

Total No. of Questions :5]

SEAT No. :

P775

[Total No. of Pages : 4

[5158]Ext.-301
T.Y.B.Com.
BUSINESS REGULATORY FRAMEWORK (M.Law)
(2013 Pattern)

Time : 3 Hours]

[Max. Marks :100

Instructions to the candidates:

- 1) *All questions are compulsory.*
- 2) *Figures to the right indicate full marks.*

Q1) Explain the term 'consideration'. When is object and consideration of a contract Lawful? **[20]**

Q2) Who is a Partner? What are the rights and duties of partners? **[20]**

OR

Define the term 'Contract of Sale of Goods'. Distinguish between 'Sale' and 'Agreement to sell'.

- Q3)** a) Explain various provisions relating to 'Central Consumer Protection Council 'and 'State Consumer Protection Council.' **[10]**
- b) Explain meaning and scope of 'geographical indication 'as an intellectual property. **[10]**

OR

- a) State the provisions relating to District Consumer's Disputes Redressal forum.
- b) Write characteristics and functions of 'trademarks' along with illustrations.

Q4) What do you mean by dishonour of negotiable instruments? Explain the provisions relating to 'notice of dishonour.' **[20]**

P.T.O.

Q5) Write short notes (any two):

[20]

- a) Digital signature.
- b) Meaning and essentials of 'Arbitration Agreement'.
- c) Void agreements.
- d) Nature and advantages of Limited Liability Partnership.



Total No. of Questions : 5]

P775

[5158]Ext.-301
T.Y.B.Com.
BUSINESS REGULATORY FRAMEWORK (M.Law)
(2013 Pattern)
(मराठी रुपांतर)

वेळ : 3 तास]

[एकूण गुण : 100

- सूचना :- 1) सर्व प्रश्न सोडविणे अनिवार्य आहे.
2) उजवीकडील अंक पूर्ण गुण दर्शवितात.
3) संदर्भासाठी मुळ इंग्रजी प्रश्नपत्रिका पहावी.

प्रश्न 1) 'प्रतिफल' ही संकल्पना स्पष्ट करा. कराराचे उद्दिष्ट आणि प्रतिफल केव्हा कायदेशिर असते. [20]

प्रश्न 2) भागीदार म्हणजे कोण? भागीदाराचे हक्क आणि कर्तव्ये कोणते? [20]

किंवा

'माल विक्रीचा करार' या संकल्पनेची व्याख्या द्या. माल विक्री व माल विक्रीचा करार यातील फरक स्पष्ट करा.

प्रश्न 3) अ) केंद्रिय ग्राहकसंरक्षण परिषद व राज्य ग्राहक संरक्षण परिषदेची कायदेशिर तरतूदी स्पष्ट करा. [10]

ब) वस्तूचे भौगोलिक विशेषतः चिन्ह या बौध्दीक संपदेचा अर्थ व व्याप्ती स्पष्ट करा. [10]

किंवा

अ) जिल्हा ग्राहक तक्रार निवारण मंचाविषयीच्या तरतूदी सांगा.

ब) व्यापारी चिन्हाची वैशिष्ट्ये व कार्ये उदाहरणासहित लिहा.

प्रश्न 4) 'चलनक्षम दस्तांचा अनादर' म्हणजे काय? अनादराच्या सूचनेविषयीच्या कायदेशिर तरतूदी स्पष्ट करा. [20]

प्रश्न 5) थोडक्यात टिपा लिहा. (कोणत्याही दोन)

[20]

- अ) डिजिटल सिग्नेचर
- ब) लवाद कराराचा अर्थ आवश्यक बाबी.
- क) व्यर्थ ठराव
- ड) मर्यादित दायित्व भागीदारीचे स्वरूप व फायदे.



Total No. of Questions :4]

SEAT No. :

P776

[Total No. of Pages : 7

[5158]Ext.-302
T.Y. B.Com.
ADVANCED ACCOUNTING
(2013 Pattern)

Time : 3 Hours]

[Max. Marks :100

Instructions to the candidates:

- 1) All questions are compulsory.*
- 2) Figures to the right indicate full marks.*
- 3) Use of calculator is allowed.*

Q1) A) Answer in one sentence only (any six) [12]

- i) What does Accounting standard 7 stands for?
- ii) What percentage of profit is transferred to statutory Reserve every year by Banking companies?
- iii) What is the other name for Discount Received in Advance?
- iv) What is meant by 'Period of Dislocation'?
- v) When is Average Clause applied?
- vi) In which year the co-operative societies Act was passed in Maharashtra?
- vii) What is meant by CENVAT?
- viii) What is meant by Ratio?
- ix) Name the two methods for ascertainment of profit under single Entry system?

P.T.O.

- B) Write short notes on (any 3) [18]
- i) Accounting standard - 15 Employee Benefits.
 - ii) Non performing Assets.
 - iii) Claim for loss of fixed Assets.
 - iv) Co-operative credit society.
 - v) Debt to Equity Ratio
 - vi) Tax Deducted at Source (T.D.S.)

Q2) From the following Trial Balance of Sharda Bank Ltd on 31-3-2015, prepare profit and loss Account and Balance Sheet as on that Date. [20]

Trial Balance as on 31/3/2015

Debit Balance	Rs.	Credit Balance	Rs.
Directors Fees	18,000	Equity share capital	
Audit fees	4,000	of Rs.100 each, Rs. 50	
Furniture		paid up	4,00,000
(Cost Rs. 4,00,000)	3,48,000		
Printing & Stationery	16,000	Profit & loss as on	
Rent & Taxes	34,000	1- 4-2014	1,60,000
Salary	2,80,000	Current Deposit A/c	13,64,000
Building		Fixed Deposit A/c	15,60,000
(Cost Rs.12,00,000)	9,00,000		
		Savings Bank A/c	10,26,000
Law Charges	6,000	Interest & Discount	
		Received	8,40,000
Cash in hand	64,000		
Cash with RBI	14,00,000	Commission and	
		Exchange	4,00,000
Cash with other		Reserve fund	1,40,000
Banks	13,00,000		
Investment	4,80,000		
Loans, cash credits		Borrowings from	
and overdrafts	12,00,000	Dena Bank	8,00,000
Bills Discounted		Branch Adjustment	
& Purchased	5,60,000	Account	5,20,000
Interest paid	6,00,000		
	72,10,000		72,10,000

Following additional information is available.

- i) The Bank has accepted on behalf of the customers bills worth Rs. 6,00,000 against the securities of Rs. 7,60,000 Lodged with the Bank.
- ii) Rebate on Bills discounted Rs. 22,000
- iii) Provide depreciation on Buildings 10% and furniture @ 5% on cost.
- iv) Provide Rs. 6,000 for Bad and Doubtful Debts.

OR

From the following Trial Balance as on 31-3-2015 and the adjustments given in respect of Prakash Raj consumer Coop Society Ltd, Pune. Prepare Trading account and profit & loss. Account for the year ended 31-03-2015 and Balance sheet as on that date.

Trial Balance as on 31-3-15

Debit Balance	Rs.	Credit Balance	Rs.
Stock of fertilizers & Machinery	10,000	Share Capital: 7,500 shares of Rs. 10 each fully paid up	75,000
Printing charges	2,500	Deposit from Members	90,000
<u>Investments</u>			
i) in shares - VDCC Bank	60,000	Loan from Bank (Unsecured)	92,000
ii) in shares of cooperative purchase and sales society	36,000	Interest earned on loan	45,000
		Sales of fertilizers and machinery	4,50,000

Debit Balance	Rs.	Credit Balance	Rs.
Stationery purchased	500	Profit for the	
Loan to members	1,35,000	year (2013-14)	1,00,000
Purchases of fertilizers & machinery	3,70,000	Reserve fund	86,000
Office equipments	25,000		
Office Rent	5,000		
Salaries	25,000		
Travelling expenses	5,000		
Carriage inward	3,500		
Freight	1,500		
Interest paid	8,000		
Cash in hand	51,000		
Cash at Bank	1,00,000		
Sundry Debtors	1,00,000		
	9,38,000		9,38,000

Adjustments:

- i) Closing Stock of fertilizers & machinery as on 31-3-15 was Rs. 70,000
- ii) Office Rent payable was Rs. 1,000
- iii) Office equipments are to be depreciated at 5% p.a.
- iv) Create a reserve for bad & doubtful debts Rs. 4,500
- v) Audit fees are to be paid Rs. 2,000
- vi) Directors declared a dividend to members at 8% on its paid - up capital on 1st April 2014

- Q3) A)** A fire broke out in the business premises of Yashraj Company, Talegaon on 1st July 2016 and stock of the value of Rs. 78,750 was Salvaged and the books and records were saved. The following information was obtained:

	Rs.
Stock on 1 st April 2015	2,10,000
Stock on 31 st March 2016	2,10,000
Sales from 1 st April to 30 th June 2016	2,55,000
Purchases from 1 st April to 30 th June 2016	1,57,500
Sales for the year ended 31 st Mar. 2016	7,50,000
Purchases for the year ended 31 st Mar. 2016	4,50,000

Calculate the amount of claim to be submitted to the Insurance company in respect of the loss of stock. **[10]**

- B)** Yashashree Ltd. Pune has a branch at Belgaum to which goods are invoiced so as to have 10% bearing on invoice price. The Belgaum Branch has sent the following figures for the year ended 2015-2016. **[20]**

	Rs.
Stock on 1-4-2015	15,000
Stock on 31-3-2016	13,900
Debtors on 1-4-2015	26,200
Debtors on 31-3-2016	33,100
Goods received from Head Office	80,800
Goods returned to Head Office	700
Cash sales	31,400
Credit sales	60,000
Allowances to customers	580
Returns from customers	200
Discount allowed to customers	2,400
Bad debts	600
Rent	1,800
Salaries	6,000
General charges	1,300
Rent due but not paid for 2015-16	100
Miscellaneous income	660

All items of stock are at invoice price. All expenses are paid by head office and all cash received is daily banked into head office account.

You are required to prepare:

- i) Branch Stock account
- ii) Branch Debtors account
- iii) Branch expenses account
- iv) Branch adjustment account
- v) Branch profit & loss account

Q4) Sarika and Manju were partners sharing profit & losses in the ratio of 2:1. Following information was available from their cash book & Personal ledger accounts: **[20]**

Particulars	Rs.	Particulars	Rs.
Debtors on 1-4-14	15,930	Printing	700
Debtors on 31-3-15	13,773	Creditors on 1-4-14	26,490
Cash received from Debtors	75,927	Creditors on 31-3-15	21,350
Cash on 1-4-14	1,917	Cash paid to creditors	47,360
Land & Building on 1-4-14 & 31-3-15	40,000	Stock on 1-4-14	21,313
Furniture on 1-4-14	6,190	Plant & Machinery on 1-4-14 & 31-3-15	25,140
Furniture on 31-3-15	5,690	Wages	10,544
Sarika's Drawings	5,330	Salaries	9,740
Manju's Drawings	1,470	Replacement reserve on 1-4-14	9,000
Stock on 31-3-15	31,230	Insurance	2,500

The capital of Sarika was more by Rs. 5000 than that of Manju on 1st April 2014. Outstanding wages on 31-3-15 amounted to Rs. 923 and outstanding salaries on 31-3-15 amounted to Rs.860. Insurance prepaid amounted to Rs. 300, Transfer Rs. 4000 to Replacement Reserve.

Prepare the firms Trading and Profit & Loss Account for the year ended 31-3-15 and Balance sheet as on that date.

OR

From the following profit & loss a/c and Balance sheet of G.G.Ltd, Calculate the following ratios giving significance

Dr. Profit & Loss a/c for the year ended 31-3-16 Cr.

Particulars	Rs.	Particulars	Rs.
To Opening stock	10,00,000	By Sales (Credit)	90,00,000
To Purchases	60,00,000	By Closing stock	12,00,000
To Carriage inward	2,00,000		
To Gross profit	30,00,000		
	1,02,00,000		1,02,00,000
To Administrative expenses	14,00,000	By Gross profit	30,00,000
To Selling & Distribution expenses	2,50,000	By Other Miscellaneous income	1,00,000
To Non-operating exp.	50,000		
To Net Profit	14,00,000		
	31,00,000		31,00,000

Balance Sheet as on 31-3-16

Liabilities	Rs.	Assets	Rs.
Equity share capital	20,00,000	Land & Building	10,00,000
Reserves & Surplus	17,00,000	Plant & Machinery	12,00,000
Sundry Creditors	10,00,000	Stock	12,00,000
Provision for Taxation	2,00,000	Debtors	10,00,000
Bills Payable	3,00,000	Bills Receivable	2,00,000
		Cash at Bank	6,00,000
	52,00,000		52,00,000

- i) Current Ratio
- ii) Acid Test Ratio
- iii) Operating Ratio
- iv) Stock Turnover Ratio
- v) Gross Profit Ratio ignoring Taxation
- vi) Net Profit Ratio
- vii) Debtors Turnover Ratio



Total No. of Questions : 5]

SEAT No. :

P777

[Total No. of Pages : 2

[5158]Ext.-303
T.Y. B.Com.
ECONOMICS
Indian and Global Economic Development
(2013 Pattern)

Time : 3 Hours]

[Max. Marks : 100

Instructions to the candidates :

- 1) *All questions are compulsory.*
- 2) *Figures to the right indicate full marks.*

Q1) What are the basic characteristics of the Indian Economy as an emerging economy? **[20]**

Q2) Explain the role of basic infrastructure in Economic Development in India. **[20]**

OR

Explain the place of Agriculture in the Indian Economy.

Q3) a) Explain the current Export - Import Policy (EXIM Policy). **[10]**

b) Explain the importance of foreign trade in economic development. **[10]**

OR

a) State the role of Human Resource in Economic Development.

b) State the structure and functions of World Bank.

Q4) Explain the advantages and disadvantages of Foreign capital. **[20]**

Q5) Write short notes on any two : **[20]**

a) BRICS

b) Role of Small Scale Industries in India.

c) Evaluation of Industrial Policy 1991.

d) Convertibility of Indian Rupee on Current Account.

▽▽▽▽

Total No. of Questions : 5]

P777

[5158]Ext.-303
T.Y. B.Com.
ECONOMICS
Indian and Global Economic Development
(2013 Pattern)
(मराठी रूपांतर)

वेळ : 3 तास]

[एकूण गुण : 100

सूचना :-

- 1) सर्व प्रश्न सोडविणे आवश्यक आहेत.
- 2) उजवीकडील अंक पूर्ण गुण दर्शवितात.
- 3) संदर्भासाठी मूळ इंग्रजी प्रश्नपत्रिका पहावी.

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- प्रश्न 1) उदयोन्मुख अर्थव्यवस्था म्हणून भारतीय अर्थव्यवस्थेची वैशिष्ट्ये कोणती आहेत? [20]
- प्रश्न 2) भारताच्या आर्थिक विकासात पायाभूत सुविधांची भूमिका स्पष्ट करा. [20]
किंवा
भारतीय अर्थव्यवस्थेतील शेतीचे स्थान स्पष्ट करा.
- प्रश्न 3) अ) चालू आयात निर्यात धोरण स्पष्ट करा. (ऐकझीम धोरण) [10]
ब) आर्थिक विकासात विदेशी व्यापाराचे महत्व स्पष्ट करा. [10]
किंवा
अ) मानवी संसाधनाची आर्थिक विकासातील भूमिका सांगा.
ब) जागतिक बँकेची रचना आणि कार्ये सांगा.
- प्रश्न 4) विदेशी भांडवलचे फायदे आणि तोटे स्पष्ट करा. [20]
- प्रश्न 5) कोणत्याही दोनवर थोडक्यात टिपा लिहा. [20]
अ) ब्रिक्स - (BRICS)
ब) भारतातील लघू उद्योगांची भूमिका
क) 1991 च्या औद्योगिक धोरणाचे मूल्यमापन
ड) चालू खात्यावर भारतीय रूपयाची परिवर्तनीयता

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Total No. of Questions : 5]

SEAT No. :

P778

[Total No. of Pages : 4

[5158]Ext.-304
T.Y. B.Com.
ECONOMICS
International Economics
(2013 Pattern)

Time : 3 Hours]

[Max. Marks : 100

Instructions to the candidates :

- 1) All questions are compulsory.*
- 2) Figures to the right indicate full marks.*
- 3) Draw diagrams wherever necessary.*

Q1) Explain in detail the Merits and Demerits of Protection Trade Policy. **[20]**

Q2) What is International Trade? Distinguish between Domestic trade and International trade. **[20]**

OR

Critically examine the Comparative Cost theory of International trade.

Q3) a) Explain the advantages and disadvantages of Foreign exchange market. **[10]**

b) Explain the role of Multi-National Corporations. **[10]**

OR

a) Explain the merits and demerits of Fixed exchange rate.

b) Explain India's Foreign trade policy since 1991.

Q4) Explain the causes of disequilibrium of Balance of payments. Suggest the measures to correct disequilibrium of Balance of Payments. **[20]**

P.T.O.

Q5) Write Short Notes on (Any two) :

[20]

- a) Euro Dollar Market
- b) International Labour Migration
- c) Importance of International trade
- d) SAARC



Total No. of Questions : 5]

P778

[5158]Ext.-304

T.Y. B.Com.

ECONOMICS

International Economics

(2013 Pattern)

(मराठी रूपांतर)

वेळ : 3 तास]

[एकूण गुण : 100

सूचना :-

- 1) सर्व प्रश्न सोडविणे आवश्यक आहे.
- 2) उजवीकडील अंक पूर्ण गुण दर्शवितात.
- 3) आवश्यक तेथे आकृत्या काढा.
- 4) संदर्भासाठी मूळ इंग्रजी प्रश्नपत्रिका पहावी.

प्रश्न 1) संरक्षित व्यापार धोरणाचे गुण आणि दोष सविस्तर स्पष्ट करा.

[20]

प्रश्न 2) आंतरराष्ट्रीय व्यापार म्हणजे काय? देशांतर्गत व्यापार आणि आंतरराष्ट्रीय व्यापार यातील फरक स्पष्ट करा.

[20]

किंवा

आंतरराष्ट्रीय व्यापाराच्या तूलनात्मक खर्च सिध्दांताचे टिकात्मक परिक्षण करा.

प्रश्न 3) अ) विदेशी विनिमय बाजाराचे फायदे-तोटे स्पष्ट करा.

[10]

ब) बहुराष्ट्रीय महामंडळांची भूमिका स्पष्ट करा.

[10]

किंवा

अ) स्थिर विनिमय दराचे गुण आणि दोष स्पष्ट करा.

ब) 1991 नंतरचे भारताचे विदेशी व्यापार धोरण स्पष्ट करा.

प्रश्न 4) व्यवहारतोलातील असमतोलाची कारणे स्पष्ट करा. व्यवहारतोलातील असमतोल नाहीसा करण्यासाठी उपाययोजना सूचवा. [20]

प्रश्न 5) थोडक्यात टिपा लिहा. (कोणत्याही दोन) [20]

- अ) युरो-डॉलर बाजार
- ब) श्रमिकांचे आंतरराष्ट्रीय स्थलांतर
- क) आंतरराष्ट्रीय व्यापाराचे महत्व
- ड) सार्क (SAARC)



Total No. of Questions : 5]

SEAT No. :

P779

[Total No. of Pages : 8

[5158]Ext.-305
T.Y. B.Com.
AUDITING AND TAXATION
(2013 Pattern)

Time : 3 Hours]

[Max. Marks : 100

Instructions to the candidates:

- 1) All questions are compulsory.*
- 2) Figures to the right indicate full marks.*
- 3) Use of calculator is allowed.*

Q1) What is vouching? How would you vouch the following? [20]

- a) Credit sales
- b) Receipts from debtors
- c) Salaries
- d) Cash purchases

OR

Explain the qualification, rights and duties of company auditor.

Q2) Write short notes on (any four) [20]

- a) Audit programme
- b) Types of frauds
- c) Internal audit
- d) Types of audit report
- e) Auditing in an EDP environment
- f) Auditing and assurance standard 1 (AAS1)

Q3) a) Explain the following terms [10]

- i) Agricultural income
- ii) Deductions U/s 54 of Indian Income Tax Act.

P.T.O

OR

Mr. Jay has occupied two houses for his residential purposes the details of which are given as follows.

Particulars	House 1	House II
Municipal valuation	1,80,000	90,000
Fair Rent	2,00,000	1,10,000
Standard Rent (Under Rent Control Act)	1,50,000	1,15,000
Repairs	15,000	12,000
Insurance	9,000	8,000
Interest on loan for construction of House	1,45,000	15,000
Municipal Tax (10% of. M.V.)	10%	10%

You are required to compute income from house property for the A.Y. 2017-18.

- b) From the following particulars compute the business income of Mr. Mahesh for the A.Y. 2017-18 **[10]**

Profit and loss A/c

Dr. For the year ended 31st Mar 2017

Cr.

Particulars	Amount	Particulars	Amount
To Salaries	1,75,000	By gross profit	7,00,000
To Rent & taxes	45,000		
To Repairing charges	10,000	By Dividend	10,000
To Legal expenses	8,000	By Baddebts	15,000
To reserve for Income Tax	12,000	Recovered (allowed Earlier)	
To Depreciation	15,000	By Interest From	5000
To Expenses of acquisition of Patent	55,000	Post office saving Bank	
To office expenses	27,000		
To contribution to RPF	13,000		
To Baddebts	5,000		
To Donation to NDF.	10,000		
To banking cash	9,000		
Transaction tax			
To Net profit	3,46,000		
	7,30,000		7,30,000

Additional information :

- i) Legal expenses include Rs. 7,000 incurred by Mr. Mahesh for defending a case for damage for breach of contract. Which was decided in favour of Mr. Mahesh.
- ii) Depreciation of the year on assets as per income tax Act is Rs. 35,000
- iii) Depreciation on patent allowable as per Income Tax Act at 25%

Q4) Miss Advika shinde is the chairman of A Ltd. Delhi **[20]**

Her salary and other particulars for the year ending
31st Mar, 2017

Particulars	₹	
Basic Salary	70,000	p.m.
D.A. (Not considered for retirement benefits)	20,000	p.m.
Bonus for the year	57,000	
Arrears for the earlier years bonus	13,000	
Commission profits for the year	70,000	
Advance salary for April, 2017 drawn in may 17	70,000	
Employer's contribution to RPF 14% of salary		
Profession Tax paid by the company	2500	p.a.
Income tax paid by the company	14,000	p.m.
Electricity bill for the year paid by company	18,000	
Fee for the attending board meetings of other companies	23,000	

The company provided a car (1800cc) with driver which is used by her both for office and personal use .

The entire expenses paid by company ₹.55,000

She has also been given a bungalow free of rent. The fair rental value of the bungalow is ₹. 20,000 p.m.

The company has also been provided with a security guard and a sweeper whose salary amounting to ₹. 1700 p.m. (each) have been paid by the company.

The entire bungalow is furnished with furniture costing ₹.3,00,000

Determine the value of rent free house and taxable salary income of miss Advika Shinde for the assessment year 2017-18.

Q5) Mr. Rajaram is working as a manager in cipla Ltd.

[20]

Pune he has furnished the following details of his income for the year 2016-17

- 1) Basic salary ₹. 75,000p.m.
- 2) Dearness allowance 60% of Basic salary (Considered for retirement benefits)
- 3) Commission ₹. 1,00,000
- 4) Transport allowance ₹. 15,000 p.a.
- 5) Education allowance ₹. 1,500 p.m. (he has one daughter and two son)
- 6) He received special allowance ₹.75,000 during the year.
- 7) Personal medical bill of ₹. 20,000 was reimbursed by company
- 8) He contributed to RPF 13% of his basic salary and an equal amount is contributed by the employer.
- 9) The interest credited to RPF A/c @ 8.75% p.a. was ₹.87500.
- 10) He has a house property in mumbai . He has letout it at a monthly rent of ₹. 25,000 p.m. He paid municipal tax ₹. 15,000 and ₹.11000 as fire insurance premium
- 11) Income from business Rs. 2,07,000
- 12) Interest on Govt. Securities ₹. 17,000
- 13) He received income from lottery (Net ₹.42000 and TDS at 30%)
- 14) He paid LIC premium of ₹. 30,000/ on his own policy
- 15) He deposited ₹. 77,000 in PPF.
- 16) Contribution to annuity plan (pension fund) of LIC ₹.50,000
- 17) The company has deducted ₹. 25,000 p.m. as income tax from his salary

Compute the 'Total Taxable Income' and tax liability of Mr. Rajaram for the Assessment year 2017-18.



Total No. of Questions : 5]

P779

[5158]Ext.-305
T.Y. B.Com.
AUDITING AND TAXATION
(2013 Pattern)
(मराठी रूपांतर)

वेळ : 3 तास]

[एकूण गुण : 100

- सूचना :-
- 1) सर्व प्रश्न सोडविणे आवश्यक आहेत.
 - 2) उजवीकडील अंक प्रश्नांचे पुर्ण गुण दर्शवितात.
 - 3) कॅल्क्युलेटरचा वापर करण्यास परवानगी आहे.
 - 4) आवश्यक असल्यास इंग्रजी भाषेतील प्रश्नपत्रिका पहावी.

प्रश्न 1) पावती परीक्षण म्हणजे काय? खालील बांबीचे प्रमाणन कसे कराल? [20]

- अ) उधार विक्री
- ब) ऋणकोकडून प्राप्त रक्कम
- क) वेतन
- ड) रोख खरेदी

किंवा

कंपनी अंकेक्षकाची पात्रता, हक्क आणि कर्तव्ये स्पष्ट करा.

प्रश्न 2) थोडक्यात टिपा लिहा. (कोणत्याही चार) [20]

- अ) हिशेबतपासणी कार्यक्रम
- ब) अफरातफरीचे प्रकार
- क) अंतर्गत अंकेक्षण
- ड) अंकेक्षण अहवालाचे प्रकार
- इ) इ.डी.पी. परिस्थितीत अंकेक्षण
- फ) अंकेक्षण मानक 1 (Assurance standard1)

प्रश्न 3) अ) खालील संकल्पना स्पष्ट करा. [10]

- i) शेती उत्पन्न
- ii) भारतीय प्राप्तीकर कायद्यातील कलम 54 अंतर्गत वजावटी

किंवा

श्री. जय हे त्यांच्या राहण्यासाठी दोन घरे वापरतात त्याची सविस्तर माहिती पुढील प्रमाणे दिलेले आहे.

तपशिल	घर I	घर II
नगरपालीका मूल्यांकन	1,80,000	90,000
वाजवी भाडे	2,00,000	1,10,000
प्रमाणित भाडे (भाडे नियंत्रण कायद्यांतर्गत)	1,50,000	1,15,000
दुरुस्ती	15,000	12,000
विमाहता	9,000	8,000
घरबांधणी कर्जावरील व्याज	1,45,000	15,000
नगरपालिका कर (नगरपालिका मूल्यांकनावर 10%)	10%	10%

त्यांचे कर आकारणी वर्ष 2017-18 करिता गृहसंपत्ती पासूनचे करदेय उत्पन्न काढा.

- ब) खाली दिलेल्या माहितीवरून श्री. महेश यांचे कर आकारणी वर्ष 2017-18 करिता व्यवसायापासूनचे उत्पन्न काढा. [10]

नफा तोटा पत्रक

31 मार्च, 2017 वर्ष अखेरीचे

तपशिल	रक्कम	तपशिल	रक्कम
वेतन	1,75,000	ढोबळ नफा	7,00,000
भाडे आणि कर	45,000		
दुरुस्ती खर्च	10,000	लाभांश	10,000
कायदेशिर खर्च	8,000	बुडित कर्ज वसूली	15,000
राखीव आयकर निधी	12,000	(पूर्वी मान्य केलेले)	
घसारा	15,000		
पेटंट हक्क प्राप्तीचा खर्च	55,000	पोस्ट बचत बँक	5,000
कार्यालयीन खर्च	27,000	खात्यावरील व्याज	
मान्यता प्राप्त भविष्य			
निर्वाह निधीची वर्गणी	13,000		
बुडीतकर्ज	5,000		
राष्ट्रीय संरक्षण निधीदेणगी	10,000		
बँकींग रोख व्यवहार कर	9,000		
निव्वळ नफा	3,46,000		
	7,30,000		7,30,000

इतर माहिती -

- कायदे खर्चांमध्ये 7,000 ₹. हा श्री महेश यांनी करारभंगाबद्दलच्या नुकसान भरपाईच्या दाव्याचा बचाव करण्यासाठी केलेला खर्च समाविष्ट आहे.
- आयकर कायदानुसार मालमतेवरील मान्यताप्राप्त घसारा 35,000 ₹.
- आयकर कायदानुसार पेटंट वरील मान्यताप्राप्त घसारा 25% आहे.

प्रश्न 4) मिस अब्दिका शिंदे ही दिल्ली येथिल ए.ली. कंपनीत चेअरमन आहे. 31 मार्च 2017 रोजी संपणाऱ्या वर्षाच्या त्यांच्या पगाराची व इतर माहिती खालील प्रमाणे आहे. [20]

तपशिल	₹.
मूळ पगार	70,000 द.म.
महागाई भत्ता (निवृत्ती लाभासाठी विचारात घेतनाही)	20,000 द.म.
वार्षिक बोनस	57,000
आधिच्या वर्षाची बोनस थकबाकी	13,000
वार्षिक नफ्यातील कमिशन	70,000
एप्रिल 2017 चा पगार मार्च 2017 मध्ये अग्रिम म्हणून मिळाला.	70,000
भविष्य निर्वाह निधीला मालकाचे योगदान वेतनाच्या 14%	
कंपनीने व्यवसाय कर भरला	₹. 2500 (वार्षिक)
कंपनीने आयकर भरला	14,000 द.म.
कंपनीने वीजबील भरले	18,000(वार्षिक)

इतर कंपन्यांच्या मिटींगला हजर राहण्यासाठी फी मिळाली 23,000.

कंपनीने अट्टिका शिंदे यांना (1800 सीसी) कार ड्रायव्हर सह दिली असून तिचा वापर कार्यालयीन तसेच खाजगी दोन्ही कामासाठी केला जातो. मोटार गाडीचा पुर्ण खर्च ₹. 55,000 मालकाने दिला.

कंपनीने त्यांना बंगला मोफत पूरविला. त्याचे वाजवी भाडे ₹. 20,000 द.म. आहे.

कंपनीने सुरक्षिततेसाठी सुरक्षा अधिकारी आणि सफाई कर्मचारी दिला असून त्यांचा पगार प्रत्येकी ₹. 1700 द.म. आहे. तो कंपनी देते.

संपुर्ण बंगला फर्निचरने सजविलेला असून त्यांची किंमत ₹. 3,00,000 आहे.

मोफत बंगल्याचे मूल्य तसेच कर निर्धारण वर्ष 2017-18 साठी मिस अब्दिका शिंदे यांचे पगारापासूनचे करपात्र उत्पन्न काढा.

प्रश्न 5) श्री. राजाराम हे सिफला लि. पुणे येथे व्यवस्थापक म्हणून कार्यरत आहे. [20]

2016-17 या वर्षासाठी त्यांनी त्यांच्या उत्पन्नाविषयी माहिती पुढीलप्रमाणे दिलेली आहे.

- 1) मूळवेतन द.म. ₹. 75,000
- 2) महागाई भत्ता मूळ वेतनाच्या 60% (निवृत्ती लाभासाठी धरला जातो)
- 3) कमिशन ₹.1,00,000
- 4) वाहतूक भत्ता वार्षिक ₹. 15,000

- 5) शैक्षणिक भत्ता द.म. ₹. 15,00 (श्री. राजाराम यांना 1 मूलगी व 2 मुले आहे)
- 6) वर्षभरात त्यांना ₹. 75,000 विशेष भत्ता मिळाला.
- 7) वैयक्तिक वैद्यकीय खर्चाच्या भरपाई पोटी मालकाने ₹. 20,000 दिले.
- 8) मान्यता प्राप्त भविष्य निर्वाह निधीसाठी मूळवेतनाच्या 13% अंशदान ते स्वतः भरतात व तितकीच रक्कम कंपनी मालकाने अंशदान दिले आहे.
- 9) मान्यता प्राप्त भविष्य निर्वाह निधीवर 8.75% दराने ₹. 87,500 इतके व्याज जमा झाले आहे.
- 10) मुंबई येथे त्यांचे एक घर आहे त्याने ते घर ₹. 25,000 द.म. भाड्याने दिले आहे. त्यांना त्या घरासाठी नगरपालिकाकर ₹. 15,000 व अग्नि विमा हप्त्या ₹. 11,000 भरला आहे.
- 11) व्यवसायापासूनचे मिळालेले उत्पन्न ₹. 2,07,000
- 12) सरकारी प्रतीभूतीवर व्याज ₹. 17,000
- 13) त्यांना लॉटरीपासून उत्पन्न ₹. 42,000 मिळाले (उगमस्थानी कर कपात दर 30%)
- 14) त्यांनी स्वतःच्या आयुर्विमा हप्त्याची रक्कम ₹. 30,000 भरली आहे.
- 15) त्यांनी सार्वजनिक भविष्य निर्वाह निधीमध्ये ₹. 77,000 रक्कम जमा केली आहे.
- 16) एल. आय. सी. च्या वार्षिक योजनेतील (पेन्शन फंड) योगदान ₹. 50,000 आहे.
- 17) कंपनीने त्यांच्या वेतनातून दरमहा ₹. 25,000 प्राप्तीकर कपात केला आहे.
श्री.राजाराम यांचे कर आकारणी वर्ष 2017-18 करीता एकूण करपात्र उत्पन्न व करदेयता काढा.



Total No. of Questions : 5]

SEAT No. :

P780

[Total No. of Pages : 4

[5158]Ext.-306

T.Y. B.Com.

BUSINESS ADMINISTRATION

Human Resource Development and Marketing

(2013 Pattern) (Paper - II)

Time : 3 Hours]

[Max. Marks : 80

Instructions to the candidates :

- 1) *All questions are compulsory.*
- 2) *Figures to the right indicate full marks allotted to the question.*

Q1) What is Human resource management? Explain objectives and scope of Human resource management. **[16]**

Q2) Define Succession planning. State needs and significance of succession planning. **[16]**

OR

What is performance appraisal? Explain the different methods of performance appraisal.

Q3) a) Explain the objectives of training and development. **[8]**

b) Explain the importance of Product development. **[8]**

OR

a) What are the advantages of trademark?

b) Explain the functions of marketing.

Q4) Define advertising? Explain the different medias of advertising. **[16]**

P.T.O.

Q5) Write Short Notes on (Any two)

[16]

- a) Quality - Circles
- b) Characteristics of packings
- c) Types of Interview
- d) Scope of Global marketing



Total No. of Questions : 5]

P780

[5158]Ext.-306

T.Y. B.Com.

BUSINESS ADMINISTRATION

Human Resource Development and Marketing

(2013 Pattern) (Paper - II)

(मराठी रूपांतर)

वेळ : 3 तास]

[एकूण गुण : 80

सूचना :-

- 1) सर्व प्रश्न सोडविणे आवश्यक.
- 2) उजवीकडील अंक प्रश्नांचे पूर्ण गुण दर्शवितात.

प्रश्न 1) मानवी संसाधन व्यवस्थापन म्हणजे काय? मानवी संसाधन व्यवस्थापनाची उद्दीष्टे व व्याप्ती स्पष्ट करा. [16]

प्रश्न 2) उत्तराधिकारी नियोजनाची व्याख्या द्या. उत्तराधिकारी नियोजनाची गरज व महत्त्व सांगा. [16]

किंवा

कार्यक्षमता मूल्यांकन म्हणजे काय? कार्यमूल्यांकनाच्या विविध पध्दती स्पष्ट करा.

प्रश्न 3) अ) प्रशिक्षण व विकासाची उद्दीष्टे स्पष्ट करा. [8]

ब) वस्तु विकासाचे महत्त्व स्पष्ट करा. [8]

किंवा

अ) मुद्रीकरणाचे फायदे कोणते?

ब) विपणनाची कार्ये स्पष्ट करा.

प्रश्न 4) जाहिरात म्हणजे काय? जाहिरातीची विविध माध्यमे स्पष्ट करा. [16]

प्रश्न 5) थोडक्यात टिपा लिहा.(कोणत्याही दोन)

[16]

- अ) गुणवत्ता मंडळ
- ब) बांधणीची वैशिष्ट्ये
- क) मुलाखतीचे प्रकार
- ड) जागतिक विपणनाची व्याप्ती



Total No. of Questions : 5]

SEAT No. :

P781

[Total No. of Pages : 4

[5158]Ext.-307

T.Y. B.Com.

BANKING AND FINANCE

Financial Market and Institutions in India

(2013 Pattern) (Special Paper - II)

Time : 3 Hours]

[Max. Marks : 100

Instructions to the candidates :

- 1) *All questions are compulsory.*
- 2) *Figures to the right indicate full marks.*

Q1) What do you mean by Financial system? Explain the role of Financial system in Economic development. **[20]**

Q2) Explain in detail the working of National Stock Exchange. **[20]**

OR

Define Money Market. Explain the institutions and deficiencies of Indian Money Market.

Q3) a) Explain the functions of Housing Finance Companies. **[10]**

b) Explain the progress of Small Industries Development Bank of India. **[10]**

OR

a) Explain the working of Non-Life Insurance Companies.

b) State the working of Provident Fund Regulatory Development Authority.

Q4) Explain in detail the working of Public and Private Sector Life Insurance Companies. **[20]**

P.T.O.

Q5) Write notes (any two) :

[20]

- a) Mutual Funds
- b) Bharatiya Mahila Bank
- c) Pension Funds
- d) Security Exchange Board of India



Total No. of Questions : 5]

P781

[5158]Ext.-307

T.Y. B.Com.

BANKING AND FINANCE

Financial Market and Institutions in India

(2013 Pattern) (Special Paper - II)

(मराठी रूपांतर)

वेळ : 3 तास]

[एकूण गुण : 100

सूचना :-

- 1) सर्व प्रश्न आवश्यक आहेत.
- 2) उजवीकडील अंक प्रश्नांचे पूर्ण गुण दर्शवितात.
- 3) संदर्भासाठी मूळ इंग्रजी प्रश्नपत्रिका पहावी.

प्रश्न 1) वित्तीय प्रणाली म्हणजे काय? आर्थिक विकासातील वित्तीय प्रणालीची भूमिका स्पष्ट करा. [20]

प्रश्न 2) राष्ट्रीय रोखे बाजाराची कार्यपध्दती सविस्तर स्पष्ट करा. [20]

किंवा

नाणेबाजाराची व्याख्या लिहा. भारतीय नाणेबाजारातील संस्था सांगा आणि भारतीय नाणेबाजारातील दोष सांगा.

प्रश्न 3) अ) गृह वित्तपुरवठा कंपन्यांची कार्ये सांगा. [10]

ब) लघु उद्योग विकास बँकेची प्रगती सांगा. [10]

किंवा

अ) बिगर जीवन विमा कंपन्यांची कार्यपध्दती सांगा.

ब) भविष्य निर्वाह निधी नियामक आणि विकास प्राधिकरवाची कार्यपध्दती सांगा.

प्रश्न 4) सार्वजनिक आणि खाजगी क्षेत्रातील जीवन-विमा कंपन्यांची कार्यपध्दती सविस्तर स्पष्ट करा. [20]

प्रश्न 5) टिपा लिहा.(कोणत्याही दोन)

[20]

- अ) परस्पर निधी
- ब) भारतीय महिला बँक
- क) निवृत्ती वेतन निधी
- ड) भारतीय प्रतिभूती विनिमय मंडळ



Total No. of Questions : 5]

SEAT No. :

P782

[Total No. of Pages : 4

[5158]Ext.-308
T.Y.B.Com.
BUSINESS LAWS AND PRACTICES
(2013 Pattern) (Special Paper - II)

Time : 3 Hours]

[Max. Marks : 100

Instructions to the candidates :

- 1) All questions are compulsory.*
- 2) Figures to the right indicate full marks.*

Q1) Explain the provisions relating to health of workers in the factory as per the factories Act, 1948. **[20]**

Q2) Explain provision of Employees providend fund Scheme as per the Employees providend Fund and Miscellaneous provision Act, 1952. **[20]**

OR

Define wages as per wages Act. Explain Various deduction from wages under payment of wages Act, 1936.

Q3) a) State Qualification (Eligibility) and Disqualification of workers for Bonus as per Bonus Act, 1965. **[10]**

b) What do you mean by oppression and Mismanagement? State the things which includes in Oppression and Mismanagement. **[10]**

OR

a) State provisions regarding offences and penalties as per The Employees providend fund and Miscellaneous Act, 1952. **[10]**

b) What is political fund of Trade Union? State the Objectives for which the political fund can be used. **[10]**

P.T.O.

Q4) Explain the structure of company Law Administration. **[20]**

Q5) Write short Notes (Any two) **[20]**

- a) State legal provisions regarding compromise
- b) Necessity and Scope of Business Ethics.
- c) Occupier of factory (Factories Act, 1948)
- d) Inspection and Investigation



Total No. of Questions : 5]

P782

[5158]Ext.-308
T.Y.B.Com.
BUSINESS LAWS AND PRACTICES
(2013 Pattern) (Special Paper - II)
(मराठी रूपांतर)

वेळ : 3 तास]

[एकूण गुण : 100

सूचना :-

- 1) सर्व प्रश्न आवश्यक आहेत.
- 2) उजवीकडील अंक प्रश्नांचे पूर्ण गुण दर्शवितात.

प्रश्न 1) कारखान्यांचा कायदा, 1948 अन्वये कारखान्यातील कामगारांच्या आरोग्या बाबतच्या तरतुदी स्पष्ट करा. [20]

प्रश्न 2) कर्मचारी भविष्य निर्वाह निधी व विविध तरतुदींचा कायदा, 1952 अन्वये कर्मचारी भविष्य निर्वाह निधी योजनांच्या महत्वाच्या तरतुदी स्पष्ट करा. [20]

किंवा

वेतनाची व्याख्या द्या. वेतन देण्याबद्दलचा कायदा, 1936 अन्वये वेतनातून करता येणाऱ्या कपाती सांगा.

प्रश्न 3) अ) बोनस कायदा, 1965 नुसार कामगारांना बोनस मिळण्याची पात्रता व अपात्रता सांगा. [10]

ब) जुलूम व गैरकारभार म्हणजे काय? जुलूम व गैरकारभारात समाविष्ट होणाऱ्या बाबी सांगा. [10]

किंवा

अ) कर्मचारी भविष्य निर्वाह निधी व विविध तरतुदींचा कायदा, 1952 नुसार गुन्हे आणि दंडाबाबतच्या तरतुदी सांगा. [10]

ब) कामगार संघटनेचा राजकिय निधी म्हणजे काय? राजकिय निधी कोणत्या उद्देशांसाठी खर्च करता येतो ते सांगा. [10]

प्रश्न 4) कंपनीकायदा प्रशासनाची रचना स्पष्ट करा. [20]

प्रश्न 5) थोडक्यात टिपा लिहा.(कोणत्याही दोन) [20]

अ) तडजोडीच्या संदर्भातील कायदेशीर तरतुदी

ब) व्यावसायिक नैतिकतेची आवश्यकता व व्याप्ती

क) कारखान्याचा मालक/नियंत्रक (कारखानांचा कायदा, 1948)

ड) निरीक्षण आणि अनुसंधान/चौकशी



Total No. of Questions : 9]

SEAT No. :

P783

[Total No. of Pages : 4

[5158]Ext.-309

T.Y. B.Com.

CO - OPERATION AND RURAL DEVELOPMENT

(2013 Pattern) (Paper - II)

Time : 3 Hours]

[Max. Marks : 100

Instructions to the candidates :

- 1) Question No.1 is compulsory.*
- 2) Solve any five questions from Q. No.2 to Q. No.9.*
- 3) Figures to the right indicate full marks.*

Q1) Define Co-operative Management? Explain the Objectives and Functions of Co-operative Management. **[20]**

Q2) What mean by Director? Describe the Responsibilities and Role of Board of Directors in Co-operative Management. **[16]**

Q3) Comment on Co-operative Philosophy and Human Resource Development (HRD), in detail. **[16]**

Q4) What mean by Decision - Making? State and Explain the Steps involved in Decision-making process. **[16]**

Q5) Enumerate the Organizational structure of Co-operative Department in Maharashtra. **[16]**

Q6) Distinguish between Co-operative Finance and Corporate finance. **[16]**

Q7) What mean by Financial Planning? Describe the characteristics of Financial Planning. **[16]**

P.T.O.

Q8) Define Co-operative Audit? Explain the Nature and Importance of Co-operative Audit. **[16]**

Q9) What mean by Co-operative Auditor? Enumerate the Powers and Duties of Co-operative Auditor. **[16]**



Total No. of Questions : 9]

P783

[5158]Ext.-309

T.Y. B.Com.

CO - OPERATION AND RURAL DEVELOPMENT

(2013 Pattern) (Paper - II)

(मराठी रूपांतर)

वेळ : 3 तास]

[एकूण गुण : 100

सूचना :-

- 1) प्रश्न क्रमांक 1 सोडविणे आवश्यक आहे.
- 2) प्रश्न क्रमांक 2 ते प्रश्न क्रं. 9 पैकी कोणतेही पाच प्रश्न सोडवा.
- 3) उजवीकडील अंक पूर्ण गुण दर्शावितात.

-
- प्रश्न 1) सहकारी-व्यवस्थापनाची व्याख्या सांगा? सहकारी व्यवस्थापनाची उद्दीष्टे आणि कार्ये स्पष्ट करा. [20]
- प्रश्न 2) संचालक म्हणजे काय? सहकारी-व्यवस्थापनात संचालक मंडळाच्या जबाबदाऱ्या आणि संचालक मंडळाची भूमिका विशद करा. [16]
- प्रश्न 3) सहकारी-तत्वज्ञान आणि मनुष्यबळ विकास यावर सविस्तर चर्चा करा. [16]
- प्रश्न 4) निर्णय घेण्याची क्षमता (निर्णय - क्षमता) म्हणजे काय? निर्णय क्षमतेच्या प्रक्रियेत समाविष्ट होणाऱ्या विविध पायऱ्या/टप्पे (Steps) सांगून, स्पष्ट करा. [16]
- प्रश्न 5) महाराष्ट्रातील सहकारी विभागाचे सघटनात्मक स्वरूप विशद करा. [16]
- प्रश्न 6) सहकारी वित्त (Co-operative finance) आणि प्रबंधन (कंपनी) वित्त (Corporate finance) या दोघामधील फरक स्पष्ट करा. [16]
- प्रश्न 7) वित्तिय - नियोजन म्हणजे काय? वित्तिय-नियोजनाची वैशिष्ट्ये विशद करा. [16]

प्रश्न 8) सहकारी - लेखा परिक्षणाची व्याख्या सांगा? सहकारी लेखा परिक्षणाचे स्वरूप आणि महत्व स्पष्ट करा. [16]

प्रश्न 9) सहकारी - लेखा परिक्षक म्हणजे काय? सहकारी लेखा परिक्षकाचे अधिकार आणि कर्तव्ये विशद करा. [16]



Total No. of Questions : 5]

SEAT No. :

P784

[Total No. of Pages : 4

[5158]Ext.-310
T.Y. B.Com.
COST AND WORKS ACCOUNTING
(2013 Pattern) (Paper - II)

Time : 3 Hours]

[Max. Marks : 100

Instructions to the candidates :

- 1) *All questions are compulsory.*
- 2) *Figures to the right indicate full marks.*
- 3) *Use of calculator is allowed.*

Q1) A) State whether the following statements are true or false. [5]

- a) Fixed overhead cost is a committed cost.
- b) Factory rent is a direct cost to the factory as a whole but indirect to the departments.
- c) Job costing method is more suitable where production is carried out according to customers specifications.
- d) De-escalation clause aims at passing the benefits to the contractor for all in prices.
- e) Generally, standing charges constitute a large portion in the total operating cost.

B) Fill in the blanks. [5]

- a) Audit fees are apportioned on the basis of _____
- b) Provident fund contribution is apportioned on the basis of _____
- c) In pharmaceutical formulation industry generally _____ costing method is used.
- d) By-products are relatively _____ value.
- e) Work certified is always valued at contract _____ whereas work uncertified is valued _____

P.T.O.

Q2) What is 'cost Driver'? State the important factors which should be considered in selecting cost drivers. Explain the types of cost Drivers. **[20]**

OR

What is 'Methods of costing'? Explain various methods of costing.

Q3) Write notes on (Any four) **[20]**

- a) Job costing.
- b) Joint product and By-product.
- c) Absorption of overhead.
- d) Escalation clause.
- e) Abnormal Gain.
- f) Features of Service Costing.

Q4) a) Sanket Ltd., Ahmednagar, has three manufacturing departments S_1 , S_2 , and S_3 and two service departments M_1 and M_2 - The following are the total overhead expenses as per primary distribution Summary for the month ended 31st March, 2016. **[15]**

Manufacturing Depts.	Service Depts.
S_1 – Rs. 2000	M_1 – Rs. 900
S_2 – Rs. 1800	M_2 – Rs. 400
S_3 – Rs. 1600	

The expenses of service depts. are charged on a percentage basis as follows.

Particulars	S_1	S_2	S_3	M_1	M_2
Service Dept. M_1	20%	30%	40%	–	10%
Service Dept. M_2	40%	20%	20%	20%	–

Prepare a Statement showing apportionment of service Depts. Overhead expenses to production Depts. by simultaneous Equation Method.

- b) Calculate the cost of work uncertified in each of the following alternative cases : **[5]**
- i) Total cost incurred to date Rs. 1,20,000, cost of work certified Rs. 1,00,000.
- ii) Total cost incurred to date Rs. 1,20,000 to complete 60% of the contract work. However architect gave certificate only for 50% of the contract price.

- Q5) a)** DSK construction Ltd., pune undertook a contract of Rs. 8,00,000 for the construction of a sports Gymkhana on 1st April 2015. The following information is taken up from the contract ledger as on 31. 3. 2016 in respect of the above. **[15]**

	Rs.
Materials directly issued from stores	– 1,30,000
Material purchased	– 70,000
Scrap materials sold	– 8,000
Materials transfered to other contract	– 10,000
Materials in hand on site	– 11,000
Materials returned to stores	– 6,000
Direct wages paid and payable	– 85,000
Direct charges	– 45,000
Overhead charged to contract	– 40,000
Sub - contract cost	– 9,000
Cost of additional work	– 3,400
Outstanding direct expenses	– 1,600
Plant purchased on 1.4.2015 and issued directly	– 80,000
Annual depreciation on plant	– 8,000
Plant transfered on 1. 4. 2015 to other contract	– 40,000
Cash received being 90% of work certified	– 3,60,000

Uncertified work being 8% of work certified you-are required to prepare -

- i) Contract Account
 - ii) Contractor's Account
- b) Product 'A' is obtained after it passes through three distinct process. you are required to prepare process Accounts from the following information. [15]

Particulars	Total Rs	Process		
		X	Y	Z
Materials	15,084	5,200	3,960	5,924
Direct wages	18,000	4,000	6,000	8,000
Production overheads	18,000	—	—	—
Actual output units		950	840	750
Normal Loss %		5	10	15
Value of Scrap per unit-Rs.		4	8	10

1000 units @ Rs. 6 per unit were introduced in process 'X' Account. Production overheads to be distributed as 100% of Direct wages.

OR

Gade Patil Transport Co.' Pune owns a fleet of taxis and the following information is available from their records.

Number of Taxis	– Number 10
Cost of each Taxi	– 20,000
Monthly salary to the staff	
Manager	- Rs. 3,000
Accountant	- Rs. 2,500
Cleaner	- Rs. 2,000
Mechanic	- Rs. 1,500
Garage Rent	- Rs. 1,000
Monthly Insurance premium	- Rs. 84
Yearly Taxes	- 600 per taxi
Monthly salary to Driver per taxi	- Rs. 200
Annual Repairs per taxi	- Rs. 1000

Total life of a taxi is about 2,00,000 km. A taxi runs in all 3000 km. in the month of which 30% it runs empty. Petrol consumption is one litre for 10 km @ Rs. 21.80 per litre. Oil and other sundrics are Rs. 5 per 100 km.

▽▽▽▽

Total No. of Questions : 5]

SEAT No. :

P785

[Total No. of Pages : 4

[5158]Ext.-311
T.Y. B.Com. (External)
BUSINESS STATISTICS - II
(2013 Pattern) (Special Paper - II)

Time : 3 Hours]

[Max. Marks : 100

Instructions to the candidates :

- 1) *All questions are compulsory.*
- 2) *Figures to the right indicate full marks.*
- 3) *Use of statistical tables and calculator is allowed.*

Q1) Attempt any five of the following : **[10]**

- a) Define classical definition of probability.
- b) Define Binomial distribution, state its mean and variance.
- c) Compute ${}^{10}P_8$
- d) If A and B are any two independent events with $P(A \cup B) = 0.8$ and $P(B) = 0.5$, find $P(A)$.
- e) Describe the procedure of sign test.
- f) Write any two real life situations where a Bernoulli distribution is used.

Q2) Attempt any four of the following : **[20]**

- a) A card is selected at random from a well shuffled ordinary deck of 52 plying cards. Find the probability of getting –
 - i) a spade card
 - ii) a face card
- b) A random sample of 90 adults is classified according to gender and the number of hours they watch television during a week :

Condition of hours ↓	Gender	
	Male	Female
Over 25 hours	15	29
Under 25 hours	27	19

P.T.O.

Use 10% level of significance and test the hypothesis that the time spent watching television is independent of whether the viewer is male or female. [Given $\chi_{0.05}^2 = 3.841$]

- c) The average number of misprints per page of book is 1.5. Assuming the distribution of number of misprints to be Poisson, Find
- the probability that a particular book is free from misprints.
 - number of pages containing more than one misprint if the book contains 900 pages. [given $e^{-1.5} = 0.223130$]
- d) Let A and B be any two events defined on the sample space. If $P(A) = 0.98$, $P(B) = 0.95$ and $P(A \cup B) = 0.99$ find
- $P(A \cap B)$
 - $P(A' \cap B)$
- e) Explain :
- Sample space
 - Independence of two discrete random variables
 - Mutually Exclusive event

Q3) Attempt any four of the following : **[20]**

- a) The closing prices of a stock on 20 days are given below. Determine at 0.05 significance level whether the prices are random
- 10.375, 11.125, 10.875, 10.625, 11.5, 11.625, 11.25, 11.375, 10.75, 11.00, 10.875, 10.75, 11.50, 11.25, 12.125, 11.875, 11.375, 11.875, 11.125, 11.750.
- b) A company has been producing steel tubes of mean inner diameter of 2.00cm. A sample of 10 tubes gives an average inner diameter of 2.01 cm and a variance of 0.004 cm². Is the difference in the value of mean significant? (Use $\alpha = 0.05$)
- c) The mean consumption of food grains among 400 sampled middle class consumers is 380 grams per day per person with a standard deviation 120 grams. A similar sample survey of 600 working class consumers gave a mean of 410 grams with standard deviation 80 grams. Are two classes have average consumption of foodgrains same or not. Use 1% level of significance for the test.

- d) A discrete random variable X has following probability mass function (p.m.f)

$$P(X = x) = \frac{x+1}{10}, \quad x = 0,1,2,3$$

$$= 0, \quad \text{otherwise}$$

Obtain mean and standard deviation of X.

- e) Explain the following terms:
- i) Types of error
 - ii) Null and alternative hypothesis
 - iii) Level of significance

Q4) Attempt any two of the following : **[20]**

- a) The sales data of an item in six shops before and after special promotional campaign are as given below :

Shops	A	B	C	D	E	F
Before Campaign	54	25	30	40	50	45
After Campaign	56	30	35	45	55	48

(Use $\alpha = 0.05$)

- b) Marks scored by candidate in an examination follow normal distribution 44% of the candidates obtained marks below 55 and 6% of the candidates obtained marks above 80. Find the mean and variance of marks.
- c) i) The following is the cumulative distribution function of a discrete random variable :

X	-3	-1	0	1	2	3	5	8
F (x)	0.1	0.3	0.45	0.65	0.75	0.90	0.95	1.00

- ii) Find the P.m.f. of X. In a sample of 600 students of a certain college 400 are found to use ball pens. In another college, from a sample of 900 students 450 were found to use ball pens. Test whether the two colleges are significantly different with respect to the habit of using

ball pens. Use 5% level of significance.

- d) i) Describe the test procedure of large sample, to test single population mean.
- ii) The sample of 900 ball bearings is found to have average weight of 12.5 grams. Can we assume that a sample is coming from a population with mean 13 grams and S.D. 1 gram? (Use $\alpha = 0.05$)

Q5) Attempt any two of the following :

[30]

- a) The joint probability distribution of (x, y) is given below :

X \ Y	0	1	2	3
1	K	3K	2K	4K
2	2K	6K	4K	8K
3	3K	9K	6K	12K

Obtain :

- i) The value of K
- ii) Marginal probability distribution of X and Y
- iii) $P(X + Y > 3)$
- iv) Conditional probability distribution of Y given $X = 2$
- v) Are X and Y independent?
- b) Two random samples drawn from two normal populations are given below :

Sample I	20	16	26	27	23	22	18	24	25	19	-
Sample II	17	23	32	25	22	24	28	31	33	20	22

Test whether two population variances are same? [Use 2% level of significance]

- c) Let $X \sim N(3, 4)$, Find:
- i) $P(X > 5)$
- ii) $P(X < 1)$
- iii) $P(2 < X < 6)$
- iv) $P(4 \leq X \leq 6)$
- v) $P(|X| > 4)$

▽▽▽▽

Total No. of Questions : 5]

SEAT No. :

P786

[Total No. of Pages : 2

[5158]Ext.-312

T.Y.B.Com.

BUSINESS ENTREPRENEURSHIP-II

(2013 Pattern) (Paper - II)

Time : 3 Hours]

[Max. Marks : 100

Instructions to the candidates :

- 1) *All questions are compulsory.*
- 2) *All questions carry equal marks.*

Q1) What is 'Business plan'? Explain the precautions to be taken by an entrepreneur while preparing Business plan. **[20]**

Q2) Define the term 'Small scale Industries'. Explain the role played by SSI in the development of Indian economy. **[20]**

OR

Write a detail note on Scanning the environment for Business Opportunities.

Q3) Answer any Two questions from the following : **[20]**

- a) Explain the financial assistance made by IFCI.
- b) Explain the social aspects of Business Plan.
- c) What is 'Business Sickness'? Explain the causes of Business sickness.
- d) Write a success story of one Entrepreneur in your region.

Q4) Explain in detail the Startup, stability & Growth phase of small Enterprise Management. **[20]**

Q5) Write short notes (Any Two) **[20]**

- a) Financial Incentives for SSI and Tax concessions.
- b) Marketing aspects of Business plan.
- c) Leadership crises & Financial crises.
- d) Format of a business plan.

▽▽▽▽

P.T.O.

Total No. of Questions : 5]

P786

[5158]Ext.-312

T.Y.B.Com.

BUSINESS ENTREPRENEURSHIP-II

(2013 Pattern) (Paper - II)

(मराठी रूपांतर)

वेळ : 3 तास]

[एकूण गुण : 100

- सूचना :-
- 1) सर्व प्रश्न सोडविणे आवश्यक आहे.
 - 2) सर्व प्रश्नांना समान गुण आहेत.

-
- प्रश्न 1) 'व्यवसाय आराखडा' म्हणजे काय? व्यवसाय आराखडा तयार करताना उद्योजकाला कोणती काळजी घ्यावी लागते ते स्पष्ट करा. [20]
- प्रश्न 2) 'लघुउद्योग' या संकल्पनेची व्याख्या द्या. भारतीय अर्थव्यवस्थेच्या विकासामध्ये लघुउद्योगाची भूमिका स्पष्ट करा. [20]
- किंवा
- उद्योजकता संधीची पर्यावरणाविषयक तपासणी यावर सविस्तर टिप लिहा.
- प्रश्न 3) खालीलपैकी दोन प्रश्नांची उत्तरे द्या. [20]
- अ) भारतीय औद्योगिक वित्तिय महामंडळाकडून (IFCI) उद्योगाना दिले जाणारे वित्तिय सह्य्य स्पष्ट करा.
 - ब) व्यावसायिक आराखड्याचे सामाजिक पैलु स्पष्ट करा.
 - क) 'व्यावसायिक आजारपण' म्हणजे काय? व्यावसायिक आजारपणाची कारणे स्पष्ट करा.
 - ड) तुमच्या भागातील यशस्वी उद्योजकाची यशोगाथा लिहा.
- प्रश्न 4) लघुउद्योग व्यवस्थापनाच्या प्रारंभिक, स्थिर व वृद्धी अवस्था स्पष्ट करा. [20]
- प्रश्न 5) थोडक्यात टिपा लिहा. (कोणत्याही दोन) [20]
- अ) लघुउद्योगासाठी वित्तिय प्रलोभने आणि कर सवलती
 - ब) व्यावसायिक आराखड्याचे विपणनाचे पैलु
 - क) व्यवसायातील नेतृत्वविषयक आरिष्ट आणि वित्तिय आरिष्ट
 - ड) व्यवसाय आराखड्याचा नमुना

▽▽▽▽

Total No. of Questions : 6]

SEAT No. :

P787

[Total No. of Pages : 4

[5158]Ext.-313
T.Y.B.Com.
Marketing Management
(2013 Pattern) (Paper - II)

Time : 3 Hours]

[Max. Marks : 100

Instructions to the candidates :

- 1) All questions are compulsory.*
- 2) Figures to the right indicate full marks.*

Q1) What are the various types of marketing Organisations? **[16]**

Q2) Define the term 'Marketing Planning'. Describe the process of preparing 'Marketingplan.' **[16]**

OR

Define the term 'Marketing strategy' Explain the competitive strategy in global environment.

Q3) a) What are the features of 'Social Marketing'? **[8]**

b) Explain the problems of International Marketing. **[8]**

OR

a) Explain the different types of sales fore casting technigues.

b) Explain the marketing in 21st certury.

Q4) What do you mean by 'International Marketing'? Explain the difference between International Marketing and Domestic Marketing. **[16]**

P.T.O.

Q5) What are the different challenges in 'International Marketing'. **[16]**

OR

What do you mean by 'Bench Marking'? Explain the advantages of Bench Marking.

Q6) Write short Note on (Any two) **[20]**

- a) Agricultural Marketing.
- b) Trade Mark Act - 1999.
- c) Criticism on Marketing.
- d) Methods of sales Forecasting.

▽▽▽▽

Total No. of Questions : 6]

P787

[5158]Ext.-313
T.Y.B.Com.
Marketing Management
(2013 Pattern) (Paper - II)
(मराठी रूपांतर)

वेळ : 3 तास]

[एकूण गुण : 100

- सूचना :-
- 1) सर्व प्रश्न सोडविणे आवश्यक आहेत.
 - 2) उजवीकडील अंक प्रश्नांचे पूर्ण गुण दर्शावितात.
 - 3) संदर्भासाठी मूळ इंग्रजी प्रश्नपत्रिका पहावी.

प्रश्न 1) 'विपणन संघटनांचे विविध प्रकार कोणते? [16]

प्रश्न 2) 'विपणन नियोजन' या संज्ञेची व्याख्या द्या. विपणन नियोजन तयार करण्याची प्रक्रिया सविस्तरपणे लिहा. [16]

किंवा

'विपणन व्यूहरचना' या संज्ञेची व्याख्या द्या. जागतिक पर्यावरणातील स्पर्धात्मक व्यूहरचना स्पष्ट करा.

प्रश्न 3) अ) सामाजिक विपणनाची वैशिष्ट्ये कोणती? [8]

ब) आंतरराष्ट्रीय विपणनाच्या समस्या स्पष्ट करा. [8]

किंवा

अ) विक्री पूर्वानुमानाची विविध तंत्रे स्पष्ट करा.

ब) 21 व्या शतकातील विपणन स्पष्ट करा.

प्रश्न 4) आंतरराष्ट्रीय विपणनाचा आपणास काय बोध होतो? आंतरराष्ट्रीय विपणन आणि स्थानिक विपणन या दोहोतील फरक स्पष्ट करा. [16]

प्रश्न 5) आंतरराष्ट्रीय विपणना समोरील विविध आन्हाने कोणती?

[16]

किंवा

मापदंड निर्धारणाचा आपणास काय बोध होतो? मापदंड निर्धारणाचे फायदे स्पष्ट करा.

प्रश्न 6) टिपा लिहा (कोणत्याही दोन)

[20]

- अ) कृषी विपणन
- ब) व्यापार चिन्ह कायदा -1999.
- क) विपणना वरील टिका
- ड) विक्री पूर्वानुमाचे प्रकार

▽▽▽▽

Total No. of Questions : 8]

SEAT No. :

P788

[Total No. of Pages : 2

[5158]Ext.-314
T.Y. B.Com. (External)
Agricultural and Industrial Economics
(2013 Pattern) (Special Paper - II)

Time : 3 Hours]

[Max. Marks : 100

Instructions to the candidates :

- 1) Question no. 1 is compulsory.*
- 2) Attempt any 5 from question no.2 to 8.*
- 3) Figures to right indicate full marks.*

Q1) State the types of agricultural Labour. Explain the causes of increase in agricultural Labour in India. **[20]**

Q2) What is sub-division and fragmentation of agriculture land holdings? Explain its causes and effects. **[16]**

Q3) Explain the nature and scope of the problem of farmer's suicide in India. State the causes of farmer's suicide. **[16]**

Q4) Give a brief review of institutional land reforms in India. **[16]**

Q5) Explain the role of small scale industries in India. What are their problems?**[16]**

Q6) Answer in brief. **[16]**

- a) Explain the progress of Iron and steel industry in India.
- b) Explain the problems of Industrial finance.

Q7) Explain the arguments against the privatisation of public enterprises in India. **[16]**

Q8) Write short notes on : - **[16]**

- a) Social security and welfare measures.
- b) IDBI and industrial finance.



Total No. of Questions : 8]

P788

[5158]Ext.-315
T.Y. B.Com. (External)
Agricultural and Industrial Economics
(2013 Pattern) (Special Paper - II)
(मराठी रूपांतर)

वेळ : 3 तास]

[एकूण गुण : 100

सूचना :-

- 1) प्रथम प्रश्न सोडविणे अनिवार्य आहे.
- 2) प्रश्न क्रमांक 2 ते 8 पैकी कोणतेही पाच प्रश्न सोडवा.
- 3) उजवीकडील अंक प्रश्नांचे पूर्ण गुण दर्शवितात.

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- प्रश्न 1) शेतमजुरांचे प्रकार सांगून भारतातील शेतमजुरांमध्ये वाढ होण्याची कारणे स्पष्ट करा. [20]
- प्रश्न 2) शेतजमीन धारण क्षेत्राचे उपविभाजन व तुकडीकरण म्हणजे काय? त्याची कारणे आणि परिणाम स्पष्ट करा. [16]
- प्रश्न 3) भारतातील शेतकऱ्यांच्या आत्महत्येच्या समस्येचे स्वरूप व व्याप्ती स्पष्ट करा. शेतकऱ्यांच्या आत्महत्येची कारणे सांगा. [16]
- प्रश्न 4) भारतातील संस्थात्मक जमीन सुधारणांचा थोडक्यात आढावा घ्या. [16]
- प्रश्न 5) भारतातील लघुउद्योगांची भूमिका स्पष्ट करा. त्यांच्या समस्या कोणत्या आहेत? [16]
- प्रश्न 6) थोडक्यात उत्तरे लिहा. [16]
अ) भारतातील लोखंड व पोलाद उद्योगाची प्रगती स्पष्ट करा.
ब) औद्योगिक वित्तपुरवठ्याच्या समस्या स्पष्ट करा.
- प्रश्न 7) भारतातील सार्वजनिक उद्योगांच्या खाजगीकरण विरुद्ध युक्तीवाद स्पष्ट करा. [16]
- प्रश्न 8) थोडक्यात टीपा लिहा. [16]
अ) सामाजिक सुरक्षितता आणि कल्याणकारी उपाय योजना.
ब) 'भारतीय औद्योगिक विकास बँक' (IDBI) आणि औद्योगिक वित्तपुरवठा.

▽▽▽▽

Total No. of Questions : 4]

SEAT No. :

P789

[Total No. of Pages : 4

[5158]Ext.-315

T.Y.B.Com.

Defence Budgeting, Finance and Management

(Special Paper - II)

Time : 3 Hours]

[Max. Marks : 100

Instructions to the candidates :

- 1) *All questions are compulsory.*
- 2) *Figures to the right indicate full marks.*

Q1) Answer in 20 Words each (any ten)

[20]

- i) What do you mean by financial management?
- ii) What are the limitations of estimate budget?
- iii) Define defence budget.
- iv) What is threat perception?
- v) Define zero budgets.
- vi) What are the sources of war finance?
- vii) Define mixed economy.
- viii) State the meaning of performance budgeting.
- ix) Define perspective planning.
- x) What do you mean by war potential?
- xi) State the meaning of productive defence expenditure.
- xii) Write any two merits of DPSU.
- xiii) Write any two merits of war time economy.

Q2) Answer in 300 Words each (any two)

[30]

- i) Establish relationship between economy and defence preparedness.
- ii) Discuss political aspects of defence production.
- iii) Explain relationship between performance budget and military expenditure.

P.T.O.

Q3) Answer in 300 Words each (any two) [30]

- i) Explain impacts of decreased defence expenditure on armed forces.
- ii) Discuss organizational aspects of decision making.
- iii) Describe status of indigenous arms production in India.

Q4) Write short notes on (any two) [20]

- i) Principles of logistics management.
- ii) Principles of military organization
- iii) Industrial policy resolution of the government sine 1991 onwards.



Total No. of Questions : 4]

P789

[5158]Ext.-315

T.Y.B.Com.

Defence Budgeting, Finance and Management

(Special Paper - II)

(मराठी रूपांतर)

वेळ : 3 तास]

[एकूण गुण : 100

सूचना :-

- 1) सर्व प्रश्न सोडविणे आवश्यक आहे.
- 2) उजवीकडील अंक प्रश्नांचे पूर्ण गुण दर्शवितात.

प्रश्न 1) 20 शब्दांत उत्तरे द्या. (कोणतेही दहा)

[20]

- i) वित्तिय (आर्थिक) व्यवस्थापन म्हणजे काय ?
- ii) अंदाज आधारीत अर्थसंकल्पाच्या मर्यादा कोणत्या ?
- iii) संरक्षण अंदाजपत्रक व्याख्या द्या.
- iv) धोक्या विषयी संकल्पना म्हणजे काय ?
- v) “झिरो बजेट” व्याख्या द्या.
- vi) युद्धनिधी संकलनाची उगमस्तोत्रे कोणती ?
- vii) मिश्रअर्थव्यवस्था व्याख्या द्या.
- viii) कार्याभिमुख अर्थ संकल्प म्हणजे काय ?
- ix) ‘प्रसपेक्टीव्ह प्लॉनिंग’ व्याख्या द्या.
- x) युद्धक्षमता म्हणजे काय ?
- xi) “उत्पादक संरक्षणखर्च” याचा अर्थ लिहा.
- xii) डि.पी.एस.यु. चे कोणतेही दोन गुणधर्म लिहा.
- xiii) युद्धकालीन अर्थव्यवस्थेचे कोणतेही दोन गुणधर्म लिहा

प्रश्न 2) 300 शब्दांत उत्तरे द्या. (कोणतेही दोन) [30]

- i) अर्थव्यवस्था आणि संरक्षणसज्जता यातील संबंध स्पष्ट करा.
- ii) संरक्षण उत्पादनाचे “राजकीय पैलू” बाबत चर्चा करा.
- iii) कार्याभिमुख अर्थसंकल्प आणि संरक्षणावर होणारा खर्च यातील संबंध स्पष्ट करा.

प्रश्न 3) 300 शब्दांत उत्तरे द्या. (कोणतेही दोन) [30]

- i) संरक्षण खर्च कपातीचे सशस्त्र सेनादलरकर होणारे परिणाम स्पष्ट करा.
- ii) निर्णयप्रक्रियेच्या संघटनात्मक पैलू बाबत चर्चा करा.
- iii) भारतातील मुलभूत - स्वदेशी शास्त्रास्त्र उत्पादनाची सध्या स्थितीचे वर्णन करा.

प्रश्न 4) थोडक्यात टीपा द्या. (कोणत्याही दोन) [20]

- i) पुरवठा व्यवस्थापनाची तत्वे
- ii) लष्करी संघटनाची तत्वे
- iii) 1991 पासूनंतर आजपर्यंतचे शासनाचे औद्योगिक धोरणाबाबतचे ठराव.



Total No. of Questions : 9]

SEAT No. :

P790

[Total No. of Pages : 4

[5158]Ext.-316

T.Y. B.Com.

INSURANCE TRANSPORT AND CLEARANCE

(2013 Pattern) (Paper - II)

Time : 3 Hours]

[Max. Marks : 100

Instructions to the candidates :

- 1) Question No. 1 is compulsory.*
- 2) Solve any five questions from Q. No. 2 To Q. No. 9.*
- 3) Figures to the right indicate full marks.*

Q1) Define Life Insurance. Enumerate the claim settlement Procedure of Life Insurance, in detail. **[20]**

Q2) Distinguish between Private Insurance Companies and Government Controlled Insurance Companies. **[16]**

Q3) Define Privatization. State and Explain the effects of Privatization on Insurance Business. **[16]**

Q4) Describe the Objectives and Main Provisions of Insurance Regulatory and Development Act - 1991. **[16]**

Q5) Explain the Accidental Benefits and Disability Benefits of General Insurance Contract. **[16]**

Q6) Comment on Installment Revival scheme and Special Revival scheme of General Insurance. **[16]**

P.T.O.

Q7) Describe the different kinds of saving plans of Insurance Business. **[16]**

Q8) State and Explain the Objectives and Main Provisions of General Insurance (Nationalization) Amendment Act - 2002. **[16]**

Q9) Describe the Methods of Payment and Importance of Timely payment of premium of General Insurance. **[16]**



Total No. of Questions : 9]

P790

[5158]Ext.-316

T.Y. B.Com.

INSURANCE TRANSPORT AND CLEARANCE

(2013 Pattern) (Paper - II)

(मराठी रूपांतर)

वेळ : 3 तास]

[एकूण गुण : 100

सूचना :-

- 1) प्रश्न क्रमांक 1 सोडविणे आवश्यक आहे.
- 2) प्रश्न क्र. 2 ते प्रश्न क्र. 9 यापैकी कोणतेही पाच प्रश्न सोडवा.
- 3) उजवीकडील अंक पूर्ण गुण दर्शवितात.

प्रश्न 1) आर्यु विम्याची व्याख्या सांगा? आर्यु विम्याची नुकसान भरपाई मिळविण्याची कार्यपध्दती सविस्तर विशद करा. [20]

प्रश्न 2) खाजगी विमा कंपन्या आणि सरकारी नियंत्रीत विमा कंपन्या या दोघामधील फरक स्पष्ट करा. [16]

प्रश्न 3) खाजगीकरणाची व्याख्या सांगून, विमा व्यवसायावर खाजगीकरणाचे झालेले परिणाम सांगून, स्पष्ट करा. [16]

प्रश्न 4) 1991 च्या विमा नियमनात्मक आणि विकास कायद्याची उद्दीष्ट्ये आणि मुख्य तरतूदी विशद करा. [16]

प्रश्न 5) सर्व साधारण विमा करारातील अपघाती फायदे (Accidental Benefits) आणि अपंगत्वाचे फायदे (Disability Benefits) स्पष्ट करा. [16]

प्रश्न 6) सर्व साधारण विम्यातील 'हप्ते पूनर्लाभ योजना' (Installment Revival scheme) आणि 'स्पेशल पूनर्लाभ योजना (Special Revival scheme) यावर चर्चा करा. [16]

प्रश्न 7) विमा व्यवसायातील बचत योजनाचे विविध प्रकार विशद करा. [16]

प्रश्न 8) 2002 या सर्वसाधारण विमा व्यवसाय (राष्ट्रीयीकरण) सुधारणा कायद्याचे उद्देश आणि मुल्य तरतूदी सांगून, स्पष्ट करा. [16]

प्रश्न 9) सर्व साधारण विम्याच्या पैसे देण्या संदर्भातील पध्दती आणि वेळे वर हप्ते/पैसे (Payment) भरण्याचे महत्व विशद करा. [16]



Total No. of Questions : 5]

SEAT No. :

P791

[Total No. of Pages : 2

[5158] Ext. - 317
T.Y. B.Com.
COMPUTER APPLICATION - II
Computer Networking and Cyber Security
(2013 Pattern) (Paper - II)

Time : 3Hours]

[Max. Marks : 100

Instructions to the candidates:

- 1) All questions are compulsory.*
- 2) Figures to the right indicate full marks.*
- 3) Neat diagrams must be drawn wherever necessary.*

Q1) Attempt any Ten of the following:

[20]

- a) Define the term Network Topology.
- b) List the various types of Network Interface card.
- c) List any two security issues in wireless Network.
- d) Define the term IP address.
- e) Which are the propagation modes in fiber optic cable.
- f) What is the line of sight problem?
- g) What do you mean by malicious code?
- h) What is the advantage of Encryption?
- i) What do you mean by cyber crime?
- j) What is the use of a computer network.
- k) What is a threat?
- l) Define the term protocol.

Q2) Attempt any four of the following:

[20]

- a) Explain in detail the Gigabit Ethernet.
- b) Explain in detail the modes of communication.
- c) What are the various types of steganography.

P.T.O.

- d) Explain in detail the architecture of the Bluetooth.
- e) What are the properties of the IP address?

Q3) Attempt any four of the following: **[20]**

- a) What are the advantages and disadvantages of fiber optic cables?
- b) Explain in detail the various methods of password cracking.
- c) Explain in detail the tools and techniques of cryptography.
- d) Explain in detail the different generations of wireless networks.
- e) Explain in detail the concepts of Information security.

Q4) Write short note on (any four) **[20]**

- a) Internet Model.
- b) Strong password.
- c) Digital signatures.
- d) Bluetooth.
- e) Coaxial cable.

Q5) a) Attempt any two of the following. **[10]**

- i) Explain in detail the layers of OSI model.
- ii) What are the advantages and disadvantages of the wireless networks.
- iii) Explain in detail the IEEE 802.11.

b) Attempt any two of the following. **[10]**

- i) Explain in detail the various types of attacks.
- ii) Explain in detail the various types of networks.
- iii) Explain in detail the Insecure Network connections.



Total No. of Questions : 5]

SEAT No. :

P792

[Total No. of Pages : 4

[5158]Ext. -318
T.Y. B.Com.
BUSINESS ADMINISTRATION
Finance, Production and Operations Functions
(2013 Pattern) (Paper - III)

Time : 3 Hours]

[Max. Marks : 100

Instructions to the candidates:

- 1) All questions are compulsory.*
- 2) Figures to the right indicate full marks.*

Q1) What is 'Fixed Capital'.? Explain factors determining need and Importance of Fixed Capital. **[20]**

Q2) What is 'Finance'? Explain the Nature and Importance of Finance. **[20]**

OR

What is 'Financial Planning'? Explain the characteristics and Importance of Financial Planning. **[20]**

Q3) a) Explain the causes of 'Under Capitalisation'. **[10]**

b) Explain the advantages of plant lay-out. **[10]**

OR

a) Explain the advantages of 'Public Deposits'. **[10]**

b) Explain the Advantages and Disadvantages of J.I.T. **[10]**

Q4) What is Inventory Management? Explain the various methods of Inventory Management. **[20]**

P.T.O.

Q5) Write short notes (any two)

[20]

- a) Functions of Material Handling
- b) Supply Chain Management
- c) Objectives of production control
- d) Process of production planning



Total No. of Questions : 5]

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T.Y.B. Com.

व्यवसाय प्रशासन (पेपर-3)

वित्त, उत्पादन आणि प्रक्रिया कार्ये

(2013 Pattern)

(मराठी रूपांतर)

वेळ : 3 तास]

[एकूण गुण : 100

- सूचना: 1) सर्व प्रश्न सोडविणे आवश्यक आहेत.
2) उजवीकडील अंक पूर्ण गुण दर्शवितात.

प्रश्न 1) 'स्थिर भांडवल' म्हणजे काय? स्थिर भांडवलाची गरज ठरविणारे घटक व महत्व स्पष्ट करा. [20]

प्रश्न 2) 'वित्त' म्हणजे काय? वित्ताचे स्वरूप व महत्व स्पष्ट करा. [20]

किंवा

'वित्तीय नियोजन' म्हणजे काय? वित्तीय नियोजनाची वैशिष्ट्ये व महत्व स्पष्ट करा.

प्रश्न 3) अ) 'न्यून भांडवलीकरणाची' कारणे स्पष्ट करा. [10]

ब) यंत्रकुल रचनेचे फायदे स्पष्ट करा. [10]

किंवा

अ) सार्वजनिक ठेवीचे फायदे स्पष्ट करा. [10]

ब) जे. आय.टी चे फायदे व तोटे स्पष्ट करा. [10]

प्रश्न 4) "मालसाठा व्यवस्थापन" म्हणजे काय? मालसाठा व्यवस्थापनाच्या विविध पद्धती स्पष्ट करा. [20]

प्रश्न 5) थोडक्यात टिपा लिहा. (कोणत्याही दोन)

[20]

- अ) सामग्री हाताळणीची कार्ये
- ब) पुरवठा साखळी व्यवस्थापन
- क) उत्पादन नियंत्रणाची उद्दिष्ट्ये
- ड) उत्पादन नियोजनाची कार्यपद्धती



Total No. of Questions : 5]

SEAT No. :

P793

[Total No. of Pages : 4

[5158]Ext. -319
T.Y. B.Com.
BANKING AND FINANCE
Banking Law and Practice in India
(2013 Pattern) (Special Paper - III) (Theory)

Time : 3 Hours]

[Max. Marks : 100

Instructions to the candidates:

- 1) *All questions are compulsory.*
- 2) *Figures to the right indicate full marks.*

Q1) What is collecting banker? Explain the duties and rights of collecting banker. **[20]**

Q2) Explain the Banking Regulation Act 1949 and how it is applicable to the Co-operative Banks. **[20]**

OR

Explain the Principles of secured Advances.

Q3) a) What is banker's lien? Explain the types of bankers lien. **[10]**

b) What is Negotiable Instruments? Explain the features of Negotiable Instruments. **[10]**

OR

a) What is paying banker? Explain the statutory protection to paying banker.

b) What is project appraisal? Explain the technical aspects of project appraisal.

Q4) Define mortgage. Explain the different types of mortgages. **[20]**

P.T.O.

Q5) Write short notes on (any two):

[20]

- a) Bankers obligations of secrecy of accounts
- b) Dishonour of cheque
- c) Legal measures of recovery of loans
- d) Amalgamation of Banking company



Total No. of Questions : 5]

P793

[5158]Ext. -319

T.Y. B.Com.

BANKING AND FINANCE

Banking Law and Practice in India
(2013 Pattern) (Special Paper - III) (Theory)
(मराठी रूपांतर)

वेळ : 3 तास]

[एकूण गुण : 100

- सूचना: 1) सर्व प्रश्न सोडविणे आवश्यक आहे.
2) उजवीकडील अंक पूर्ण गुण दर्शवितात.
3) संदर्भासाठी मूळ इंग्रजी प्रश्नपत्रिका पहावी.

प्रश्न 1) वसूली बँक म्हणजे काय? वसूली बँकेची कर्तव्ये आणि अधिकार स्पष्ट करा. [20]

प्रश्न 2) बँकींग नियमन कायदा 1949 स्पष्ट करून सहकारी बँकांना तो कसा लागू होतो ते स्पष्ट करा. [20]

किंवा

सुरक्षित अग्रिमांची तत्वे स्पष्ट करा.

प्रश्न 3) अ) बँकेचा धारणाधिकार म्हणजे काय? बँक धारणाधिकाराचे प्रकार स्पष्ट करा. [10]

ब) चलनक्षम दस्तऐवज म्हणजे काय? चलनक्षम दस्त ऐवजाची वैशिष्ट्ये स्पष्ट करा. [10]

किंवा

अ) प्रदायी बँक म्हणजे काय? प्रदायी बँकेला असणारे कायदेशीर संरक्षण स्पष्ट करा.

ब) प्रकल्प मुल्यमापन म्हणजे काय? प्रकल्प मुल्यमापनाची तांत्रिक बाजू स्पष्ट करा.

प्रश्न 4) गहाणाची व्याख्या घ्या. गहाणाचे विविध प्रकार स्पष्ट करा. [20]

प्रश्न 5) थोडक्यात टिपा लिहा. (कोणत्याही दोन)

[20]

- अ) खात्यांच्या गुप्तते संबंधी बँकेवरील बंधने
- ब) धनादेशाचा अनादर
- क) कर्जवसूलीच्या कायदेशीर उपाययोजना
- ड) बँकींग कंपन्यांचे एकत्रीकरण



Total No. of Questions : 6]

SEAT No. :

P794

[Total No. of Pages : 4

[5158]Ext. -320
T.Y.B.Com.
BUSINESS LAWS AND PRACTICES
(2013 Pattern) (Special Paper - III)

Time : 3 Hours]

[Maximum Marks : 100

Instructions to the candidates:

- 1) *All questions are compulsory.*
- 2) *Figures to the right indicate full marks.*
- 3) *Calculator may be used.*

Q1) Define the term 'Company secretary'. Explain the Legal position and Duties and Functions of a company secretary. **[18]**

Q2) Write short notes on (any two) **[18]**

- a) Procedure for Issue of Debenture
- b) Statutory Books and Registers
- c) The trade mark Act, 1999
- d) Courier services

OR

Explain the condition and manner of utilization of 'CENVAT' credit.

Q3) a) Explain the objects and Features of service tax. **[8]**

b) From the following details compute 'CST' Payable by a dealer carrying on Business in New Delhi turnover for the year is Rs.- 16, 00, 000 which is included the following. **[8]**

- i) Trade commission for which credit Notes have to be issued separately Rs. 48000
- ii) Installation charges Rs. 25000

P.T.O.

- iii) Excise duty Rs. 80, 000.
- iv) Freight, Insurance and transport charges Rs. 60, 000 recovered separately in invoice.
- v) Goods returned by dealer within six months of sales but after the end of the year Rs. 40000
- vi) Central sales Tax @ 4% Buyer issued 'C' form for all purchases.

OR

State registration of mortgage and charge. State effect of non-registration of charge and mortgage. [16]

Q4) Define the term 'BRAND NAME'. Explain the provision in respect of trade name [18]

OR

What is debenture? Explain the SEBI 's guidelines pertaining to Issue of debenture and state kinds of debenture.

Q5) Explain the following terms (any two) [18]

- a) Public Deposit
- b) Security for Borrowing
- c) Types of Assessment of Excise duty
- d) Taxable services

Q6) Define the term patent and state information about surrender and revocation of patents. [12]



Total No. of Questions : 6]

P794

[5158]Ext. -320

T.Y.B.Com.

BUSINESS LAWS AND PRACTICES

(2013 Pattern) (Special Paper - III)

(मराठी रूपांतर)

वेळ : 3 तास]

[एकूण गुण : 100

- सूचना: 1) सर्व प्रश्न अनिवार्य आहेत.
2) उजवीकडील अंक पूर्ण गुण दर्शवितात.
3) कॅलक्युलेटर वापरता येईल.
4) संदर्भासाठी मूळ इंग्रजी प्रश्नपत्रिका पहावी.

प्रश्न 1) कंपनी चिटणीस म्हणजे काय? कंपनी चिटणीसाचे कायदेशीर स्थान व कर्तव्य व कार्ये स्पष्ट करा. [18]

प्रश्न 2) थोडक्यात टिपा लिहा (कोणत्याही दोन) [18]

- अ) कर्जरोख्यांच्या विक्रीची पद्धत
ब) नियामक पुस्तके व नोंद वहा
क) व्यापारी चिन्ह कायदा, 1999
ड) कुरिअर सेवा

किंवा

सेनव्हॅट सवलतीच्या अटी व विनियोग करण्याच्या पद्धती स्पष्ट करा.

- प्रश्न 3) अ) सेवा कराची उद्दिष्टे व वैशिष्टे स्पष्ट करा. [8]
- ब) वार्षिक उलाढाल रू. 16,00,000 असणाऱ्या दिल्लीतील व्यापाऱ्याचा देय असलेला केंद्रीय विक्रीकर पुढील माहितीच्या आधारे काढा. [8]
- i) व्यापारी कमिशन/दलाली (ज्याची क्रेडीट नोट स्वतंत्रपणे दिलेली आहे) रू. 48,000
- ii) बसविण्याचा/स्थापण्याचा खर्च (Installation charges) रू. 25,000
- iii) अबकारी कर (Excise duty) रू. 80,000
- iv) भाडे, विमा आणि वाहतूक खर्च (बिजकात स्वतंत्रपणे आकारलेला आहे) रू. 60,000
- v) विक्रीपासून सहा महिन्यात परंतु आर्थिक वर्षानंतर व्यापाऱ्याने परत केलेला माल. रू. 40,000
- vi) केंद्रीय विक्रीकर दर 4% आहे. खरेदीदाराने सर्व प्रकारच्या खरेदीसाठी 'C' फॉर्म दिलेला आहे.

किंवा

गहाण व बोजाची नोंदणीची पद्धत सांगुण गहाण व बोजाची नोंदणी न करण्याचे परिणाम सांगा. [16]

- प्रश्न 4) बोधनाव म्हणजे काय? व्यापारी नावासंबंधीच्या तरतुदी स्पष्ट करा. [18]

किंवा

कर्जरोखे म्हणजे काय? कर्जरोखे विक्रीबाबत सेबीची मार्गदर्शक तत्वे व कर्जरोख्यांचे प्रकार स्पष्ट करा.

- प्रश्न 5) खालील संकल्पना स्पष्ट करा. (कोणत्याही दोन) [18]

- अ) सार्वजनिक ठेवी
- ब) कर्जासाठी तारण (सुरक्षितता)
- क) उत्पादन शुल्क आकारणीचे प्रकार
- ड) करपात्र सेवा

- प्रश्न 6) पेटंटची व्याख्या सांगा. पेटंटचे समर्पण आणि पेटंट रद्द करणे याबाबत माहिती सांगा. [12]



Total No. of Questions : 5]

SEAT No. :

P795

[Total No. of Pages : 4

[5158]Ext. - 321

T.Y.B.Com.

CO - OPERATION AND RURAL DEVELOPMENT

(2013 Pattern) (Paper - III)

Time : 3 Hours]

[Maximum Marks : 100

Instructions to the candidates:

- 1) *All questions are compulsory.*
- 2) *Figures to the right indicate full marks.*

Q1) Define co-operative marketing. Explain the different types of co -operatives marketing. **[20]**

Q2) Define pricing. Explain the objectives and state the problems related to minimum support price. **[20]**

OR

What is Marketing Research? Explain the scope of marketing research and state the steps involved in marketing research.

Q3) a) State the importance of marketing strategy in co-operatives. **[10]**

b) Write a note on co-operative service marketing. **[10]**

OR

a) State the organisational set-up of (APMC) Agriculture Produce Market Committee.

b) Write a note on performance of NAFED.

Q4) Explain the progress and problems of Agricultural produce market committee in detail. **[20]**

P.T.O.

Q5) Write short notes (any two):

[20]

- a) Strategy for exporting Agriculture produce.
- b) Write short note on cotton co-operatives.
- c) Impact of Agriculture marketing.
- d) Features of Agricultural Produce Market (Regulation) Act 1963.



Total No. of Questions : 5]

P795

[5158]Ext. -321

T.Y.B.Com.

CO-OPERATION AND RURAL DEVELOPMENT

(2013 Pattern) (Paper - III)

(मराठी रूपांतर)

वेळ : 3 तास]

[एकूण गुण : 100

- सूचना: 1) सर्व प्रश्न सोडविणे आवश्यक आहे.
2) उजवीकडील अंक प्रश्नांचे पूर्ण गुण दर्शवितात.

प्रश्न 1) सहकारी विपणनाची व्याख्या द्या. सहकारी विपणनाचे वेगवेगळे प्रकार स्पष्ट करा. [20]

प्रश्न 2) किमतीची व्याख्या सांगा किमतीची उद्दीष्टे स्पष्ट करून किमान आधारभूत किमती संदर्भातील समस्या सांगा. [20]

किंवा

विपणन संशोधन म्हणजे काय? विपणन संशोधनाची व्याप्ती स्पष्ट करा आणि विपणन संशोधनातील पायऱ्या स्पष्ट करा.

प्रश्न 3) अ) सहकारातील विपणन व्यूहरचनेचे महत्व स्पष्ट करा. [10]

ब) सहकारी सेवा विपणन यावर टिप लिहा. [10]

किंवा

अ) कृषी उत्पन्न बाजार समितीची संघटनात्मक रचना सांगा.

ब) नाफेडची कामगिरी यावर टिप लिहा.

प्रश्न 4) कृषी उत्पन्न बाजार समित्यांची कामगिरी आणि समस्या सविस्तर स्पष्ट करा. [20]

प्रश्न 5) टिपा लिहा. (कोणतेही दोन)

[20]

- अ) कृषि उत्पादीत माल निर्यातीसाठीची व्यूहरचना
- ब) सहकारी सूत गिरणी
- क) कृषि विपणनावरील परिणाम
- ड) कृषि उत्पादन बाजार (नियमन) कायदा 1963 ची वैशिष्ट्ये



Total No. of Questions : 5]

SEAT No. :

P796

[Total No. of Pages : 5

[5158]Ext. - 322

T.Y.B.Com.

COST AND WORKS ACCOUNTING

(Cost and Works Accounting (Special) Paper - III)

(2013 Pattern)

Time : 3 Hours]

[Max. Marks : 100

Instructions to the candidates:

- 1) *All questions are compulsory.*
- 2) *Figures to the right indicate full marks.*
- 3) *Use of calculator is allowed.*

Q1) a) Fill in the blanks (any five) [5]

- i) At Break even Point _____ is equal to fixed cost.
- ii) The cost audit Report rules have been framed by the _____ Government.
- iii) Cost Audit is the application of auditing principles and procedures in the field of _____ .
- iv) In farm cost Accounting three separate records _____, supplemental data records and financial records are needed to obtain necessary information.
- v) Idle time variance will always be _____ .
- vi) Under standard costing, the stocks are valued at _____ costs.

b) State whether the following statements are true or false (Any five) [5]

- i) A cash budget is a part of financial budget.
- ii) Cost audit report covers a period of one previous year.
- iii) Cost audit detects and prevents errors and frauds in preparation of financial records.
- iv) The object of farm costing is to calculate true product cost of each farming activity.
- v) The success of uniform costing simply depends on mutual trust, Co-operation and confidence.
- vi) MIS reporting is not essential in business organisations.

P.T.O.

Q2) What is uniform Costing? Explain its merit and the essentials to be full filled for its effective implementation. **[20]**

OR

Define MIS. Explain the procedure of MIS.

Q3) Write short notes (any four) **[20]**

- a) Flexible Budget.
- b) Advantages of interfirm comparison.
- c) Objectives of standard costing.
- d) Features of farm costing
- e) Appointment of Cost Auditor.
- f) Cost Accounting Principles.

Q4) a) Following is the cost structure of a Product-2014-15. **[15]**

Particulars	Unit Cost ₹
Direct Material	100
Add-Productive Wages	+ 80
Add-Variable overheads	+ 20
Total variable Cost	<u>200</u>
Add- Fixed Cost	+ 40
Total Cost	<u>240</u>
Add Profit	60
Sales	<u><u>300</u></u>

Company produced and sold 5000 units you are required to calculate

- i) PLV ratio
- ii) BEP (sales)
- iii) Margin of Safety
- iv) Profit when sales are ₹ 30,00,000
- v) Sales when profit are ₹ 1,00,000

- b) The Standard time for Unit component X are given below. [5]

Standard hours per Unit : 15 Hours

Standard Rate : ₹ 4 Per hour

The actual data and related information are as under

Actual Production : 1,000 Units

Actual Hours : 15,300 hours

Actual Rate : ₹ 3.90 per hour

Calculate

- i) Labour Efficiency Variance and
- ii) Labour Rate variance

- Q5) a)** Godrej Co-Gurgaon manufacturers a product 'Bosin' by mixing three raw materials viz. A_1, B_2, C_3 . It is ascertained that 125 kgs of raw materials input are used for every 100 kgs of output. In January, 2015, there was an output of 5600 kgs of product 'Bosin'. The additional cost data relating to the period is as follows : [15]

Raw Material	Standard		Actual	
	Mixing Proportion %	Price per kg ₹	Mixing Proportion %	Price per ₹ kg
A_1	50	40	60	45
B_2	30	25	20	20
C_3	20	10	20	15

During the period, the actual quantity of material consumed was 7000 kgs. You are required to compute the following material variances and verify the results.

- i) Material cost variance
- ii) Material Price Variance
- iii) Material Usage Variance and
- iv) Material Mix Variance

- b) In chetana Manufacturing Co, chembur, production of a single product requires three operations Viz Assembly, electrical, and Mechanical. The standard cost and the actual cost data relating to direct labour are as follows - [15]

Operations	Standard		Actual	
	Hours	Rate (₹)	Hours	Rate (₹)
Assembly	100	3.00	120	2.00
Electrical	150	4.00	140	5.00
Mechanical	200	5.00	180	6.00
Total	450		440	

Calculate labour Variances Viz

- i) Labour Cost Variance
- ii) Labour Rate Variance
- iii) Labour Efficiency Variance

OR

- b) From the following Trial Balance of chandan farm. Prepare Cost statement for Crop. Live stock for the year ended 31st March 2015.

Particulars	Dr (Rs.)	Particulars	Cr.(Rs)
<u>Opening stock</u>			
Growing crops	2500	Sundry creditors	3750
Wheat	1250	Bank Overdraft	750
Fertilizer	1250	Manager personal	
Live Stock	6250	Account	500
		Sales :	
Feeding Material	1500	Wheat	8750
Crop Expenses	2500	Live stock	18750
Live stock Expenses	7075	Loan	15000
Farm House Expenses	300	Provision for Depreciation	7500
Interest on loan (crop)	1000		
<u>Salaries & Wages :</u>		<u>Profit and loss</u>	2,500
Manager Salary	1500	Capital	67,500

Farm Labour	1250	
Staff meals	125	
Land and Building	52,500	
Farm Machinery	27,000	
Sundry Debtors	7500	
Cash in hand	6500	
Repairs to Machinery	250	
Tools & Implements	625	
Office Expenses	1000	
Live stock Purchases	3125	
	1,25,000	1,25,000

Additional Information :

i) Stock on 31st March, 2015

Growing crop	Rs. 1000
Wheat	Rs. 1000
Fertilizers	Rs. 500
Livestock	Rs. 10,000
Feeding Material	Rs. 2500
Tools and Implements	Rs. 500

- ii) Depreciation on Tools and Implements is to be allocated between crop and Live - Stock equally.
- iii) Manager salary and staff meals are charged 20% to the Live - Stock and 80% to the crop.
- iv) Farm product worth Rs. 250 is consumed by cattles.
- v) Farm House expenses and Farm labour distributed between crop Livestock in the ratio of 3:2.



Total No. of Questions : 5]

SEAT No. :

P797

[Total No. of Pages : 5

[5158] Ext. - 323
T.Y. B.Com.
BUSINESS STATISTICS
(2013 Pattern) (Special Paper -III)

Time : 3Hours]

[Max. Marks : 100

Instructions to the candidates:

- 1) All questions are compulsory.*
- 2) Figures to the right indicate full marks.*
- 3) Use of statistical tables and calculator is allowed.*

Q1) Attempt any five of the following:

[10]

- a) Explain the term simulation.
- b) Obtain the saddle point for the following Game:

$$\text{Player A} \begin{matrix} & \text{Player B} \\ \begin{bmatrix} 13 & 17 \\ -15 & 15 \end{bmatrix} \end{matrix}$$

- c) If $C(x) = 3x^4 + 6x^2 + 18$ is the manufacturer's total cost equation, find
 - i) average variable cost
 - ii) average fix cost
- d) Define strategy in game theory with an illustration.
- e) For the information given below find EMV for act C.

Acts ↓	States of nature		
	X	Y	Z
A	-20	200	400
B	-50	-100	600
C	200	-50	300
Probability	0.3	0.4	0.3

- f) State purpose of replacement problem?

P.T.O.

Q2) Attempt any four of the following:

[20]

- a) Investigate the maxima and minima of the profit function,
 $P(x) = x^3 - 48x + 50$. Also find the maximum value of profit.
- b) solve the following game:

$$\begin{array}{c} \text{Player B} \\ \left[\begin{array}{ccc} 2 & 0 & 3 \\ 3 & -1 & 1 \\ 5 & 2 & -1 \end{array} \right] \\ \text{Player A} \end{array}$$

- c) Explain the concept of process capability study. Also state the interpretation of capability index C_p And C_{pk}
- d) From the following pay off table (of profit) determine optimal strategy using maximin, maximax, laplace and Hurwicz criterion. (Take $\alpha = 0.7$)

demand →	A_1	A_2	A_3	A_4
Stock ↓				
S_1	16	10	12	7
S_2	13	12	9	9
S_3	11	14	15	14

- e) The pieces of cloth in 10 different rolls contain following number of defects.
 3, 0, 2, 7, 4, 2, 1, 3, 7 and 1. Construct C-chart.

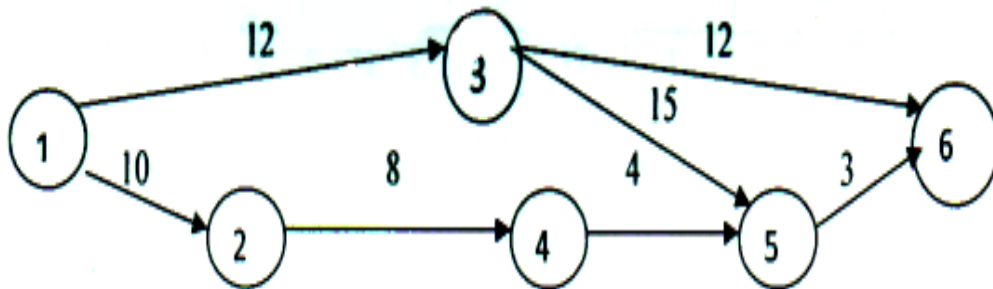
Q3, Attempt any four of the following:

[20]

- a) What do you mean by control limits? What purpose do they serve in control charts? Write control limits for P-chart.
- b) State and explain dominance principle in game theory.
- c) Draw a network diagram using following information.

Activity	1-2	2-3	2-4	3-6	4-5	5-7	6-7	7-8
duration	2	8	14	4	6	6	18	8

d) Find all paths. Also state the critical path.



Q4) Attempt any two of the following:

[20]

a) A self service employees one cashier at its counter. Nine customers arrive on an average every 5 minutes while the cashier can serve 10 customers in 5 minutes.

Find:

- i) Probability that cashier is idle.
 - ii) Average time a customer waits before being served.
 - iii) Average time a customer spend in a system.
 - iv) Average number of customers in queue.
 - v) Average number of customers in the system.
- b) A Machine owner finds from his past records that the maintenance costs per year of a machine whose purchase price is Rs. 8000 are as given below:

Year:	1	2	3	4	5	6	7	8
Maintenance	1000	1300	1700	2200	2900	3800	4800	6000

Cost:

Resale Price:	4000	2000	1200	600	500	400	400	400
---------------	------	------	------	-----	-----	-----	-----	-----

Determine at which time it is profitable to replace the machine.

c) The probability distribution of yield per acre (inkg):

Production Per day	120	140	160	180
Probability	0.15	0.26	0.44	0.12

Consider the following sequence of random numbers:

20, 72, 34, 54, 30, 22, 48, 74, 76, 02.

Using the sequence, simulate the production for next 10 days. Use Monte-Carlo simulation method. Also estimate average yield per acre.

d) Given below is the information about a project regarding different activities.

All time estimates are in days.

Activity	1-2	1-5	2-3	2-4	3-4	4-5	5-6
t_0 :	2	3	6	5	5	3	1
t_m :	5	12	9	14	8	6	4
t_p :	8	21	12	17	11	9	7

- i) Determine expected time estimate and variance for each activity.
- ii) Given the total estimated completion time as 32 days with variance 5 days. What is the probability that the project will be completed within 29 days?

Q5) Attempt any two of the following:

[30]

- a) Raj and Raj run a small gift shop. They must order watches for the coming deewali season. Orders for the watches must be placed in quantities of twenty (20). The cost per watch is Rs. 70/- if they order 20, Rs.67/- if they order 40, Rs.65/- if they order 60, and Rs. 64/- if they order 80. The watches will be sold for Rs. 100/- each. Any watch left over at the end of the season can be returned (for certain) at Rs. 45/- each. Raj and Raj estimate that the demand for watches this season will be 10, 30, 50, or 70 watches with probabilities of 0.2, 0.4, 0.3, and 0.1 respectively. Write down the payoff matrix. Write down the opportunity loss matrix. Verify whether the optimal strategy obtained by EMV and EOL criterion are same?

- b) The following table gives the activities in a project and other relevant information:

Activity	1-2	1-3	1-4	2-5	3-5	3-6	4-6	5-7	6-7
Duration	3	5	4	2	3	7	9	8	9

Find earliest start, earliest finish, latest start, latest finish, total float, free float and independent float for each activity. Also find critical path.

- c) A machine is set to deliver packets of given tensile strength 10 samples of size 5 each were recorded as follows:

Sample No.	Mean	Range
1	15	7
2	17	7
3	15	4
4	18	9
5	17	8
6	14	7
7	18	12
8	15	4
9	17	11
10	16	5

Construct control charts for mean and range. Also comment on whether the process seems to be control. ($n = 5$, $A_2 = 0.577$, $D_3 = 0$, $D_4 = 2.115$).



Total No. of Questions : 6]

SEAT No. :

P798

[Total No. of Pages : 4

[5158]Ext. -324
T.Y. B.Com.
BUSINESS ENTREPRENEURSHIP
(2013 Pattern) (Paper - III)

Time : 3 Hours]

[Max. Marks : 100

Instructions to the candidates:

- 1) *All questions are compulsory.*
- 2) *Figures to the right indicate full marks.*

Q1) Define the concept 'Organizational Behaviour'. Explain its nature and importance. **[18]**

Q2) What do you mean by 'Personality'? Explain in detail the determinants of personality. **[18]**

OR

Describe the entrepreneurial personality of Shri. D. S. Kulkarni. **[18]**

Q3) a) Write a note on 'Group Dynamics'. **[9]**

b) Explain the term 'creating high performance team'. **[9]**

OR

a) Write a note on 'job Rotation'. **[9]**

b) Why do employees resist the changes? **[9]**

Q4) Define the term 'Conflict'. Suggest remedies to overcome the conflicts. **[18]**

P.T.O.

Q5) Write short notes on. (Any two)

[18]

- a) Improved work group
- b) Types of team
- c) Job enrichment
- d) Causes of change

Q6) You are Senior Manager in Private limited company. Your employees are under stress. How will you reduce their stress? **[10]**



Total No. of Questions : 6]

P798

[5158]Ext. -324

T.Y. B.Com.

BUSINESS ENTREPRENEURSHIP

(2013 Pattern) (Paper - III)

(मराठी रूपांतर)

वेळ : 3 तास]

[एकूण गुण : 100

- सूचना: 1) सर्व प्रश्न सोडविणे आवश्यक आहे.
2) उजवीकडील अंक पूर्ण गुण दर्शवितात.

प्रश्न 1) 'संघटनात्मक वर्तन' संकल्पनेची व्याख्या द्या. त्याचे स्वरूप व महत्व स्पष्ट करा. [18]

प्रश्न 2) 'व्यक्तिमत्व' म्हणजे काय? व्यक्तिमत्व ठरविणारे घटक स्पष्ट करा. [18]

किंवा

श्री. डी. एस्. कुलकर्णी यांचे उद्योजकीय व्यक्तिमत्व वर्णन करा. [18]

प्रश्न 3) अ) 'समूहाचे प्रेरक सामर्थ्य' यावर टीप लिहा. [9]

ब) 'उच्च कार्यप्रगती साध्य करणाऱ्या संघाची निर्मिती करणे' ही संकल्पना स्पष्ट करा. [9]

किंवा

अ) 'कार्य बदल' संकल्पनेवर टीप लिहा. [9]

ब) कर्मचारी बदलांना विरोध का करतात? [9]

प्रश्न 4) 'संघर्ष' संकल्पनेची व्याख्या द्या. संघर्षावर मात करण्यासाठी उपाययोजना सुचवा. [18]

प्रश्न 5) थोडक्यात टिपा लिहा. (कोणत्याही दोन)

[18]

- अ) सुधारित कार्य समूह
- ब) संघाचे प्रकार
- क) कार्य संपन्नता
- ड) बदलाची कारणे

प्रश्न 6) तुम्ही खाजगी मर्यादित कंपनीमध्ये वरिष्ठ व्यवस्थापक आहात. तुमचे कर्मचारी ताणतणावाखाली आहेत. तुम्ही त्यांचा ताणतणाव कसा दूर कराल? [10]



Total No. of Questions : 6]

SEAT No. :

P799

[Total No. of Pages : 4

[5158]Ext. -325
T.Y.B.Com.
MARKETING MANAGEMENT
Advertising Management
(2013 Pattern) (Paper - III)

Time : 3 Hours]

[Maximum Marks : 100

Instructions to the candidates:

- 1) All questions are compulsory.*
- 2) Figures to the right indicate full marks.*

Q1) Define 'Advertising'. Explain the Benefits and Limitations of Advertising. **[18]**

Q2) Explain the different Appeals and their significance in Advertising. **[18]**

OR

What is Brand Extension? Explain the advantages and limitations of Brand Extension. **[18]**

Q3) a) Explain the role of advertising in modern Business. **[9]**

b) Explain the purchasing practices of Industrial customers. **[9]**

OR

a) Explain the types of industrial goods. **[9]**

b) Explain the Warehousing and Transport Decisions. **[9]**

Q4) Define 'Marketing Research'. Explain the types of Marketing research. **[18]**

P.T.O.

Q5) Write short notes on (any two)

[18]

- a) E - Advertising
- b) Targeting strategies
- c) Logistics function
- d) Marketing Audit

Q6) Explain the process of marketing control.

[10]



Total No. of Questions : 6]

P799

[5158]Ext. -325

T.Y.B.Com.

MARKETING MANAGEMENT

Advertising Management

(2013 Pattern) (Paper - III)

(मराठी रूपांतर)

वेळ : 3 तास]

[एकूण गुण : 100

- सूचना: 1) सर्व प्रश्न सोडविणे आवश्यक आहे.
2) उजवीकडील अंक पूर्ण गुण दर्शवितात.
3) संदर्भासाठी मूळ इंग्रजी प्रश्नपत्रिका पहावी.

प्रश्न 1) जाहिरातीची व्याख्या द्या. जाहिरातीचे फायदे व मर्यादा विशद करा. [18]

प्रश्न 2) जाहिरातीमधील आवाहनांचे प्रकार आणि त्यांचे महत्व विशद करा. [18]

किंवा

मुद्रा विस्तार म्हणजे काय? मुद्रा विस्ताराचे फायदे व तोटे विशद करा. [18]

प्रश्न 3) अ) आधुनिक व्यवसायातील जाहिरातीची भूमिका विशद करा. [9]

ब) औद्योगिक ग्राहकांची खरेदीची पद्धत विशद करा. [9]

किंवा

अ) औद्योगिक वस्तुंचे प्रकार स्पष्ट करा. [9]

ब) गोदाम आणि वाहतुकीसंबंधीचे निर्णय विशद करा. [9]

प्रश्न 4) विपणन संशोधनाची व्याख्या द्या. विपणन संशोधनाचे प्रकार स्पष्ट करा. [18]

प्रश्न 5) टिपा द्या. (कोणत्याही दोन)

[18]

- अ) ई. जाहिरात
- ब) लक्ष्यकेंद्री विपणनासाठीच्या व्युहरचना
- क) पुरवठाशास्त्राची कार्ये
- ड) विपणन लेखापरिक्षण

प्रश्न 6) विपणन नियंत्रणाची प्रक्रिया स्पष्ट करा.

[10]



Total No. of Questions : 8]

SEAT No. :

P800

[Total No. of Pages : 4

[5158]Ext. -326
T.Y.B.Com.
AGRICULTURAL AND INDUSTRIAL ECONOMICS
(2013 Pattern) (Special Paper - III)

Time : 3 Hours]

[Maximum Marks : 100

Instructions to the candidates:

- 1) *Question No. 1 is compulsory.*
- 2) *Attempt any 5 from question no. 2 to 8.*
- 3) *Figures to the right indicates full marks.*

Q1) Evaluate the role of co-operative credit in rural credit in India since 1991. **[20]**

Q2) Explain the growth and Weaknesses of dairy, co-operatives in India since 1991. **[16]**

Q3) State the types of irrigation. Describe modern changes in irrigation in India. **[16]**

Q4) Give a brief review of rural development programmes in India since 1991. **[16]**

Q5) Explain the causes of regional industrial imbalance in India. State the measures adopted by government to eliminate regional industrial imbalance. **[16]**

Q6) Answer in brief. **[16]**

- a) Explain the impact of industrial policy 1991 on public sector in India.
- b) Explain the problems of public sector investment in infrastructure development in India.

P.T.O.

Q7) Critically examine the role of MNCs in India since 1991 [16]

Q8) Write short notes on: [16]

- a) Impact of 'SEZ' in India.
- b) Infrastructure and economic development.



Total No. of Questions : 8]

P800

[5158]Ext. -326

T.Y.B.Com.

तृतीय वर्ष वाणिज्य
कृषी आणि औद्योगिक अर्थशास्त्र
(2013 Pattern) (Special Paper - III)
(मराठी रूपांतर)

वेळ : 3 तास]

[एकूण गुण : 100

- सूचना: 1) प्रथम प्रश्न सोडविणे आवश्यक आहे.
2) प्रश्न क्रमांक 2 ते 8 पैकी कोणतेही पाच प्रश्न सोडवा.
3) उजवीकडील अंक प्रश्नांचे पूर्ण गुण दर्शवितात.

प्रश्न 1) 1991 पासून भारतातील ग्रामीण पतपूरवठ्यातील सहकारी पतपूरवठ्याच्या भूमिकेचे मूल्यमापन करा. [20]

प्रश्न 2) 1991 पासून भारतातील दुग्ध सहकारी संस्थांची वृद्धी आणि उणीवा स्पष्ट करा. [16]

प्रश्न 3) जलसिंचनाचे प्रकार सांगा. भारतातील जलसिंचनातील आधुनिक बदलांचे वर्णन करा. [16]

प्रश्न 4) 1991 पासून भारतातील ग्रामीण विकास कार्यक्रमांचा थोडक्यात आढावा घ्या. [16]

प्रश्न 5) भारतातील प्रादेशिक औद्योगिक असमतोलाची कारणे स्पष्ट करा. प्रादेशिक औद्योगिक असमतोल दूर करण्यासाठी सरकारने केलेल्या उपाययोजना सांगा. [16]

प्रश्न 6) थोडक्यात उत्तरे लिहा. [16]

- अ) भारतातील सार्वजनिक क्षेत्रावरील 1991 च्या औद्योगिक धोरणाचा प्रभाव स्पष्ट करा.
ब) भारतातील पायाभूत सुविधांच्या विकासातील सार्वजनिक क्षेत्रातील गुंतवणूकीच्या समस्या स्पष्ट करा.

प्रश्न 7) 1991 पासून भारतातील बहुराष्ट्रीय महामंडळांच्या भूमिकेचे टीकात्मक परीक्षण करा.[16]

प्रश्न 8) थोडक्यात टीपा लिहा. [16]

- अ) भारतातील 'सेझ' चा प्रभाव
- ब) पायाभूत सुविधा आणि आर्थिक विकास



Total No. of Questions : 4]

SEAT No. :

P801

[Total No. of Pages : 4

[5158]Ext. -327

T.Y. B.Com.

**306-J: DEFENCE BUDGETING, FINANCE AND
MANAGEMENT
(Special Paper -III)**

Time : 3 Hours]

[Max. Marks : 100

Instructions to the candidates:

- 1) *All questions are compulsory.*
- 2) *Figures to the right indicate full marks.*

Q1) Answer in 20 words each (any ten):

[20]

- 1) Define strategic control management.
- 2) State the concept of parliament control of defence.
- 3) Define industrial power.
- 4) Define threat perception.
- 5) Define zero budgets.
- 6) Write any two post war problems.
- 7) Define mixed economy.
- 8) State the meaning of defence vs development.
- 9) Define perspective planning.
- 10) Define war potential.
- 11) State the meaning of technological forecasting.
- 12) Define integrated defence.
- 13) Write any two objectives of estimate budget.

Q2) Answer in 300 words each (any two):

[30]

- 1) Explain structure and functions of ministry of defence.
- 2) Discuss relationship between defence vs development.
- 3) What is public good?

P.T.O.

Q3) Answer in 300 words each (any two):

[30]

- 1) Explain role of financial advisor in India's defence management.
- 2) Discuss allocation and execution of defence budget in India.
- 3) Write a note on India's defence expenditure since 1971.

Q4) Write short notes on (any two):

[20]

- 1) Elements of war potential.
- 2) Impact of war on economic system.
- 3) Limitations of defence management.



Total No. of Questions : 4]

P801

[5158]Ext. -327

T.Y. B.Com.

**306-J: DEFENCE BUDGETING, FINANCE AND
MANAGEMENT
(Special Paper -III)**

वेळ : 3 तास]

[एकूण गुण : 100

- सूचना: 1) सर्व प्रश्न सोडविणे आवश्यक आहे.
2) उजवीकडील अंक गुण दर्शवितात.

प्रश्न 1) 20 शब्दात उत्तरे द्या. (कोणतेही दहा)

[20]

- 1) सामरिक व्यवस्थापन नियंत्रण व्याख्या द्या.
- 2) संरक्षणावरील संसदीय नियंत्रण म्हणजे काय ?
- 3) औद्योगिक शक्ती व्याख्या द्या.
- 4) धोक्याविषयी संकल्पना व्याख्या द्या.
- 5) 'झिरोबजेट' व्याख्या द्या.
- 6) युद्धोत्तर कोणत्याही दोन समस्या लिहा.
- 7) मिश्र अर्थव्यवस्था व्याख्या द्या.
- 8) 'संरक्षण विरूद्ध विकास' अर्थ लिहा.
- 9) प्रसपेक्टीव्ह प्लॅनिंग व्याख्या द्या.
- 10) युद्धक्षमता व्याख्या द्या.
- 11) टेक्नॉलॉजीकल फोरकाॅस्टिंग चा अर्थ लिहा.
- 12) इन्टीग्रेटेड डिफेन्स व्याख्या द्या .
- 13) अंदाजपत्रकाचे कोणतीही दोन उद्दिष्टे लिहा.

प्रश्न 2) 300 शब्दात उत्तरे द्या. (कोणतेही दोन) [30]

- 1) संरक्षण मंत्रालयाची रचना व कार्ये स्पष्ट करा.
- 2) संरक्षण विरूद्ध विकास यातील संबधाबाबत चर्चा करा.
- 3) पब्लिक गुड म्हणजे काय?

प्रश्न 3) 300 शब्दात उत्तरे द्या (कोणतेही दोन) [30]

- 1) भारताच्या संरक्षण व्यवस्थापनातील आर्थिक सल्लागाराची भूमिका स्पष्ट करा.
- 2) भारताच्या संरक्षण अंदाजपत्रकाची वाटणी व त्याची अमंलबजावणी याविषयी चर्चा करा.
- 3) 1971 पासूनचा भारताचा संरक्षणावरील खर्च यावर टिपण लिहा.

प्रश्न 4) थोडक्यात टिपा लिहा. (कोणत्याही दोन) [20]

- 1) युद्धक्षमतेचे घटक
- 2) युद्धाचे अर्थव्यवस्थेवर होणारे परिणाम
- 3) संरक्षण व्यवस्थापनाच्या मर्यादा



Total No. of Questions : 9]

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T.Y.B.Com.

INSURANCE, TRANSPORT AND CLEARANCE

(2013 Pattern) (Paper - III)

Time : 3 Hours]

[Maximum Marks : 100

Instructions to the candidates:

- 1) *Questions No. 1 is compulsory.*
- 2) *Solve any five questions from Q. No. 2 to Q. No. 9*
- 3) *Figures to the right indicates full marks.*

Q1) Enumerate the functions and working of TAAI (Travel Agent Association of India) **[20]**

Q2) Enumerate the difference between Tourism in India and Tourism in other countries. **[16]**

Q3) What are the facilities available to International Tourist in Thailand and Malaysia. Explain. **[16]**

Q4) Describe the current scenario of water - Transport in India. **[16]**

Q5) Enumerate the qualities required for Tourism-Business. **[16]**

Q6) Define Global - Trade? Describe the role of Air-Transport in Global - Trade. **[16]**

Q7) What do you know about Foreign - Tour? Which documents are required for foreign- Tour, Explain. **[16]**

P.T.O.

Q8) What mean by logistic-Management? State and explain the Elements of logistic management in Business and Industry? **[16]**

Q9) Enumerate in detail the significance of Transport in India Economy. **[16]**



Total No. of Questions : 9]

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INSURANCE, TRANSPORT AND CLEARANCE

(2013 Pattern) (Paper - III)

(मराठी रूपांतर)

वेळ : 3 तास]

[एकूण गुण : 100

- सूचना: 1) प्रश्न क्रमांक एक सोडविणे आवश्यक आहे.
2) प्रश्न क्र. 2 ते प्रश्न क्र. 9 यापैकी कोणतेही पाच प्रश्न सोडवा.
3) उजवीकडील अंक पूर्ण गुण दर्शवितात.

प्रश्न 1) भारतीय प्रवास प्रतिनिधी मंडळाची (TAAI) कार्ये आणि कामगिरी विशद करा. [20]

प्रश्न 2) भारतातील पर्यटन आणि इतर देशातील पर्यटन या दोघामधील फरक स्पष्ट करा. [16]

प्रश्न 3) थायलंड आणि मलेशिया मध्ये आंतरराष्ट्रीय पर्यटकासाठी कोणत्या सुविधा उपलब्ध आहेत. ते स्पष्ट करा. [16]

प्रश्न 4) भारतातील जलवाहतूकीची सद्यःस्थिती विशद करा. [16]

प्रश्न 5) पर्यटन-व्यवसायासाठी आवश्यक असणारी गुण-कौशल्ये विशद करा. [16]

प्रश्न 6) जागतिक-व्यापाराची व्याख्या सांगा? जागतिक-व्यापारात हवाई वाहतूकीची असलेली भूमिका विशद करा. [16]

प्रश्न 7) विदेश-यात्रा याबद्दल आपण काय जाणता? विदेश-यात्रेसाठी आवश्यक असणारी (लागणारी) कागदपत्रे कोणती, ते स्पष्ट करा. [16]

प्रश्न 8) लॉजीस्टिक व्यवस्थापन म्हणजे काय? व्यवसाय आणि उद्योगामध्ये असलेल्या लॉजीस्टिक व्यवस्थापनाचे घटक सांगून, स्पष्ट करा. [16]

प्रश्न 9) भारतीय अर्थव्यवस्थेत वाहतूकीचे असलेले महत्व सविस्तर विशद करा. [16]



Total No. of Questions : 5]

SEAT No. :

P803

[Total No. of Pages : 2

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T.Y. B.Com.
COMPUTER APPLICATION
Software Engineering
(2013 Pattern) (Paper - III)

Time : 3Hours]

[Max. Marks : 100

Instructions to the candidates:

- 1) All questions are compulsory.*
- 2) Figures to the right indicate full marks.*
- 3) Neat diagrams must be drawn wherever necessary.*

Q1) Attempt any ten of the following:

[10 × 2 = 20]

- a) What is Black Box testing?
- b) What are the merits of Incremental model?
- c) Define system and its elements.
- d) Define closed system with example.
- e) State advantages of waterfall model.
- f) What is system analysis?
- g) Justify software does not wear out.
- h) Define coupling.
- i) What is data dictionary?
- j) What is module?
- k) What is software testing?
- l) Define decision tree.

Q2) Attempt any four of the following:

[4 × 5 = 20]

- a) Explain various types of cohesion.
- b) Explain spiral model.
- c) Explain output design with example.

P.T.O.

- d) Explain in detail white box testing.
- e) Explain software requirement specification.

Q3) Attempt any four of the following: **[4 × 5 = 20]**

- a) Write note on DFD.
- b) Explain structured chart.
- c) Explain waterfall model in detail.
- d) What are the different types of interviews.
- e) What are the skills expected in a system analyst.

Q4) Write a note on any four of the following. **[4 × 5 = 20]**

- a) Questionnaires.
- b) Integration testing.
- c) Feasibility study.
- d) Software process.
- e) ERD.

Q5) a) Solve the following case study. **[10]**

Draw a prototype of Input screen for entering patients information in hospital, including patients information, doctor information and treatment information.

b) Solve the following case study. **[10]**

In Co-operative bank, if the customer has account with bank and has no dues then sanction loan. If customer has account with the bank but has previous dues then check for management approval. If customer has management approval then sanction loan otherwise reject loan.

- i) Draw decision tree for Co-operative bank.
- ii) Draw decision table.

