

**B.Com (Hon's) DEGREE EXAMINATION  
MODEL QUESTION PAPER  
III SEMESTER  
DSC4C-QUANTITATIVE TECHNIQUES-II**

**Time:3 Hours**

**Max. Marks: 75**

**SECTION-A**

**Marks 5X3=15**

I Write short notes on any **five** of the following. Each question carries 3 marks.

- a) Uses of analysis Skewness
- b) What is free hand curve method
- c) Define the term secular trend
- d) Karl pearson's Co-efficient model
- e) Discuss the procedure of cost of living index
- f) What is economic barometer
- g) What is pachee's method
- h) What is symmetrical and asymmetrical distribution

II Answer any one question from each unit, it carries 12marks

12x5=60

**UNIT-I**

2. Calculate 5yearly moving averages for the sales of XYZ company

Year	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Sales	105	110	100	115	120	122	118	125	130	134	142	145	148	150	155

**(Or)**

3. Calculate Pearson's co-efficient of skewness by using the information given below.

Class	10-20	20-30	30-40	40-50	50-60	60-70
Frequency	2	4	8	10	12	14

**UNIT-II**

4. Calculate co-efficient of correlation for the given data by least square method and verify the answer with the help of Karl person's co-efficient of correlation

X	6	9	8	7	5
Y	3	4	5	2	1

**(Or)**

5. From the data given below calculate the regression equation by taking deviations from the mean of X and Y series and estimate Y when X is 12 and estimate X when Y is 14

X	1	2	3	4	5	6	7	8
Y	4	6	8	9	12	15	16	18

### UNIT-III

6. Construct fisher's Ideal Index for the given information and check whether fisher's formula satisfies time reversal and factor reversal tests.

Items	A	B	C	D	E	F
P0	16	12	14	20	30	40
Q0	5	10	8	6	3	2
P1	20	18	16	22	90	50
Q1	6	12	10	10	5	5

(Or)

7. Construct consumer price index by family budget method

Items	Paddy	Pulses	Oil	Clothing	house
Quantity	35	5	6	20	22
Units	kgs	kgs	lts	mts	nos
P1	12	20	22	15	500
Q1	16	22	25	20	600

### UNIT-IV

8. Fit Poisson distribution for the information given below

X	0	1	2	3	4	5
F	12	16	18	10	20	22

(Or)

9. In a game with 13 playing cards, what is the probability that the player can hold 4 aces?

### UNIT-V

10. A normal distribution has a standard deviation of 100 and mean 400 find the area of standard normal variable in each of the following cases

(a)  $X = 300$     b)  $X = 350$     c)  $X = 450$     D)  $X = 500$     E) between 200 and 250

(Or)

11. Fit a binomial distribution to the following data?

X	0	1	2	3	4	5
F	28	62	46	10	4	10
F <sub>x</sub>	0	62	92	30	16	10

**B.Com (Hon's) DEGREE EXAMINATION  
MODEL QUESTION PAPER  
III SEMESTER  
DSC1C:- TAXATION (DIRECT AND INDIRECT)**

**Time:3 Hours**

**Max. Marks: 75**

**SECTION-A**

**Marks 5X3=15**

I Write short notes on any **five** of the following. Each question carries 3 marks.

- a. Define person
- b. What is partial agricultural income
- c. Carry forward losses
- d. Municipal rental value
- e. Casual trader
- f. Declared goods
- g. A.P VAT
- h. Cash discount

II Answer any one question from each unit, it carries 12marks

12x5=60

**UNIT-I**

1.Explain the concept of income and give its features.

**(Or)**

2.Write any five fully exempted and five partially exempted in comes under section:10

**UNIT-II**

3. Mr. Hari working in a bank, submits you the following particulars. Compute salary income.

- i. Basic pay Rs.35,000 p.m
- ii. D.A Rs. 15,000 pm (part of salary)
- iii. Bonus 10% salary
- iv. Arrears of salary Rs. 60,000
- v. Overtime remuneration Rs. 40000
- vi. Leave encashed Rs. 24,000
- vii. Rent free staff quarter with furniture 60,000 p.a
- viii. Leave travel concession Rs. 10,000
- ix. Children Education Allowance Rs. 1600 p.m for 2 children
- x. Employee and Employer's contribution to SPF Rs. 42,000 (Each)
- xi. Employment tax paid by employee Rs. 4,800.

**(Or)**

4. Compute income from house Property

Particulars	Houses A(Rs)	Houses B(Rs)
Municipal value	30,000	40,000
Fire rental value	40,000	50,000
Standard rent	37,500	34,000
Actual rent	35,000	55,000
Municipal taxes	10%	15%
Interest on loan	4000	5000
Date of construction	1-6-2009	12-4-12
Actual repair expenses	4000	3000

**UNIT-III**

5. Compute total income of Mrs. Vijaya and Indian resident of 30 years age for the current assessment year.

Gross salary	1,72,000
Income from house property (Computed)	40,000
Short term capital loss	20,000
Long term capital loss (Building)	24,000
Income from profession	10,000
Interest on securities (gross)	8,000
Income from Govt. Securities (gross)	33,500
She donated to the P.M. National Relief Fund	10,000

**(Or)**

6. Explain the provision of I.T. Act , 1961 regarding carry forward and set-off losses.

**UNIT-IV**

7. Define dealer, deemed dealer and registered dealer.

**(Or)**

8. What are the objectives of VAT?

**UNIT-V**

9. Explain the differences between VAT & Sales Tax with suitable examples?

**(Or)**

10. What is CENVAT? Explain the features and the advantage of CENVAT scheme.

**B.Com. (Hons.) DEGREE COURSE - II YEAR**

**DSC 3C : SEMESTER III – ACCOUNTING SOFTWARE TALLY**

**Model Question Paper 2016-17**

**Time 3 Hours**

**PART A**

**Total Marks 75**

**Q.1. Answer any FIVE questions of the following**

**5 X 3 = 15 Marks**

- a) Type of vouchers
- b) components of Gateway of Tally
- c) Inventory
- d) Taxes and discounts
- e) Classification of VAT
- f) TDS
- g) Pay Roll
- h) Service Tax

**PART B**

**Marks 5 X 12 = 60**

**UNIT I**

Q.2. Explain the steps to create a company and its features in Tally ?

OR

Q.3. Explain the steps to creation and alteration of vouchers with suitable examples.

**UNIT II**

Q.4. How do you prepare Inventory vouchers in Tally ?

OR

Q.5. Explain the importance of vouchers and how do you verify them

**UNIT III**

Q.6. Explain the features of VAT and its exemptions

OR

Q.7. Explain VAT implication on exports and imports of goods

**UNIT IV**

Q.8. What is meant by Service Tax and explain its merits to the Govt

OR

Q.9. Explain Advance and Balance payments in TDS Report generation

**UNIT V**

Q. 10. Explain the features and types of Pay Roll

OR

Q. 11. Steps to create the employee Pay Roll vouchers and attendance.