39 USD (2016) World Bank

GDP growth rate: 7.1% annual change (2016) World Bank

GNI per capita: 6,490 PPP dollars (2016) World Bank

Gross national income: 8.59 lakh crores PPP dollars (2016) World Bank

Define and explain the significance of each of the terms above to ascertain the performance of India as an economy.

(5x2=10)

2.

a) Consider an economy described by the following equations:

$$Y = C + I + G$$

$$Y = 5000$$

$$G = 1000$$

$$T = 1000$$

$$C = 250 + 0.75 (Y - T)$$

$$I = 1000 - 50r$$

- i. In this economy compute private saving, public saving and national saving.
 - ii. Find the equilibrium interest rate.
 - iii. Now suppose that G rises to 1250. Compute private saving, public saving and national saving.
 - iv. Find the new equilibrium interest rate.
- b) What is quantity theory of money? State the classical money demand function in this context. What is Fisher effect?

[(2+1+2+1)+(2+1+1)=10]

3.

Discuss using IS-LM model the impact of an expansionary fiscal policy on income and interest rate using a suitable diagram.

(10)

4.

Write a note on the different types on unemployment. Discuss the relation between inflation and unemployment with the help of Phillips Curve.

(5+5=10)

5.

Define Economic Growth. What are the factors that affect growth of an economy? Differentiate between economic growth & development.

(2+5+3=10)

[P.T.O.]

6. Critically evaluate Rostow's stages of growth theory. (10)
7. With the help of Harris Todaro model explain the huge migration from rural to urban areas in the case of developing countries. Mention two policy implications of the model. (8+2=10)
8. Compare the doctrine of Balanced Growth to the Doctrine of Unbalanced Growth. (10)

1stYear (Sem-II) BBA University Examination, 2018
(1st/2nd Semester/Repeat/Supplementary/ Spl Supplementary/Old /Annual/Bi-Annual)
SUBJECT: FUNDAMENTALS OF HUMAN RESOURCE MANAGEMENT
PAPER: Theory (BBA 206)

TIME: 2hrs**FULL MARKS: 50****Answer any five questions; each question carries equal marks.**

1.

Give your views on the following:

- a) "A company's employees are its greatest asset and at the end of the day you bet on people, not on strategy".
- b) In recent years, the Quality of Work Life (QWL) has generated much interest. QWL attempts to unlock the creative potential of its people by involving them in decisions affecting their work lives.

(5+5=10)

2.

- a) Define recruitment. How does it differ from selection?
- b) What constitutes a successful recruitment initiative?
- c) What are the criteria that selection tests must satisfy in order to be helpful?

(4+4+2=10)

3.

The scope of HRM begins with the entry of an employee and ends with the exit of the employee.

- a) Discuss the scope of HRM in personnel management and employee welfare.
- b) Discuss the major trends affecting HRM and the changing role of the HR manager thereof.

(6+4=10)

4.

- a) What is performance appraisal?
- b) Based on its purpose, attempt a categorization of performance appraisal. Give suitable examples.
- c) Identify and explain the advantages and disadvantages of self-appraisal.

(2+5+3=10)

5.

Write short notes on the following.

- a) Employee Life Cycle
- b) Internal Mobility

(5+5=10)

6.

- a) Define Procedural Justice and Workplace Due Process.
- b) Why should procedural justice be upheld in organizations?
- c) What is an employee-voice system and why is it required?

(5+2+3=10)

7.

"If you pick the right people and give them the opportunity to spread their wings and put compensation as a carrier behind it you almost don't have to manage them". -Jack Welch.

- a) Enumerate the types of compensation available for employees.
- b) Discuss factors influencing compensation levels.

(2+8=10)

8.

- a) What is induction and what is its purpose?
- b) Explain any two strategic choices influencing the designing of induction and orientation programmes.

(4+6=10)

1stYear (Sem-II) BBA University Examination, 2018
(1st/2nd Semester/Repeat/Supplementary/ Spl Supplementary/Old /Annual/Bi-Annual)
SUBJECT: COMPUTER PROGRAMMING LAB
PAPER: Practical (BBA 207P)

TIME: 3hrs

FULL MARKS: 50

[Group A]

All Questions are Compulsory.

1.
Write a C program to input electricity unit charge and calculate the total electricity bill according to the given condition:

For first 50 units Rs. 0.50/unit

For next 100 units Rs. 0.95/unit

For next 100 units Rs. 1.40/unit

For unit above 250 Rs. 1.90/unit

An additional GST of 18% is added to the bill.

(15)

2.
Write a program to enter n elements to an array and sort the list in descending order using selection sort technique.

(15)

3.
Viva-Voce

(10)

4.
Lab File

(10)

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SUBJECT: COMPUTER PROGRAMMING LAB
PAPER: Practical (BBA 207P)

TIME: 3hrs

FULL MARKS: 50

[Group B]

All Questions are Compulsory.

1.

Write a program that prompts the user to input number of calls and calculate the monthly telephone bills as per the following rule:

Minimum Rs. 200 for up to 100 calls.

Plus Rs. 0.60 per call for next 50 calls.

Plus Rs. 0.50 per call for next 50 calls.

Plus Rs. 0.40 per call for any call beyond 200 calls.

Add 18% GST with the final bill

(15)

2.

Program to enter n elements to an array and sort the list in ascending order using bubble sort technique.

(15)

3.

Viva-Voce

(10)

4.

Lab File

(10)

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1stYear (Sem-II) BBA University Examination, 2018

(1st/2nd Semester/Repeat/Supplementary/ Spl Supplementary/Old /Annual/Bi-Annual)

SUBJECT: COMPUTER PROGRAMMING LAB

PAPER: Practical (BBA 207P)

TIME: 3hrs

FULL MARKS: 50

[Group C]

All Questions are Compulsory.

1.

Write a C program to calculate tax, given the following conditions:

If income is less than, 1,50,000 then no tax

If taxable income is in the range 1,50,001-300,000 then charge 10% tax

If taxable income is in the range 3,00,001-500,000 then charge 20% tax

If taxable income is above 5,00,001 then charge 30% tax.

Apply rebate of Rs. 5000 if tax paid more than 10000

(15)

2.

Write a program to check whether one number is present in the list of numbers stored in an array or not. If present print the position(s).

(15)

3.

Viva-Voce

(10)

4.

Lab File

(10)

Form A: Paper-setting Blank

Ref No: EX/BBA/207P/2018

1stYear (Sem-II) BBA University Examination, 2018
(1st/2nd Semester/Repeat/Supplementary/ Spl Supplementary/Old /Annual/Bi-Annual)

SUBJECT: COMPUTER PROGRAMMING LAB

PAPER: Practical (BBA 207P)

TIME: 3hrs

FULL MARKS: 50

[Group D]

All Questions are Compulsory.

1.
Write a program to print roots of a quadratic equation. (15)
2.
Write a program to check whether the entered string is palindrome or not without string library function. (15)
3.
Viva-Voce (10)
4.
Lab File (10)