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B.Com SEM II 21-22 Question Papers

2022

Roll Nos
Total No of questions: 4
Total No of pages: 3

## 15 UN $^{13}$ Got Semester End Examination

Commercial Arithmetic-II
Gスaminotion semester II
Duration: 2 HIrs .


## Instructions:

1. All questions are compulsory. However internal choice has been provided for Q. 1 - Q. 4
2. Figures to right indicate full marks.
3. Use of non-programmable calculators are allowed.
4. Graph paper will be provided on request.

## Q1. Answer the following:

(4X5=20)
a) If $(7, a),(-5,2)$ and $(3,6)$ are collinear, find ' $a$ '.
b) If $f(x)=x^{2}-5 x+6, x \in \mathbb{R}$, find $f(a), f(k+1), f(x+3)$. Also find $x$ if $f(x+2)=f(x+1)$.
c) Evaluate $\lim _{x \rightarrow 2} \frac{x^{7}-128}{x^{5}-32}$.
d) Differentiate w.r.t. x
(i) $y=x^{3}+e^{x}-5\left(3^{x}\right)+15$
(ii) $y=\frac{(x-1)^{2}}{e^{x}}$

## OR

e) If $P=(2,1), Q=(-1,3), R=(-5,-3)$ and $S=(-2,-5)$, show that PQRS is a rectangle.
f) Find $f(g(x))$ and $g(f(x))$ if $f(x)=\frac{3 x+4}{5 x-7}$ and $g(x)=\frac{7 x+4}{5 x-3}$.
g) Evaluate $\lim _{x \rightarrow 0} \frac{1}{x^{2}+x-6}+\frac{1}{x^{2}-9 x+14}$.
h) Differentiate w.r.t. x
(i) $y=(7 x+5)(2 x+1)$
(ii) $y=2 \sqrt{x}+3^{x}$

Q2. Answer the following:
a) Find the equilibrium point and the equilibrium price when $D=40-5 p$ \& $S=3 p$. Also, state the value of the demand and supply at that point.
b) Find $\frac{d^{2} y}{d x^{2}}$ for the following
(i) $y=4 x^{3}+7 x^{2}-3 x+2$
(ii) $y=x^{5}-e^{x}$
c) If the income of Smita is $50 \%$ more than the income of Gita, then by what percent is the income of Gita less than the income of Smita
d) Solve the LLP by graphical method.

$$
\begin{gathered}
\text { Max } z=9 x+13 y \\
\text { such that, } 2 x+3 y \leq 18 \\
2 x+y \leq 10 \\
x, y \geq 0
\end{gathered}
$$

## OR

c) The total cost function $C=x^{2}+5 x+200$ where $x$ is the number of units manufactured. Find the average $\operatorname{cost}(\mathrm{AC})$. Also find the total cost and average cost when $x=10$
f) Find $\frac{d^{3} y}{d x^{3}}$ for the following $y=x^{4}+2 x^{3}-5 e^{x}+1$.
g) A pen is sold for ₹ 11 and makes the same percentage of profit for which it was purchased. Find its purchase price.
h) A company manufactures two types of lamps A \& B using two machines $\mathrm{M}_{1} \& \mathrm{M}_{2}$. Lamp A requires 2 hours at machine $\mathrm{M}_{1} \& 3$ hours at machine $\mathrm{M}_{2}$. Lamp B requires 4 hours at machine $M_{1} \& 1$ hour at machine $M_{2}$. The profit contributions from each lamp of type A is Rs. 30 \& of type B is Rs.20. the number of hours available per week on machine $\mathrm{M}_{1}$ and $\mathrm{M}_{2}$ are $40 \& 50$ hours respectively.

## Q3. Answer the following:

(4X5=20)
a) If $P$ divides line segment $A B$ in the ratio $3: 2$ internally where $A=(1,-2)$ and $P=(4,7)$, find the coordinates of $B$.
b) A function is defined as

$$
f(x)= \begin{cases}x^{2}-4, & 0 \leq x \leq 2 \\ 3 x+2, & 2<x \leq 4 \\ x^{2}-1, & 4<x \leq 6\end{cases}
$$

Discuss the continuity of $f(x)$ at $\mathrm{x}=2$ and $\mathrm{x}=4$.
c) The demand function of a commodity is given by $p=30+12 D-4 D^{2}$. Find
(i) The total revenue when demand is 4 units.
(ii) Average revenue when demand is 4 units.
d) Two brothers have their annual incomes in the ratio of 8.5 and their spending is in the ratio $5: 3$. If they save ₹ 2400 and ₹ 2000 respectively pa. find their incomes

## OR

c) $G$ is the centroid of $\triangle A B C$. If $A=(4,-3), B=(5, a), C=(b, 6)$ and $G=(-1,1)$ find $a$ and $b$.
f) If $f$ is continuous at $x=2$ where $f(x)=\left\{\begin{array}{ll}x^{2}-x+1, & 0 \leq x \leq 2 \\ 5 x+k, & 2<x \leq 4\end{array}\right.$ find $k$
g) The cost function is given by $C=x^{2}+x+20$. Find the average cost and marginal cost when $\mathrm{x}=10$.
h) A and B together can do a piece of work in 12 days, $B$ and $C$ can do the same in 15 days. If $A$ is twice as fast as $C$, in what period of time would $B$ alone complete the work?

## Q4. Answer the following questions.

a) Find the equation of line passing through the midpoint of the line segment joining $(2,7)$ and $(-4,1)$ and parallel to the line $2 x+5 y=5$.
b) Find the values of x , for which the function $f(x)=x^{3}-75 x+10$ is increasing and decreasing.
c) A publisher supplies 22 copies for every 20 copies of the book ordered and also allows a cash discount of $10 \%$, what is the net rate of discount to the buyer?
d) If $z=3 \frac{x^{5}}{y^{4}}$ show that $x \frac{\partial z}{\partial x}+y \frac{\partial z}{\partial y}=z$.

## OR

e) Find the equation of line perpendicular to $x-3 y+5=0$ and passing through the point of intersection of the lines $x+2 y-3=0$ and $3 x+4 y-5=0$.
f) Find the extreme values of the function $f(x)=2 x^{3}-15 x^{2}+36 x+5$. Also state the extreme values of $f(x)$ at the corresponding points.
g) The list price of an article is ₹ 1500 . The trader allows $5 \%$ discount and still earns $20 \%$ profit on the cost price. Find the cost price of article.
h) For the function $C(x, y)=x^{2}+y^{2}+90$, for two commodities x and y , find the marginal cost at $x=5$ and $x=1$.

Roll No:
Total No. of Questions: 06


Duration: 2 Hrs

## Instructions:

1) All questions are compulsory
2) Question number 1 and 2 Answer any four out of six (6) short notes.
3) Question numbers $3,4,5$ and 6 answer $A$ or $B$
4) Answer each new question on a fresh page.
5) Only Simple Calculators are allowed.
Q.1) Answer any FOUR of the following.

$$
(4 \times 4=16)
$$

1) Explain the term Sealed bid Pricing and Retail Pricing.
2) Explain the concept Peak Load Pricing with TWO examples.
3) A project requires an Initial Investment of Rs. 20,000 and generates the following Cash Inflows of 5 years. Calculate Payback Period of the project.

| Years | 1 | 2 | 3 | 4 | 5 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Cash Inflow | 6000 | 8000 | 5000 | 4000 | 4000 |

4) Explain in brief the concept of Social Cost Benefit Analysis.
5) What is Capital Budgeting? Explain any Two Approaches Determining the size of Capital Budget.
6) Explain any Four Limitations of Capital Budgeting.
Q.2) Answer any FOUR of the following.
7) What is profit? State and explain the methods of Profit Forecasting.
8) Explain in brief any Three Functions of Profit.
9) Explain the term Pure Strategy and Mixed Strategy.
10) Explain the term Certainty and Uncertainty in Decision making.
11) Mr. John owns a General store and wants to find your break-even point in units. Your Fixed Costs Total is Rs. 6.000 , your Variable Costs per unit is Rs. 25 , and your Sales Price per unit is Rs.50. Plug your totals into the break-even formula to find out your break-even point in terms of Physical units.
12) Explain the Process of Capital budgeting.
Q.3)
A) Discuss the Pricing Strategies under the Product Life Cycle based pricing method.

OR
B) State and explain in Detail the Objectives of Pricing Policy.
Q.4)
A) Explain the concept of Break-Even Analysis in Detail with the help of a chart.

## OR

B) State and Explain in detail the concept of Profit Limiting Factors.
Q.5)
A) Write a detail explanation on Factor Influencing Investment Decision.

## OR

B) Explain the concept of Types of Project in Capital Budgeting.
Q.6)
A) Discuss and explain the Concept of Prisoners Dilemma.
B) Explain in detail the Sources of Business Risk.

Roll No:
Total No. of Questions: 06
B. Com Semester End Examination

Duration: 02 Hrs.

Maximum Marks: 80 Marks

## Instructions:

1) Question No. I is Compulsory.
2) Q. No. 2 to Q. No. 6 answer any three Question.
3) Figures to the right indicate maximum marks allotted.
4) Provide sufficient margin space in the answer-book for recording marks.
5) Enter the appropriate main \& sub-question numbers in the answer-book.

Q1. The National Product Ltd. was incorporated with an Authorised Capital of ₹ $15,00,000$ divided into Equity Shares of ₹ 100 each. On $31^{\text {st }}$ December, 2019 the following were the ledger balances in the books of the company:

| Particular | Debit (₹) | Particular | Credit $(₹)$ |
| :--- | ---: | :--- | ---: |
| Plant and Machinery | $9,00,000$ | R.D.D. | 9,500 |
| Stock | $1,88,000$ | Sales | $10,38,000$ |
| Fixtures | 18,000 | Creditors | $1,25,000$ |
| Sundry Debtors | $2,18,000$ | Bills Payable | 95,000 |
| Building | $7,50,000$ | General Reserves | 60,000 |
| Purchases | $4,62,000$ | Profit \& Loss Account | 36,000 |
| Interim Dividend paid | 19,000 | Share Capital (Called up) | $11,32,000$ |
| Rent, Rates and Taxes | 12,000 | $6 \%$ Debentures | $7,50,000$ |
| General Expenses | 12,000 |  |  |
| Debenture Interest paid | 22,500 |  |  |
| Preliminary Expenses | 13,000 |  |  |
| Freight | 32,000 |  |  |
| Goodwill | 62,000 |  |  |
| Wages | $2,12,000$ |  |  |
| Cash in Hand | $1,00,000$ |  |  |
| Directors Fees | 16,000 |  |  |
| Bad Debts | 5,000 |  |  |
| Salaries | 54,000 |  | $\mathbf{3 2 , 4 5 , 5 0 0}$ |
| 4\% Govt. Securities | $1,50,000$ |  |  |
|  | $\mathbf{3 2 , 4 5 , 5 0 0}$ |  |  |

You are required to prepare Profit and Loss Statement for the year ending on $31^{\text {st }}$ December 2019 and Balance Sheet as on $31^{\text {st }}$ December, 2019 in the prescribed form under Indian Companies Act, 2013 after considering the following:
a) The stock on $31^{\text {st }}$ December, 2019 was valued at ₹ $2,50,000$.
b) Interest on Debenture for six months was outstanding.
c) Provide reserve for bad and doubtful debts at $5 \%$ on Sundry Debtors.
d) Preliminary expenses to be written off by $20 \%$.


1) Proviston for lacome has to the extent of 2 g0, (0)0) was to be made

Q2. From the folloning Profit \& Loss Accome of Dellomino L Ld. For the years 201.9 and 2020 you are required to prepare a Comparative lneome Statement in the preseribed format of Indian Companies Aet 2013 of the following and also give you comment.:

Profit and Loss Account for the years ended $31^{\text {st }}$ December 2019 and 2020

| Particular | 2019 (?) | 2020 (\%) | Particular |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| To Opening Stock To Purchases | 2019 80,000 | 1,20,000 | By Salcs | 2019 (\%) $6,00,000$ | 2020 ( ) |
| To Wages | 3,00,000 | 8,00,000 | By Closing Stock | 1,20,000 | ,00,000 |
| To Factory Expenses | 1,00,000 | 1,60,000 |  |  | 0 |
| To Gross Profit e/d | 80,000 | 1,00,000 |  |  |  |
|  | 1,60,000 | 1,20,000 |  |  |  |
| To Salaries | $\underline{7,20,000}$ | $\underline{13,00,000}$ |  | 7,20,000 | 13,00000 |
| To Rent | 10,000 | 12,000 | By Gross Profit b/d | 1,60,000 | $\frac{13,00,00}{1,20,000}$ |
| To Carriage Outward | 8,000 | 10,000 | By Interest | 500 |  |
| To Delivery | 12,000 | 10,000 |  | 500 | 500 |
| Expenses | 6,000 | 3,000 |  |  |  |
| To Advertisement |  |  |  |  |  |
| To Bad Debts | 15,000 | 10,000 |  |  |  |
| To Depreciation | 1,000 | -- |  |  |  |
| To Provision for | 13,000 | 13,000 |  |  |  |
| Taxation | 38,000 | 28,000 |  |  |  |
| o Net Profit |  |  |  |  |  |
| ransferred Balance Sheet | 57,500 | 34,500 |  |  |  |
|  | 60,500 | 1,20,500 |  |  |  |
|  |  |  |  |  |  |

Q3. Following are the Profit \& Loss Account and Balance Sheet of Turbo and Levis Ltd. (20)
Profit \& Loss Account
For the ycar ended 31 ${ }^{\text {st }}$ March, 2020

| Particular |  |  |  |
| :--- | ---: | :--- | :---: |
| To Opening Stock | $₹$ | Particular | $\boldsymbol{₹}$ |
| To Purchases | 30,000 | By Sales | $4,00,000$ |
| To Gross Profit c/d | $3,00,000$ | By Closing Stock | 50,000 |
|  | $1,20,000$ |  |  |
| To Expenses | $\underline{\mathbf{4 , 5 0 , 0 0 0}}$ |  | $\underline{\mathbf{4 , 5 0 , 0 0 0}}$ |
| To Provision for Tax | 20,000 | By Gross Profit b/d | $\mathbf{1 , 2 0 , 0 0 0}$ |
| To Dividend | 40,000 |  |  |
| To Net Profit c/d | 20,000 |  |  |
|  | 40,000 |  |  |


|  | Balance | beet |  |
| :---: | :---: | :---: | :---: |
|  | $31^{\text {¹ Dece }}$ | ber, 2020 | ₹ |
|  | २ | Assets | 80.000 |
| I abilites | 2000000 | Plant and Machincry | 20.0000 |
| Share Capital (2 10 cath) | $10,000)$ | 1 and and Building | S0, 0000 |
| Resentes oes Acoumm | 30,000 | Stock | 80,0000 |
| Prolit d l oss Accomm | 50,000 | 1)cbtors | 60,000 |
| Creditors |  | Cash at Bank | 2,90,000 |
|  | 2,90,000 |  |  |

Calculate the following ratios and comment:
a) Stock Turnover Ratio
b) Net Profit Ratio
c) Current Ratio
d) Return on Capital Employed
e) Return on Proprietors Fund

Q4. From the following Balance Sheet you are required a Common Size statement in the prescribe form of Indian Companies Act, 2013. Comment briefly on financial position of the company:

|  | n 31 | Assets | ₹ |
| :---: | :---: | :---: | :---: |
| Liabilities | , | Cas in Hand | 2,000 |
| Equity Share Capital | 10,00,000 | Cash in Hand | 60,000 |
| 10\% Preference Share | 1,00,000 | Bills Receivable | 30,000 |
| 7\% Debenture | 40,000 | Investment | 20,000 |
| 8\% Bank Loan | 20,000 | Debtors | 70,000 |
| Bank Overdraft | 40,000 | Stock | 40,000 |
| Creditors | 60,000 | Furniture | 80,000 |
| Outstanding Expenses | 7,000 | Furniture | 5,00,000 |
| Proposed Divided | 10,000 1.50000 | Machinery | 1,35,000 |
| Reserves | $1,50,000$ 20000 | Preodwill | 10,000 |
| Provision for Tax | 20,000 | Preliminary Expenses | 5,20,000 |
| Profit and Loss Account | 20,000 | Land | 14,67,000 |

Q5A. From the following ledger balance of Real-Mi Ltd. as on $31^{\text {st }}$ March, 2022, you are required to prepare the Balance Sheet as on $31^{\text {st }}$ March, 2022 as per Schedule III of the Companies Act, 2013.
(10)

| Particular | ₹ | Particular | $₹$ |
| :--- | ---: | :--- | ---: |
| General Reserve | $16,80,000$ | Furniture and Fixture | $19,42,400$ |
| Sundry Creditors | $6,94,000$ | $8 \%$ Government Shares | $10,00,000$ |
| Securities Premium | $3,20,000$ | Plant and Machinery | $74,00,000$ |
| Bank Overdraft | $12,60,000$ | Copyright | $3,53,000$ |
| Public Deposits | $22,40,000$ | Sundry Debtors | $7,80,000$ |


| Rent Payable | $1,64,000$ | Commission receivable | $1,40,000$ |
| :--- | ---: | :--- | ---: |
| Provision for Pension Fund | $3,60,000$ | Cash in Hand | $4,20,800$ |
| Equity Share Capital | $62,00,000$ | Prepaid Insurance | $2,24,000$ |
| Provision for Taxation | $1,26,200$ | Stock in Trade | $6,72,000$ |
|  |  | Laon to Directors | $1,12,000$ |

Q5B. Explain the Importance of Economic Value Added.

Q6. Answer the following Questions:
a) Capital Work in Progress.
b) Objectives of Financial Analysis.
c) Concept of Economic Value Added.
d) Limitation of Ratio Analysis.

The marks are indicated at the right side of the corresponding question.
Section I Consists of questions carrying four marks each.
4. Sec II consists internal choices
5. Please read the question paper carefully and in case of any discrepancy, ask to replace it within 15 mins of the commencement of the examination.

## SECTION I

1. Answer any four questions.
( $4 \times 4=16$ )
a. Discuss about the Goods concept in Marketing.
b. What is the relevance of Promotion in Marketing? Explain in brief.
c. Write an explanatory note on "Consumer Behaviour"
d. Explain SWOT Analysis as a part of Environmental Scanning.
e. What is the relationship between Physical Distribution and Marketing? Explain.
f. Explain the 4P's of Marketing with appropriate examples.
2. Write Short Notes on the following. (Any four)
a. Shopping Goods
b. Inventory Management
c. Logistics \& Supply Chain Management
d. Demographic Segmentation of Market
e. Scope of Marketing
f. Pricing Decisions in Marketing

## SECTION II

3. (A) What do you mean by Marketing? Explain its features and importance.

## OR

(X) Explain the various kinds of goods and their corresponding Marketing strategies with appropriate examples.
4. (A) What is Marketing Environment? What are the major environmental forces? Discuss in brief.

## OR

(X) Do you agree that Consumers' tastes and preferences often make marketing a dynamic subject of study? In light of this statement, explain the role of consumer behaviour in Marketing and the factors affecting consumer behaviour in a market place.
(12 Marks)
5. (A) Define Marketing Research. Explain various advantages of having invested in Marketing Research.
OR
(X) Explain the concept of Sales force Management. How do you select your sales force? Give appropriate examples.
(12 Marks)
6. (A) Define Market Segmentation. Explain the advantages of having Marketing Segmentation. OR
(X) What is Marketing Mix? Explain Product and Place Mix strategies.
$\qquad$
B.Com Semester End Examination, June 2022

ENVIRONMENTAL STUDIES-II
Semester: II
CBCS
Duration: 1. Hrs.
Instructions: 1. Write each question on fresh page.
Maximum Marks: 40
2. All questions are compulsory.
3. Figure to the right indicates full marks.
Q.1.A Answer following questions ANY-5
i. What are causes and effects of noise pollution?
ii. Suggest Individual role to reduce Global warming
iii. Suggest few sustainable ways to resolve the problem of Water crisis
iv. What are the individual roles in reducing pollution?
v. Name the different schemes introduced by Government of India for women welfare
vi. What are the possible reasons for introducing "Beti Bachao Beti Padhao " moment in India?
vii. What do you understand by term ecotourism?
Q.2.A. How tourism is helpful for local people, explain with suitable examples

OR
5mks
Q.2.A Write a short note on solid waste and its management

Q2.B. Explain in brief about nuclear accident with suitable case study
5 mks
5mks
Q.3.A. Explain with clear references about Environmental Laws

OR
5 mks
Q.3.A. Explain in brief on urban problems related with energy

Q3.B. List the most sparsely populate areas and explain the factors responsible for it
5 mks
5 mks

# Q.4.A. Write a short note on HIV AIDS 

OR
Q.4.A. Write a short note on earthquake

Q4.B. What are the loopholes in implementing environmental Laws in India

Q. Modern Manufactures Ltd. have three production departments ' X ', ' Y ' and ' $Z$ ' and two service departments ' P ' and ' Q ', the details pertaining to which are as under:

| Particulars | Production Departments |  |  | Service Departments |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | 'P' | 'Q' |
|  | 'X' | 'Y' |  | 3,000 | 390 |
| Direct Wages (Rs.) | 6,000 | 4,000 | 6,000 | 10,000 | 10,000 |
| Value of machines (Rs.) | 1,20,000 | 1,60,000 | 2,00,000 | 10,00 20 | - |
| Horse Power of machines (kwh) | 120 | 60 | 100 | 20 | 10 |
| Light Points (numbers) | 20 | 30 | 40 | 4,000 | 1,000 |
| Area (sq. ft.) | 4,000 | 5,000 | 6,000 | 4,000 |  |

The following figures extracted from the accounting records are relevant:
Rs.

| Rent and Rates | 10,000 |
| :--- | :--- |
| General Lighting | 1,200 |
| Indirect wages | 3,878 |
| Power | 3,000 |
| Depreciation on Machines | 20,000 |
| Sundries | 19,390 |

You are required to prepare:
i) a primary distribution summary showing distribution of overheads to various departments.
ii) a statement showing re-distribution of service departments' expenses to production departments. Apportion the expenses of service department ' $P$ ' in the ratio of 5:4:1 and those of service department ' Q ' in the ratio of 2:3:5 to production departments ' X ', ' Y ' and 'Z' respectively.


1


Paper/Subject Code: 1/COD106 / Cost Accounting Major 2: Cost Accounting II
Q. 2 From the following particulars you are required to calculate the earnings of a worker for a week
under
(i) Straight Picce Rate System
(iii) Taylor's Differential Piece Rate System
(iii) Halsey's Premium Plan
(iv) Rowan's Premium Plan

Number of working hours per week 48 hours
Wages Per Hour Rs 3.75
Rate Per Piece
Rs 1.50
Normal time taken per piece $\quad 20$ minutes
Normal output per week
Actual output per week
Differential piece rates

120 pieces
150 pieces
$80 \%$ of piece rate when output below normal production and $120 \%$ of piece rate when output above the normal production.
a) The following annual charges are incurred in respect of a machine in a shop where manual labour is almost nil and where work is done by means of five machines of exactly similar type of specification.
i) Rent and Rates (proportional to the floor space occupied) for the shop
Rs.
ii) Depreciation on each machine
iii) Repairs and maintenance for five machines
iv) Electric charges for light in the shop
v) Sundry supplies such as lubricants, jute, cotton waste, etc. for the shop 540
vi) Attendants: 450
There are two attendants for the five machines and they are each paid Rs.
60/- per month.
vii) Supervision:

For the five machines in the shop, there is one supervisor whose emoluments are Rs. 250/- per month.
viii) Power consumed - Rs 0.05 per unit. The machine uses 10 units of power per
hour.
ix) Annual working hours per machine - 1,200 hours.
b) The following is the budget of Angel Engineering Works for the year 2018.

Factory overheads
Rs. 58,000
Direct Labour cost
Rs. 97,800
1,34,000 hours
From the above figures calculate:
paper / Subject Code: lCOI)106/Cost Accounting Major 2: ( ost Aecounting II
a) What is Labour Turnover? Enumerate the causes and effects of labour turnover 10
b) The following particulars of M/s Ruchi \& Co. relate to the year ending 31st March, 2018.

Basic Wages
House Rent Allowance
Amount (Rs.)
50,000
6,500
Overtime Allowance
Night Shift Allowance
7,200
Provident Fund deposited for the period
9,600
Employees' State Insurance Contribution for the period
12,000
Recovery towards House Rent
2,808
Recovery towards supply of goods 10,200
16,000
(i) Dearness Allowance - $50 \%$ of basic wages.
(ii) Provident Fund is paid for by the employer and the employee in equal share
(iii) The ratio of contribution by employer and employee to Employee State Insurance is 7:5.
Determine the net amount of wages paid in cash to employees for the year ending $31^{\text {st }}$ March, 2018.
$\begin{array}{ll}\text { a) What is time rate system? Explain its advantages and limitations. } & \mathbf{1 0} \\ \text { b) What are overheads? Explain the different types of overhead costs. } & \mathbf{1 0}\end{array}$
Q. 6 Write short notes on the following (any four):
a) Objectives of Time booking.
b) Treatment of idle time in cost accounts.
c) Distinguish between cost allocation and cost apportionment.
d) Advantages of departmentalization of overhead expenses.
e) Accounting for under-absorption and over-absorption of overheads.

