

(Pages : 3)

N – 7503

Reg. No. : .....

Name : .....

**Fourth Semester B.A./B.Sc. Degree Examination, August 2022**

**First Degree Programme Under CBCSS**

**Language Course - English**

**EN 1411.1/EN 1411.3 : READINGS IN LITERATURE**

**(Common for Career Related 2(a) courses)**

**(2019 Admission Onwards)**

Time : 3 Hours

Max. Marks : 80

- I. Answer **all** questions each in a word or a sentence:
1. What was the context for writing "Song to the men of England"?
2. Where was the poem "The Gift Outright" first recited?
3. What does Oodgeroo Noonuccal mean by 'Dream Time'?
4. In which language was the poem "Agony" first written? Who translated it into English?
5. Where is the tale "The Power of Faith" taken from?
6. Why did Jerome go to the British Museum?
7. What does "The end of Imagination" critique?
8. Where does the play *A Marriage Proposal* begin?

P.T.O.

9. Who wrote *The Cherry Orchard*?
10. What did Uma write in the pages of the family almanacs?

(10 × 1 = 10 Marks)

II. Answer any **eight**, each in a short paragraph not exceeding **50** words:

11. Explain the phrase 'salvation in surrender.'
12. What is the theme of the poem "I Can't Help Blossoming?"
13. How does the poem "Agony" describe the physical features of the old woman?
14. Discuss the memories of home in "House of a Thousand Doors."
15. What does Kochuraman decide to learn?
16. How did marriage affect Uma's education?
17. Who is Pyarimohan?
18. Analyse the title "The Power of Faith."
19. Explain the term 'pro-nuke elite.'
20. Who is Earl Little?
21. Who was Babu Kuruvila?
22. Describe Lomov's and Natalia's first quarrel.
23. Explain 'Ku Klux Klan'.
24. What are the social evils that Tagore critiques in his story 'The Exercise Book'?
25. How does the play *A Marriage Proposal* end?
26. What is Corroboree?

(8 × 2 = 16 Marks)

III. Answer any **six**, each in a paragraph not exceeding **100** words:

27. Discuss the humour in "Telephone Conversation."
28. Why cannot the Classia flower help blossoming?
29. What are the similarities Atwood draws between the exterior and interior landscapes?
30. Comment on the title 'Madness.'
31. Analyse the significance of the Exercise Book in Tagore's story.
32. Describe the character of Natalia.
33. What role does Tschubukov play in *A Marriage Proposal*?
34. Comment on the relationship between the girl and the narrator in "Identity Card."
35. How did Kochuraman become a wealthy man?
36. Bring out the humour in the story "The Man Who was a Hospital".
37. What will be the impact of nuclear war on environment?
38. How does the social agency displace the family of Malcom?

**(6 × 4 = 24 Marks)**

IV. Answer any **two** in about **300** words:

39. Discuss the poem "We Are Going" as an aboriginal perspective on colonization.
40. What is the message that the poem "I Can't Help Blooming"? – Convey.
41. Attempt a character sketch of Krishnan in "Madness."
42. Bring out the humour in "The Power of Faith."
43. Comment on Arundathi Roy's views on the Theory of Deterrence.
44. How does Chekov satirize the Contemporary attitude of society to marriage through "*A Marriage Proposal*"?

**(2 × 15 = 30 Marks)**

(Pages : 4)

N – 7899

Reg. No. : .....

Name : .....

**Fourth Semester B.Com. Degree Examination, August 2022**

**First Degree Programme under CBCSS**

**Core Course :**

**CO 1442/TT 1442/CX 1442/HM 1442 : BANKING AND INSURANCE**

**(Common for Commerce/Commerce and Tourism and Travel  
Management/Commerce and Tax Procedure and Practice/Commerce and  
Hotel Management and Catering)**

**(2019 admission onwards)**

Time : 3 Hours

Max. Marks : 80

**SECTION – A**

Answer all questions. Each question carries 1 mark.

1. Define banking.
2. Name the central bank of USA.
3. Expand CORE.
4. What is consumer banking?
5. What is EFT?
6. What is time policy?
7. What is tele banking?
8. What is meant by risk in insurance?

P.T.O.

9. What is CRR?

10. What is KYC?

**(10 × 1 = 10 Marks)**

**SECTION – B**

Answer **any eight** questions. Each question carries **2** marks.

11. What is liquidity management in banks?
12. Write any three retail banking products.
13. Write a note on Bank rate policy of RBI.
14. Explain Statutory Liquidity Ratio (SLR).
15. What are the precautions to be taken by the banker while dealing with a married woman?
16. Write a note on KYC norms.
17. What is an Electronic Cheque?
18. What is ideal capital adequacy ratio?
19. What are the features of mobile banking?
20. What is green banking?
21. What is Bank overdraft?
22. What is ALM?
23. What is the need of FDI in insurance sector in India?

24. What is non financial risks?
25. What is the Principle of Proximate Cause?
26. What is the basic logic behind the merger of banks?

**(8 × 2 = 16 Marks)**

**SECTION – C**

Answer **any six** questions. Each question carries **4** marks.

27. Explain the procedure of credit creation.
28. What are the Special features of Bankers right of General Lien?
29. What are the different types of deposits accepted by bank?
30. Explain the procedure to open a bank account.
31. Explain general policies of RBI.
32. Explain various types of insurance claims.
33. What are the precautions to be taken by the banker while dealing with a minor?
34. Explain the role of DRT.
35. Write a note on Bank Ombudsman.
36. What are the types of NPA?
37. What are the features of insurable risks?
38. Explain the importance of insurance.

**(6 × 4 = 24 Marks)**

SECTION – D

Answer **any two** questions. Each question carries **15** marks.

39. Which are the digital platform based banking services offered by banks in India?
40. Explain the types of Insurance.
41. Explain the role and functions of IRDA in insurance business.
42. Explain the functions of RBI.
43. Explain the reforms made in banking sector of India.
44. Who is a customer? Explain the relationship between banker and customer.

**(2 × 15 = 30 Marks)**

(Pages : 4)

N – 8052

Reg. No. : .....

Name : .....

**Fourth Semester B.Com. Degree Examination, August 2022**

**Career Related First Degree Programme under CBCSS**

**Core Course V :**

**TT 1441/CX 1441/ HM 1441 : BUSINESS REGULATORY FRAME WORK**

**(Common for Commerce and Tourism and Travel Management/Commerce  
& Tax Procedure and Practice/Commerce and Hotel Management and  
Catering)**

**(2019 Admission Onwards)**

Time : 3 Hours

Max. Marks : 80

SECTION – A

Answer all questions. Each question carries 1 mark.

1. Define Law.
2. What is meant by Mistake?
3. What is 'Quantum Meruit'?
4. Define Bailment.
5. What is Lien?
6. What do you mean by Nominal damages?
7. What do you mean by absolute contract?

P.T.O.

8. What do you mean by intention to create legal relations?
9. Define Acceptance.
10. What is 'Consensus ad idem'?

**(10 × 1 = 10 Marks)**

**SECTION – B**

Answer any **eight** questions. Each question carries **2** marks.

11. What do you mean by 'persons not competent to contract'?
12. What is meant by free consent?
13. What do you mean by capacity to parties?
14. What is the rule regarding breach of warranty?
15. Who are included in persons disqualified by any law?
16. What is unfair trade practice?
17. 'A minor has no privilege to cheat others' - Explain.
18. What are the types of Conditions?
19. What is 'specific' goods?
20. Write any two ways in which contract of agency is created.
21. What is the rule regarding the capacity of an agent in the contract of agency?
22. Write any two Rights of the Pledgee.
23. What do you mean by privity of consideration?
24. What is the major difference between agent and Sub-Agent?
25. What is breach of contract?
26. What do you mean by bilateral mistake?

**(8 × 2 = 16 Marks)**

### SECTION – C

Answer any **six** questions. Each question carries **4** marks.

27. Write a note on Intellectual Property Rights.
28. What are the different types of quasi contracts?
29. What are the legal effects of wagering agreement in India?
30. What are the Rights of Consumers?
31. Distinguish between Misrepresentation and Fraud.
32. What are the rights of the finder of goods?
33. What are the reliefs available to Consumers regarding damaged goods?
34. What are the exceptions to the general rule of “No Consideration, No Contract”?
35. List out the essentials of a valid contract.
36. What are the important features of Consumer Protection Act, 1986?
37. Explain different types of an Agent.
38. What are the elements of mistake?

**(6 × 4 = 24 Marks)**

### SECTION – D

Answer any **two** questions. **Each** question carries **15** marks.

39. Who is a surety? Explain his rights and liabilities.
40. What is discharge of contract? Explain the different modes for discharging a contract.
41. Briefly explain the role and objectives of IRDA.

- 
42. Explain different Consumer Disputes Redressal Agencies under Consumer Protection Act, 1986.
  43. Explain the rights and duties of buyer under Sale of Goods Act, 1930.
  44. Explain the powers and functions of Information Commission.

**(2 × 15 = 30 Marks)**

(Pages : 4)

N – 8054

Reg. No. : .....

Name : .....

**Fourth Semester B.Com. Degree Examination, August 2022**

**Career Related First Degree Programme under CBCSS**

**Commerce and Tax Procedure and Practice**

**Vocational Course – VI**

**CX 1472: INCOME TAX ASSESSMENT II**

**(2019 Admission Onwards)**

Time : 3 Hours

Max. Marks : 80

**SECTION – A**

Answer **all** questions in **one** or **two** sentences. Each question carries **1** mark.

1. Define assessment.
2. What is ITR?
3. Define dividend.
4. Define foreign company.
5. What is rebate?
6. What is closely held company?
7. What is Sec 115 JB?
8. What is Electoral Trust?
9. What do you mean by compulsory E-filing?
10. What is Book Profit?

**(10 × 1 = 10 Marks)**

P.T.O.

## SECTION – B

Answer any **eight** questions in **not exceeding one** paragraph. Each question carries **2** marks.

11. Define Charitable Purpose.
12. Define Indian Company.
13. Define Principal Officer.
14. What is marginal relief?
15. Define Co-operative society.
16. What is Oral Trust?
17. Define GAAR.
18. What is double taxation avoidance?
19. What is e-filing system?
20. Describe dividend.
21. Describe section 80GGA.
22. Explain ITR 6.
23. What is carry forward of losses?
24. What is SEZ?
25. What is accumulated depreciation?
26. Compute tax payable by the Company for the Assessment Year 2021-22 Total Income Rs. 20,00,000, Book Profit u/s 115JB Rs. 25,00,000.

**(8 × 2 = 16 Marks)**

## SECTION – C

Answer any **six** questions in not exceeding **120** words each. Each question carries **4** marks.

27. What is accumulated losses?
28. What are the deductions permissible to Co-operative Societies?
29. Explain the tax treatment of Charitable Trust.

30. Explain the role of electronic media in Income Tax.
31. Write a note on double taxation avoidance.
32. Describe the procedure of GAAR.
33. What is unilateral relief?
34. What are the advantages of E-filing?
35. When a company is said to be resident? Explain.
36. Explain DTAA.
37. During the previous year, a Charitable Trust earned an income of Rs.3,00,000 from property held for charitable purpose and Rs.3,00,000 from voluntary contribution. The Trust utilized the amount during the previous year as under :

	Rs.
(a) Spent for Charitable purpose in India	2,00,000
(b) Spend for Charitable purpose outside India	30,000
(c) Repaid the loan taken for construction of building for charitable purposes	3,00,000

Compute the taxable income of trust.

38. For the Assessment Year 2021-22 a company has calculated its "Book Profit" as per the provisions of Sec 115JB Rs.95 lakh as against the total income of Rs. 30 lakh for the same period as per the Statement of P and L of the Company. Calculate the amount of tax payable by the Company.

**(6 × 4 = 24 Marks)**

#### SECTION – D

Answer any **two** questions in not exceeding **4** pages each. Each question carries **15** marks.

39. What is the difference between double taxation relief and double taxation avoidance?
40. Explain the provisions of payment of tax by Companies u/s 115JB.
41. Explain the steps for e-filing return.

42. A domestic Company in which public are substantially interested submits the following particulars of its income of the Previous Year ended March 31, 2021.

	Rs.
Profits of business after deduction of donations to approved charitable institution	1,30,000
Donation to Charitable institution by cheque	30,000
Interest on Govt. securities	10,000
Dividend from domestic Company (Gross)	60,000
Long term capital gain	50,000
Book profits u/s 115JB	8,00,000

During the Financial Year 2020-21 the company deposited Rs.15,000 in Industrial Development Bank of India. The Company distributed gross dividend of Rs.1,00,000 on 06.12.2020.

Compute the taxable income of the company and tax payable by it for the Assessment Year 2021-22.

43. X is a resident in India for income tax purposes. His total income in the Previous Year 2020-21 is 6,45,000 which includes net foreign income of Rs. 45,000 (Income-Tax paid in foreign country, Rs. 5,000) from a country with which India does not have double tax avoidance agreement. Will X have allowed relief from double taxation? If so, what are the conditions prescribed for the purpose and what will be the amount of relief?
44. For the Assessment Year 2021-22 the jodhpur Co-operative Society derived total income from the following sources :

	Rs.
Income from Business	5,000
Income from processing the agricultural produce of its members (without the aid of power)	6,000
Income from fishing and allied activities	4,000
Income from Interest on Securities	2,500
Income from House Property	2,300

Compute the total income and tax liability.

**(2 × 15 = 30 Marks)**

(Pages : 6)

N – 8053

Reg. No. : .....

Name : .....

**Fourth Semester B.Com. Degree Examination, August 2022**

**Career Related First Degree Programme under CBCSS**

**Group 2(a)-Commerce and Tax Procedure and Practice**

**Vocational Course V**

**CX 1471 : INCOME TAX ASSESSMENT — I**

**(2019 Admission Onwards)**

Time : 3 Hours

Max. Marks : 80

**SECTION – A**

Answer **all** questions in **one** or **two** sentences. Each question carries **1** mark.

1. What are the heads of income under income tax Act?
2. What is Income tax return?
3. What is the maximum rate of interest allowable to partners in a firm?
4. What is meant by set off of losses?
5. Name the two main types of schools, which govern the Hindu Undivided family.
6. What is meant by PAN?
7. How do you treat the remuneration paid to 'Karta' in the assessment of HUF?
8. What is AOP in income tax assessment?

P.T.O.

9. What is meant by maximum marginal rate?
10. How the of share of profit received by a partner from a firm is treated in computing partner's income tax.

**(10 × 1 = 10 Marks)**

**SECTION – B**

Answer **any eight** questions not exceeding in one paragraph each. Each question carries **2** marks.

11. Define the term firm for income tax assessment.
12. When it is compulsory to file return of income?
13. Illustrate the meaning of the term previous year in Income tax.
14. State the conditions to be complied by a firm to deduct interest payable to its partners for income tax computation.
15. State the provisions to carry forward and set off of loss in case of change in constitution of a partnership firm due to partner's death or retirement.
16. State the differences between member and coparcener of an HUF.
17. Give the conditions for availing of the deduction for donation under section 80 G in income tax.
18. State the meaning of agricultural income in income tax?
19. How do you treat the following in income tax? (a) Amount received under a life insurance policy (b) Daily allowance received by a Member of Parliament (c) Children Education Allowance (d) Interest credited to Public Provident Fund.
20. Mr. X received Rs. 5,000 as interest on capital from an AOP in which he is a member and paid interest to such AOP Rs. 2,000. Mention the treatment of interest in the hands of AOP.
21. Mr. Gokul won a game on which he received prize Rs. 4,00,000 in cash and a car worth Rs.10,00,000. Compute his tax liability.

22. Mr. X came to India for the first time on 23 July 2020 and left India on 20 March 2021. What is his residential status for the AY 2021-22?
23. What is Partition of a HUF?
24. Mention four incomes, which are not taxed as an income of HUF.
25. What are the conditions to be fulfilled by a partnership firm to be assessed as a firm?
26. What is meant by book profit?

SECTION – C

(8 × 2 = 16 Marks)

Answer any six questions not exceeding 120 words each. Each question carries 4 marks.

27. Briefly discuss on partners' remuneration deductible by a firm in income tax computation.
28. Compute the taxable income of a firm from the following details:
  - (a) Number of partners in the firm four
  - (b) Taxable income before interest/Remuneration- Rs.13,00,000
  - (c) Interest on capital to partners Rs.1,80,000 (12% of Rs.15,00,000)
  - (d) Remuneration payable to partners Rs.8,22,000 (At Maximum Level for 4 partners at Rs.2,05,500 each payable in cash or cash/Kind)
29. Mr. Rahul (62 years) has a monthly salary of Rs. 30,000 and annual interest on his fixed deposit with Canara Bank 60,000. He paid: Professional tax Rs.10,000. Insurance premium to Life Insurance Corporation of India on a policy taken in 2018 on his son's life Rs. 30,000 (sum assured is Rs.2,40,000) and Health Insurance Premium on own policy by cheque Rs. 20,000 to National Insurance Co. Compute taxable income of Rahul for assessment year 2021-22 by claiming the deductions under the Income Tax Act, 1961.

30. Anoop, 35 years, has provided following details relating to his income for the previous year 2020-21:
- (a) Income from business Rs.13,00,000
  - (b) Income from saving bank interest Rs.42,000
  - (c) Interest on PPF Rs.36,000
  - (d) Investment in PPF Rs. 50,000. You are required to compute his tax liability under regular tax regime.
31. Explain the treatment agricultural income in income tax.
32. What is meant by perquisite? Discuss various taxable perquisites.
33. X is an employee with a basic pay Rs.40,000 per month and DA (from part of salary) Rs.20,000 per month in a Pvt. Ltd company in Delhi. He got a residential accommodation from the company in Noida for the period during 1 July 2020 to 31 January 2021. The accommodation is owned by the company. The population of Noida as per 2001 Census is 6,50,000. X paid Rs.1,000 per month as rent to the employer. Compute the value of accommodation.
34. AB Associates is an AOP consisting of two members. The income of AOP's for the previous Year 2020-21 is Rs.8,00,000. Other incomes of the A and B are Rs.1,20,000 and 2,10,000 respectively. Calculate the tax liability of AOP.
35. Discuss the role of Karta in a Hindu Undivided family.
36. Discuss the provisions for the carry forward losses in the assessment of income tax of a firm.
37. P, Q and R partners in a firm sharing profit and loss equally. The profit of the business for the year 2020-21 were Rs.1,35,000. For the year 2019-20, the firm incurred a loss of Rs.1,80,000 from business, which has not been set off. P died on 30.11.2020 and Q and R continued the business. Show computation of income and treatment of brought forward loss of the firm for the assessment year 2021-22.

38. From the following compute the gross total income of GK:

Income from Salaries Rs.2,00,000, Speculation income Rs.20,000, Loss on non-speculative businesses Rs.1,30,000, Income from agricultural activities Rs.10,000, Short term capital gain Rs.20,000, Long term capital Rs.1,00,000. Loss from activity of owning and maintaining race-horses Rs.40,000.

(6 × 4 = 24 Marks)

SECTION – D

Answer any two questions. Each question carries 15 marks.

39. Discuss (a) Transactions in which PAN is mandatory (b) Computation of tax liability of AOP/BOI where share of members is not known.
40. Explain the meaning, scope and procedure of *Summary Assessment and Income Escaping Assessment*.
41. Ghosh has the following salary (Rs) structure: (a) Basic salary 25,000 p.m. (b) Dearness Allowance 5,000 p.m. (not forming part of retirement benefit) (c) Tiffin Allowance 1000 p.m. (d) Bonus 48,000 p.a. (e) Free refreshment in office worth 4,000 p.a. (f) He has been provided a rent-free accommodation (owned by employer) in Kolkata. The house was allotted to him with effect from 1.5.2020 but he could occupy the same only from 1/6/2020. He also has long term capital gains Rs.1,00,000 and income from other sources Rs.20,000. He paid medical insurance premium by cheque for his dependent blind mother (certified as severe disable person), aged 70 years, Rs.20,000. He also paid donation to approved charitable institution through his bank account Rs.16,000. He paid professional tax Rs.4,000 during the year. Find his taxable income for the assessment year 2021-22.
42. NM Associates is an association of persons (AOP) consisting of two members, Neha & Meha (1:1). Income of the AOP for the previous year 2020-21 is Rs.5 Lakh. Income of Neha and Meha from other sources for the previous year 2020-21 is Rs.1,00,000 and Rs.3,00,000 respectively. Compute for the assessment year 2021-22: (a) the tax liability of the AOP and (b) the tax liability of members (Neha and Meha).

43. M, N, and O are partners sharing profits and losses in the ratio of 2:1:1 respectively. Their summarized Profit and Loss A/c for the year ending 31<sup>st</sup> March, 2021 is given below: Compute total income of the firm for the assessment year 2021-22.

Particulars	Rs.	Particulars	Rs.
Office salaries	4,600	Gross Profit	60,000
Telephone and Telegram	2,400	Rent Received	6,000
Interest on loan from M	2,000	Interest on Securities	14,000
Local taxes (let out property)	1,000		
Commission to partners M 4,000 N 5,000 O 6,000	15,000		
Salary to N	3,000		
Collection charges of interest on securities	1,000		
Bad debts reserve	1,000		
Net profit to partners M 25,000 N 1,25,000 O 12,500	50,000		
Total	<u>80,000</u>	Total	<u>80,000</u>

44. A Hindu Undivided Family is having four members, Mr. X (54 years), Mrs. X, major son and minor daughter. Mr. X, being the senior most member of the family is the karta of HUF. The HUF and the members of the HUF have earned the following incomes during the previous year 2020-21: (1) Rental income from a let out property earned by the HUF: Rs.5,00,000 (2) Long term capital gains earned by the HUF: Rs.2,00,000 (3) Gross salary of Mr. X from A Ltd. Rs. 6,00,000 (4) The HUF has an income of Rs. 1,00,000 from fixed deposit in a bank. (5) Mr. X has an income of Rs. 1,00,000 from fixed deposits in a bank. Determine the total income as well as tax liability of the HUF and Mr. X for the assessment year 2021-22 assuming that the HUF as well as Mr. X are resident and ordinary resident in India.

(2 × 15 = 30 Marks)

(Pages : 4)

N – 7907

Reg. No. : .....

Name : .....

**Fourth Semester B.Com. Degree Examination, August 2022**

**First Degree Programme Under CBCSS**

**Complementary Course**

**CO 1431/ CX 1431 / CC 1431 / HM 1431 : BUSINESS STATISTICS**

**(Common for Commerce/Commerce and Tax Procedure and  
Practice/Commerce with Computer Application/Commerce and Hotel  
Management and Catering)**

**(2019 Admission Onwards)**

Time : 3 Hours

Max. Marks : 80

**SECTION – A**

Answer **all** questions in **one** or **two** sentences each. **Each** question carries **1** mark.

1. What is statistics?
2. Write any two features of statistics
3. What is data?
4. What is Census method?
5. What is correlation?
6. What is range?
7. What is time series?
8. What is regression analysis?

P.T.O.

9. What is price index?
10. What is a sample point?

**(10 × 1 = 10 Marks)**

**SECTION – B**

Answer any **eight** questions in not exceeding **one** paragraph each. Each question carries **2** marks.

11. What is primary data?
12. What is the use of measures of dispersion?
13. Write any two limitations of sampling.
14. What is classification of data?
15. Write the formula to find out standard deviation,
16. What is moving average?
17. Write any four uses of statistics
18. Explain the terms Sensex and nifty
19. What is a regression line?
20. What is wholesale Price index number?
21. Write a note on cost of living index.
22. What is class limit?
23. What is questionnaire?
24. What is random sampling?
25. What is positive correlation and negative correlation?
26. What is non sampling error?

**(8 × 2 = 16 Marks)**

SECTION – C

Answer any **six** questions in not exceeding **120** words each. Each question carries **4** marks.

27. Write the features of statistical methods.
28. Explain the importance of data.
29. What are the prerequisites of sampling?
30. What are the important non probability sampling methods?
31. What are the objectives of classification of data?
32. Explain the objects and importance of tabulation.
33. What are the types of dispersion? Explain.
34. What are the uses of index numbers?
35. The following table gives the proportion of married women in India under various ages. Represent the data by bar diagram.

Age :	16	18	20	22	24
Married women in % :	9	12	34.2	52.3	72.4

36. From the following data calculate standard deviation.  
Marks : 24 28 32 36 40 44 48  
No. of students : 12 24 36 52 32 20 16
37. Compute mean deviation from mean and also calculate coefficient of mean deviation.  
Marks: 18, 20, 25, 28, 29, 28, 33, 38, 41, 40
38. From the following data, construct a simple aggregative price index.

Commodities	Price in 2010	Price in 2018
A	25	28
B	30	33
C	6.50	8.00
D	14.00	19.00
E	21.00	21.00

(6 × 4 = 24 Marks)

SECTION – D

Answer any **two** questions in not exceeding **four** pages each. Each question carries **15** marks.

39. Define statistics. Explain its importance and functions.
40. What is time series analysis? Explain its components.
41. Explain (a) Correlation analysis and its importance (b) Regression analysis. What are the differences between correlation and regression?
42. From the prices of shares of P and Q, you are required to find out which is more stable in value.

P : 30 49 47 48 51 53 46 45 47 44  
Q : 103 102 100 100 101 102 99 98 99 96

43. Construct index number by using Fisher's ideal formula and prove that it satisfies both the time reversal and factor reversal test.

Commodity	Base year		Current year	
	Quantity	Prices	Quantity	Prices
P	12	10	15	12
Q	15	7	20	5
R	24	5	20	9
S	5	16	5	14

44. The following tables gives age (X) in years of cars and annual maintenance cost Y (in hundred rupees)

X 1 3 5 7 9  
Y 15 18 21 23 22

Estimate the maintenance cost for a 4 year old car after finding the regression equations.

**(2 × 15 = 30 Marks)**