Q. P. Code: 759900

(Marks: 100)

	14.1	1.	Strictly avoid resorting to any unfair means during the examination & abide by
	5	2	all the rules and relating thereto.
		L.	all the rules and relating thereto.  Figures in bracket to the right indicate full marks allotted to the question.  Working notes should form part of your answers.  All six questions are compulsory, although, there are internal options in
			question.
		· 3.	Working notes should form part of your answers.
		4.	All six questions are compulsory, although, there are internal options in
			case of Questions 2 to 6.
		5.	Use of simple calculator is allowed.
	Q.1A	Kill i	n the blonks with the annuantate it.
		conto	n the blanks with the appropriate given options and rewrite complete (10)
	3	schte	inces. (Ally 10)
		1.	Manager Co. 1 10 1 1 1
			Accounting Standard 2 deals with
		ſ.	Disclosure of Accounting Policies/Revenue Recognition/Inventory Valuation
		2.	The initial amount people at the time of the
t	-	<b>.</b>	The initial amount payable at the time of signing the agreement in Hire Purchase transaction is
100			transaction is(Hire Purchase Price(Down Payment/Cash Price)
	5	3. '	The Manufacturing Account is prepared to find out
			Gross Profit/Cost of Production/Net Profit)
			2016-1
	2	<b>1</b> . ]	In Departmental Accounts, Office Rent is allocated on the basis
			of each department. (Sales Turnover/Area Occupied/Purchases)
8			of outsit department. (Sales Turnover/Area Occupied/Purchases)
6	5	5, ]	Method of Stock Valuation, items received first are
		1	ssued first, so that the latest purchased items are left in stock. (Weighted Average /
		1	FIFO /Simple Average)
			.61
	6	5. Y	Wages paid for installation of new machinery is a
		(	Capital Expenditure/ Capital Receipt/ Revenue Expenditure)
			-02
	7	'. <i>!</i>	As per the rules, Stock is to be valued at Cost or Net Realizable Value whichever is
		122	(Higher/Lower/Available)
			, R
	8	. F	or a Book Manufacturing Company, Book is a
		(F	Raw Material/Work-in-Progress/Finished Goods)
			ON
	9	. Т	he person who sells goods on Hire Purchase Basis, is called a
			. (Hire Purchaser/Hire Vendor/Consignor)
		0.075	( The following the following the first of t
	10	0.	shows the financial position of the company at the end of the
		-O	ear. (Trading Account/Profit & Loss Account/Balance Sheet)
		NYV.	Barrier Doos Freedomic Darance Sheet)
	1,3	У, Г	case of a manufacturer, Sale of Scrap appears on the credit side of
	1,	•	Account. (Trading /Profit & Loss / Manufacturing)
	12 (N)	S <del>)</del>	(Trading / I tolit of Loss / Manufacturing)
	SÕ″ 12	2. U	Inder Credit Purchase Method of Hire Purchase System, Depreciation on Asset
_ 7:	~	₽ DI	
•	9	-	rice/Hire Purchase Price/Down Payment)
		-	a manage I mon Down I aymem)

# Q.1B State whether the following statements are TRUE or FALSE after rewriting same. (Attempt any 10)

- Inventories which are held for sale in the ordinary course of business are current assets.
- AS-9 does not cover revenue arising from government grants and subsidies.
- 3. It is not necessary to disclose the change in accounting policy.
- 4. Revenue expenses are non-recurring expenses.
- 5. The Manufacturing Account always shows a debit balance.
- Departmental Accounts are necessary for evaluating departmental efficiency.
- 7. Disclosures under AS-1 need not form a part of final accounts.
- 8. Income received in advance is shown on the asset side of the balance sheet.
- 9. Hire Purchase Price is the total of cash price and interest
- 10. Full Cash Price Method is also known as Credit Purchase Method:
- 11. Amount paid as carriage inward is included in cost of inventory.
- 12. Under Hire Purchase System the seller is the owner of goods until the payment of last installment.

# Q.2 From the following Trial Balance of Mr. Aditya, prepare Manufacturing Account, Trading Account, Profit and Loss Account for the year ended 31st March, 2016 and Balance Sheet as on that date.

Trial Balance of Mr. Aditya as on 31st March 2016 :-Particulars Dr. (Rs.) Cr.(Rs.) 12,000 Opening Stock-Raw Materials Opening stock - Work in Progress M 7,000 Opening Stock - Finished Goods 20.000 1,05,000 Purchase of Raw Materials M 4,000 Carriage Inward on Raw Materials 56,000 Direct Wages 8,000 Factory Rent Factory Power and Fuel 11,000 80,000 Machinery 3,25,000 Sales 50,000 Office Expenses 11,000 Cash at Bank 21,000 Creditors 1,000 Bad Debts ~ 2,000 Provisions for Bad Debts 53,000 Sundry Debtors 82,000 Capital 12,000 Drawings 4,30,000 4,30,000 Total

Following further information is provided to you:

1. Closing stock as on 31st March, 2016 is:

Raw Material Rs 15,000, Work-in-progress Rs 8,000, Finished goods Rs 25,000.

- 2. Depreciate Machinery @10% p.a.
- 3. During the year, finished goods worth Rs. 5,000 were distributed as free samples but were not recorded.
- Provide Reserve for Doubtful Debts @ 5% on debtors.

From the following Trial Balance of Mr. Gangadhar, prepare Manufacturing (15) Q.2Account, Trading Account, Profit and Loss Account for the year ended 31st March, 2016 and Balance Sheet as on that date :-

Trial Balance of Mr. Gangadhar as on 31st Mai

Trial Balance of Mr. Gangadhar as on 3  Particulars	Dr. (Rs.)	Cr.(Rs.)
Capital Account		1,00,000
Opening Stock - Raw Materials	24,000	.0\
Opening stock - Work in Progress	4,000	2
Opening Stock - Finished Goods	31,000	,
Purchase of Raw Materials	2,50,600	
Direct Wages	36,000	
Factory Rent	8,000	
Machinery	1,00,000	
Sales	٧	4,35,000
Cash at Bank	6,000	
Travelling & conveyance	20,000	
Salaries	24,000	
Discount Allowed	7,000	
Sundry Creditors		90,000
Sundry Debtors	40,000	
	75,000	
Vehicles Total	6,25,000	6,25,000

## Following further information is provided to you:

- 1. Closing Stock as on 31st March, 2016: Raw Material Rs.25,000, Work-in-Progress Rs.8,000, Finished Goods Rs.35,000.
- 2. Depreciate Machinery @10%p.a. and Vehicles @10% p.a.
- Previde Reserve for Doubtful Debts @ 5% on Debtors.
- During the year, Raw Materials worth Rs. 5,000 purchased on credit basis were not recorded in the books.

From the following information relating to M/s Akbarallys Departmental Store prepare Departmental Trading and Profit and Loss Account and General Profit and Loss Account, for the year ended 31st March, 2016

Particulars	Dept. X Rs.	Dept. Y Rs.	Dept. Z Rs.
Opening Stock	34,000	45,000	63,000
Purchases	4,75,000	2,95,000	2,75,000
Sales	7,50,000	5,70,000	5,25,000
Salaries	75,800	87,900	65,300
Closing stock	40,500	31,500	50,400

Common Income & Expenses:

Rent Rs. 15,000, Electricity Rs. 25,000, Printing and Stationery Rs. 5,800, Discount Allowed Rs.15,000, Discount Received Rs.18,000, General Expenses Rs.10,000 Additional Information:

Area occupied by the three departments are 900, 600 and 300 Sq. Ft respectively. Allocate Electricity and Printing & Stationery in the Ratio of Gross Sales of the respective departments.

Allocate the other expenses on appropriate basis, to the extent possible.

From the following information relating to M/s Apna Bazaar Departmental (15) Q.3Stores, prepare Departmental Trading and Profit and Loss Account and General Profit and Loss Account for the year ending 314 December 2015

Particulars	Dept. A Rs.	Dept B Rs.	
Opening Stock 70	12,000	15,000	
Purchases TO	1,05,000	1,20,000	
Sales Te	1,35,000	1,80,000	
Wages 10	6,000	8, 850	
Following are the other Common Expenses/Incomes:			Total (Rs.)
Salaries 🔻 🔾 🚫			18,300
Rent & Rates			9,000
Carriage Inward			2,250
Carriage Outward FC			4,200
Discount allowed PQ			2,100
Discount Received FL)			1,500
Advertisement Expenses PD			6,300
Audit Fees CID			
Legal Expenses (SO	<del>                                     </del>		600
Additional Information:			1,200

-(1) Salaries are to be allocated equally.

(2) The area occupied is in the ratio of 1:2 between the two departments respectively. -(3) Closing Stock: Department A Rs. 30,000, Department B Rs. 37,500.

(4) The remaining common expenses /income to be allocated on appropriate basis to

The following particulars have been extracted in respect of Raw materials of Ultra Chemicals. Find the value of closing stock as on 30<sup>th</sup> June, 2016 on the basis of (I) First In First Out Method and (II) Weighted Average Method.

Receipts:-		
01-1-2016	Opening Stock	100 units at Rs. 35 per unit
03-2-2016	Purchased	400 units at Rs. 40 per unit
13-4-2016	Purchased	900 units at Rs. 45 per unit
23-6-2016	Purchased	600 units at Rs. 50 per unit
Issues :-		
05-3-2016	Issued	400 units
15-5-2016	Issued	600 units
30-6-2016	Issued	600 units 600 units
(4)		1, 3

OR)

Q.4 Find out the value of Closing Stock of M/s Mayur Ltd. using (A) FIFO Method (15)
(B) Weighted Average Method from the following details of Material 'X' as on 31st
January, 2016.

Date	Particulars	Unit	@ Rs.
2016			
Jan., 05	Opening Stock	700	25
Jan., 06	Issues SV	400	-
Jan., 09	Purchases	900	35
Jan., 11	Issues	600	-
Jan., 16	Purchases	200	40
	Purchases	900	45
Jan., 21 Jan., 31	Assues	500	-

Q.5 Mr. Lal Prasad purchased a Car on Hire-Purchase Basis from Maruti Ltd on (15)

1st January, 2013. He paid Rs. 1,50,000 on signing the contract and agreed to pay 3

installments of Cash Price excluding interest as follows:-

On 31.12 2013 Rs. 1,50,000 Rs. 1,65,000

On 31.12 2015 Rs. 1,85,000

The Cash Price of the car was Rs. 6,50,000. Interest is charged at 10% p.a. by Maruti Ltd. on outstanding amount. Depreciation @ 20% p.a. on W.D.V. is charged on the Car. Prepare Car Account and Maruti Ltd. Account in the books of Mr. Lal Prasad for the years 2013, 2014 and 2015.

OR

- State whether the following expenditure or receipts are capital or revenue. Give Q.5reasons for your answers.
  - 1. Purchased a plot of land for Rs. 25,00,000 and paid Rs. 1,00,000 fees for registration and allotment.
  - 2. Received Rs. 3,00,000 on Issue of 15% Debentures.
  - 3. Interest of Rs. 8,000 paid on Bank Overdraft.
  - 4. Paid Rs. 6,000 as Excise duty on goods manufactured.
  - 5. A petrol engine of a passenger bus was replaced by a diesel engine, Rs.
  - 6. Paid Rs. 1,00,000 as fees for renewal of license for factory.
  - 7. Received Rs. 2,000 as dividend on shares.

### Answer the following: Q.6

a) What are the provisions of Revenue Recognition as per AS-9?

b) Explain the Provisions of Disclosure of Accounting Policies as per AS-1? OR

Write short notes on Any Four of the following: Q.6

- 1. Manufacturing Account.
- 2. FIFO Method of Inventory Valuation.
- 3. Main Features of AS-2.
  - 4. Stock Reserve.
  - 5. Fundamental Accounting Assumptions.

Importance of Departmental Accounts.

(20)

Commerce

Commerce

Q.P. Code: 760001

3 h 3 h		<u> </u>	(3 Hours)	a. zaledaNN le	[ Total Marks :	10
N.B.	: (1)	All questions	are compulsory.	412 74 1 1 2 1 14 1 17 17 17 17 17 17 17 17 17 17 17 17 1	1990 - 1979 1980 - 1980 - 1980 - 1980 - 1980 - 1980 - 1980 - 1980 - 1980 - 1980 - 1980 - 1980 - 1980 - 1980 - 1980 - 1980 -	•
12	(2)	Figures to the	are computatory.	James Comment	reformation in the	d
		rigures to me	right indicate full	marks.	Part Cold	B)
		**P	า - เพาะสมมา อาการ ส กับ	or and the first of	er service a 🗸	1
1, (a)	Fill	in the blanks wit	h the appropriate opt	on given in the bra	cket (Any Ton)	16
÷	1.	conc	ept of business is con	cerned with custor	mer coticfories	11
	***	(a) Modern	(b) Tradition	al (c) Pro	duct Saustachon.	
	2.		rs to reduction of G	overnment contro	l over husiness	
		¥.			. 13	
35528		and the second second second second	on Chi Pringitical	ion of the contract of the con	$\Omega_{\rm L}$	
	3.		on (b) Privatiza			
	٥,		e most important eco			
. 2 5 3	623	(a) Service	(b) Profit			
*	4.		ronment includes po			
8.858 809		(a) sociographi	c (b) demograj	ohic 🙄 (c) eco	nomic 🕜 🕠	
	. <b>5</b> .	Environmental	factors are	alea के ने जा अंग है। से क्षा	in)gaoga	
	12.2.64	(a) stable	(b) dynamic	(c) isol	ated ware	
	6.	Decision on loc	cation is an importa	it element of	· · · · · · · · · · · · · · · · · · ·	
•• •	· ·	(a) setting up a	business unit	(h) mar	ket research	
	Y.	(e) manufacturi	ng process		ing in the second and a second as	) aži
	7.	Analysis of co	mpetitors strategie	s is an element	of	Š.
Total accessors		environment and	llysis.			2,
1.33	4	(a) internal	(6b) external	ur ermanay, so tulaqi Softi inter	antional	
*	8.		o rafarono carida da		nationar	ñ.
		(a) fanaihility ta	a reference guide du	ting the execution	of the project.	
	0 *	(a) leasionity le	port (b) legal repo	r (c) proj	ect report	
245	9.	mpi	ements the plans and	lideas of an entre	epreneur.	
	J.	a) manager	(b) internal e	ntrepreneur	(c) promoter	
	10.	O agree	ment is concerned w	ith liberalisation o	f International	4.
ž.	j	nvestment.		e i was de og plante er	1945 KUT :	
2 6	(	a) TRIMs	(b) TRIPs	(c) Agreement	of Agriculture	
x.	11.		entrepreneur within	an existing organ	isation.	ı
1.	1.7	à) intrapreneur	(b) manager			
<u>88</u> 3	12.	schen	ne is specially mean	t for women entre	epreneurs	
3	o į	a) DBK	(b) MDA	(c) TRE	PART OF THE PART O	
a Roat	,	•		(*)		
500	• **					

TURN OVER

2 10 Charles 1 2 10 Charles 10 Ch	) 3
Callering statements are True or False (Ally 101).	•
(b) State whether the following statement and commerce.	
(b) State whether the following statements and commerce.  1. Business broadly involves industry and commerce.	
(b) State whether the following states:  1. Business broadly involves industry and commerce.  2. Business is a social activity.  3. Creating wealth is an economic objective of business.  4. Turneround strategy is applied to loss making unit.	
3. Creating wealth is an economic objective of the loss making unit.	
	38
4. Turnaround strategy is applied to loss making.  5. Environmental factors do not affect business activities.  5. Environment does not influence demand for goods and	
C 6 Caltural environment do	
· · · · · · · · · · · · · · · · · · ·	
C 7 India is a member of ASEAN:	
8. Project report is a base for feasibility study.  8. Project report is a base for feasibility study.  8. Project report is a base for feasibility study.	
8. Project report is a base for feasibility study.  9. TAN is mandatory for Opening Bank account, fulling of income tax,	
The state of the s	
£ 10. Entreprentiship is a social activity.	
11. Mahila Vikas Nidhi provides women with development.  11. Mahila Vikas Nidhi provides women with development.  11. Mahila Vikas Nidhi provides women with development.	
11. Mahila Vikas Nidhi provides women with development.  11. Mahila Vikas Nidhi provides women with development.  12. National Small Industries Corporation (NSIC) has been working to the small scale industries and industry related small.	
12. National Small Industries Corporation (NSIC) has been small promote the growth of small scale industries and industry related small promote the growth of small scale industries and industry related small	12
	8
	7
2. (a) What do you mean by business explains.  (b) Explain briefly economic objectives of business.  OR	15
(b) Explain briefly economic of OR	8
(b) Explain briefly economic OR  OR  2. (a) Discuss the impact of globalization on business and the economy.  (b) What is Turnaround? Explain the steps in turnaround strategy.	7
<ul> <li>(a) Discuss the impact of globalization on business and the economy.</li> <li>(b) What is Turnaround? Explain the steps in turnaround strategy.</li> </ul>	-
	8
Samuel environment.	0
3. (a) Explain the components of external environment.	TE
	(3
3. (a) Explain the components of external environment.  (b) State the importance of analyzing business environment.  OR  3. (a) What is WTO? Explain its implications on developing nations.  3. (a) What is WTO? Explain its implications and various types of environment.	8
3. (a) What is WTO? Explain its implications on developing nations.  (b) Describe the relationship between business and various types of environment.	7
The Describe the telautiment	ા,
10 04 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	8 7
4 (a) Explain the steps involved in business planning P	
We have the transfer of the tr	17
(b) What is project report? Explain its important with the second	•
TURN OVER	
do.	

		Sec. 2007			
		, .	<i>6</i> -1	OR 42	***
	4.	(a)	Discuss the	e concept and importance of project planning	کہ
		(b)	What are th	he factors influencing location of business unit?	0/3
ż		, . <del>.</del> .		distribution of business unit?	1/20.2
	55	(9)	Dicouge th		1, 1
	٠.	3	Discuss un	ie importance of entrepreneurship in economic and socia	1 8
<b>~</b> 2:			developmen	nt.	
1		(6)	Discuss the	competencies or qualities of an effective entrepreneur.	(3)
		V		OR , O	<del>7</del> کا
	5.	(a)	Distinguish	between manager and entrepreneur.	17.
-2.	A.	(b)	What are the	e problems food by	8
<b>2</b> 0	,		in a sub-	ne problems faced by women entrepreneur in India?	7
	6	100	<b>1</b> 7∵ 1 • .1		15
	0.7	(d)	Explain the	importance of business. 10	8
		(b)	Explain entr	repreneurship training and development centers in India. 10	
				OR	多
	6.	W	rite short not	tes on (Any Four):	
5.0		1	(a) Modern	n concept of business	20
-	4	ν.	(b) Feasibil	lity report	
		\.	(S) Edmont	nty report	
		200	(d) NATE	onal environment	
			(d) NAFTA		
		~	(e) Social c	objectives of business	
			(f) Restruct	turing strategies	
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(3 Hours)

-ode :760101 [ Total Marks : 100

10

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N. B.: (1) All questions are compulsory.

- (2) All questions have internal choice.
- (3) Draw neat diagrams wherever necessary.
- (4) Use of simple calculators is permitted.
- (5) Figures to the right indicate full marks.
- (A) Define the following concepts. Any Ten:-

  - (ii) Average revenue
  - Equilibrium price (iii)
  - Cross elasticity of demand (iv)
  - (v) Income elasticity of demand
  - (vi) Demand forecasting
  - (vii) Isoquant
  - (viii) Constant returns to scale
  - (ix) Diseconomies of scale
  - Total cost
  - (xi)Implicit cost
  - $(x_{ii})$ Break-even point
- (B) Select the best answer from the given options and rewrite the
  - (i) Which of the following shows the relationship between the price of a good and the amount of the good that consumers (a) Supply curve
    - (b) Demand curve
    - (c) Supply schedule
    - (d) Production possibilities frontier
  - The market clearing price is also called the
    - (b) prevailing price
    - (c) equilibrium price
    - none of the above

- What is the cause of the rightward shift of the demand curve for cars?
  - (a) An increase in income
  - (b) An increase in population size
  - (c) Lower prices of petrol
  - (d) All of the above
  - (iv) A percentage change in quantity demanded divided by a percentage change in price is called
    - (a) income elasticity of demand
    - (b) price elasticity of demand
    - (c) price elasticity of supply
    - (d) elasticity of substitution
    - On the lower segment of a downward sloping straight line demand curve price elasticity of demand is
      - (a) > 1
      - (b) < 1
      - (c) = 1
      - (d) none of the above
    - (vi) Expert opinion is a
      - (a) survey method
      - (b) statistical method
      - (c) both a and bo
      - (d) none of the above
    - If there is zero substitutability between capital and labour the (vii) isoquantis
      - (a) a straight line
      - (b) shaped
      - (c) concave to the origin
      - (d) none of the above
    - The total amount of output produced is called
      - (a) total supply
      - (b) total product
      - (c) both a and b
      - (d) none of the above

	3	QP Code :760101
(ix)	Using five units of labour a same	
	Using five units of labour a firm can a good. Using six units of labour the funits of the good. The marginal products	produce 2500 units of
	units of the good. The marginal produ	ct of the sixth with
		or the sixin unit of
	(a) 100 units	$\mathcal{A}_{i}$
	(b) 1500 units	Service Control of the Control of th
	(c) 2000 units	
	(d) 500 units	ab 380°
(x)	The rent of a factory is an example of	
	(a) variable cost	
	(b) fixed cost	
	(c) both a and b	\$4.
	(d) neither a near	

- (a) 100 units
- (b) 1500 units
- (c) 2000 units
- (d) 500 units
- (x) The rent of a factory is an example of
  - (a) variable cost
  - (b) fixed cost
- (c) both a and b
  (d) neither a nor b

  Which of the following curves is used for planning
  - (a) SAC
  - (b) SMC
  - (c) LAC
  - (d) LMC
- (xii) The break-even point is influenced by
  - (a) price
  - (b) average variable cost
  - (c) fixed cost
  - (d) all of the above
- Attempt A and B OR C and D
  - (A) What is business economics? Discuss its scope.
  - (B) Given the following data

Q	$Q_{N_{i}}$	2	3	1	T
0	132		<u> </u>	1_1_	3
10	10	_9	8	7	6

- (i) Calculate TR, AR and MR.
- Explain the relationship between TR and MR, MR and AR.

OR

[ TURN OVER

8

4. Attempt A and B OR C and D	1/00101
(A) (i) Distinguish between fixed proportions and variable proportions.	
production functions.	rtions a
(ii) Explain why:	tuons &
T-1124 ,	
(a) isoquants are convex to the origin	, e 5
(b) isoquants cannot interest.	2 2 /h
(B) Using isoquants and the expansion path explain the law of ret	1) ma
	ums 7
(C) Discuss external control OR	
(C) Discuss external economies and diseconomies of scale.  (D) Using a diagram explain the law of scale.	•
(D) Using a diagram explain the law of variable proportions.	8
5. Attempt A and B OR C and D	7
(A) Draw diagrams to illustrate:	
(i) TFC, TVC and TC	
(ii) AFC	8
(iii) AVC, AC, MC	
(iv) The relationship between A.C.	
(iv) The relationship between AC and MC. (B) Given the following data:	
	~
Q 0 1 2 3 4 5 6 7	7
TC 40 52 50 60 7	
70 78 89 103	
Calculate TFC, TVC, MC, AFC, AVC and AC.	
also Construct the LACIAN	
	8
	7
" Hat Hall Dens to the breat-	<i>*</i>
to ₹ 9, AVC and TFC remaining the same?  (iii) What happens to the hand.	S
(iii) What happens to the brook and	
to = 6, price and TFC remaining the same?	;
the same?	
6. Attempt A and B OR Write short notes on any four  (A) Discuss internal economics.	
(B) Explain break-even analysis with the help of diagrams.	10
and help of diagrams.	10
OR OR	

QP Code :760101

Write short notes on any four of the following:

- (i) Functions and variables
- (ii) Relationship between price elasticity and total revenue
- (iii) Consumer survey method of demand forecasting
- (iv) Economies of scope
- (v) Learning curve
- (vi) Limitations of break-even analysis

Q.P. Code: 760200

\$1	(3 Hours)	[ Total Marks :10
N.B.: (1) All questions are comp	ulsory	
1. (a) Explain the following term	ns in 2-3 sentence	es (any five)
bar (4) Body language		
(2) Grapevine		
(3) Marginal listening		
(4) E-mail Etiquette		
(5) Silence as a means	of communication	a
(6) Dress and grooming	3	
(7) Whats App		
(8) Encoding		×4
8	(2)	
(b) Match the following:		_
(1) E-Commerce	(a) Com	nunication tool
(2) Social Media		ediate feedback
(3) Physical barriers	(c) Techr	nical language
(4) Oral communication	(d) Tradi	
(5) Jargon	19 A	and distance
	*5	
(c) Fill in the blanks choosing the	ne best alternative	from the ones given below: 5
(1)is the res	ponse given by th	the receiver to the sender's
message.		so the school s
(a) Encoding	(b)	Decoding
(c) Feedback	(d)	Medium
	(-)	
(2) gives lega	al validity to a lett	er.
(a) Subject line		Signature
(c) Confidential r	otation (d)	Enclosure block
13.00		- TOTO BUT O FOCK
(3)is a form	of non-verbal cor	nmunication
(a) Letter	(b)	
(c) Report	(d)	Facial expressions
	X 7	41.P1.00010110

**TURN OVER** 

2			7
(4) Notices and circulars are example	of	- communication.	
(4) Notices and circulars are construction	(b) Downwa	rd 📄	
(a) Upward	(d) Horizont	al $\sim$ $^{5}$	
(c) Grapevine			
		, v	
(5) Moodle is a tool for	/L E learnit	ng 🚓 📉	
(a) Twitter	(b) E-realize	ok ∮	
(c) Whats App	(d) Facebook	JK (S	
(0)	(b) E-learnin (d) Faceboo	, C	20
(any four)		٧.	
2. Write short notes on : (any four)	written commi	inication.	
Advantages and disactions of Business	communication	n.	
2. Write short notes on: (any four)  Advantages and disadvantages of  (b) Need and importance of Business  (c) Diagonal communication  Rlogs as a means of communication	. 7 <sup>3</sup>		
(c) Diagonal communications	on		
(c) Diagonal communicate Blogs as a means of communicate Blogs are a means of communicate Blogs and Blogs are a means of communicate Blogs and Blogs are a means of communicate Blogs are a means of communicate Blogs and Blogs are a means of communicate Blogs and Blogs are a means of communicate Blogs are a means of communicate Blogs and Blogs are a means of communicate Blogs are a mean	nication proce	ess	
(e) Relevance of feedback in com (f) Role of Internet in business com	numeation.		
(1) 1037		k.	20
3. Answer the following: (any two)		How does one	*
	nd listening.	11011 00	
(a) Differentiate between skills cultivate effective listening skills	}	: : and avant in	
cultivate effective listening skills (b) What is corporate social respon	ibility? How	is it relevant in	
(b) What is corporate sold today?			
the business world today?	psychologic	al barriers to	
the business world today?  Explain in detail any five communication. What are the va	rious means to	overcome them.	
communication.			- 0
	- fallowing ac	lvertisement:-	10
4. Draft an application letter in response to t	le lonowing s	for a company	
Wanted experienced computer based in Mumbai. The applicant should be a programming.	programmers	e with adequate	
based in Mumbai. The applicant should knowledge in computer programming.	l be a graduat	io-Data to Box	
based in Mullion computer programming.	Apply, with E	110-2244,	
No. 56, The Times of India, Mumbai-40	1001".		
No. 56, The Times of Inc.			20
5. Draff the following letters: (any four)		* **	20
	ster's program	nme in business	
(a) You are applying for the M management at National Uni	ersity of Sing	gapore. Draft the	
statement of purpose.	940		
Statement of barbara		TURNO	VER

tradications are supported by the contraction Q.P. Code: 760200

- Draft a recommendation letter for your marketing assistant who has given your name as referee in his application for the post of marketing manager in another company.
- Rakesh Verma has been offered the post of Accounts manager in Western India Electronics Ltd. Draft a letter of acceptance on his behalf.
- (d) Rahul. P has changed his residence from Mumbai to Pune. He has secured a post of sales executive at Tata chemicals Ltd. Draft his letter of resignation from the post of sales executive at Hindustan Chemicals Ltd.
- (e) Mr Hitarth of your marketing department has worked hard and proved his skills in marketing by contributing for the increase in the profit of your company. Write the letter of appreciation
- Write a paragraph in about 150 words: (any one) (a)

5

- (i) Say no to plastic
- (ii) College life
- Read the following situation carefully and answer the questions given below: (b)

The General manager of a reputed firm, Mr Vikas, found that his instructions were not carried out properly by the employees. He thought that the employees were not Qualified enough to follow his instructions. So, he fried hiring highly Qualified employees. But, the problems occurred again. Soon, Vikas realized that the employees were unable to understand his distinctly American accent. Vikas, took care to speak slowly using short sentences and simple language, besides repeating a couple of times.

(1) Identify the barrier. What were the problems faced by the General manager due to the barrier?

(2) What are the steps taken by Vikas to overcome the barrier?

3 2

QP Code: 760301

(3 Hours)

Exit.

[ Total Marks: 100

N.B. :	(1) All the questions are compulsory and carry equal marks.	13
	(2) Draw sketches and diagrams wherever necessary.	
*	(3) Use of map stencil is permitted.	
	(4) World map (appendix -2) should be tied to	
	(4) World map (appendix -2) should be tied along with your answer paper.	
1. (A)	Study the thematic man 1:	
(-)	Study the thematic map supplied to you (appendix 1) and answer the following questions.	
	-8 quitodolis.	
	with the control of the control of the	2
	(h) State the lemale life expectancy in India and Chair	2
	my three countries having female life association of	3
	o jours.	
	(iv) Which region has less than 65 years female life expectancy? State the reasons.	_
	the reasons.	3
1 (D)		
1. (B)	Mark and name the following features at the most appropriate location in	
÷.	T TO THE WORLD COUNTY OF THE AN	
	Largest desert in the world and Major	1195060
	Pypulated Tobality and a character was 1	2
	having coastal location and a country having	2
		2
*	<ul> <li>(iv) Any two largest wind energy producing countries in the world.</li> <li>(v) Any two metropolition cities in postly and the world.</li> </ul>	
	(v) Any two metropolition cities in northern hemisphere.	2
		2
2. (a) V	What is Ecosystem? What are the functions of ecosystem?	
Pr (b) (	Five the definition and scope of environment.	
0.	OP	
(6) S	tate the importance of environmental studies in detail?	
(d) W	Vrite notes on:	
	(i) Food chain	
	(ii) Ecological pyramids	
	9 PJ1min(D)	

Define conservation and state the methods of conservation.

E.V.

Explain the problems associated with management of forest resource.

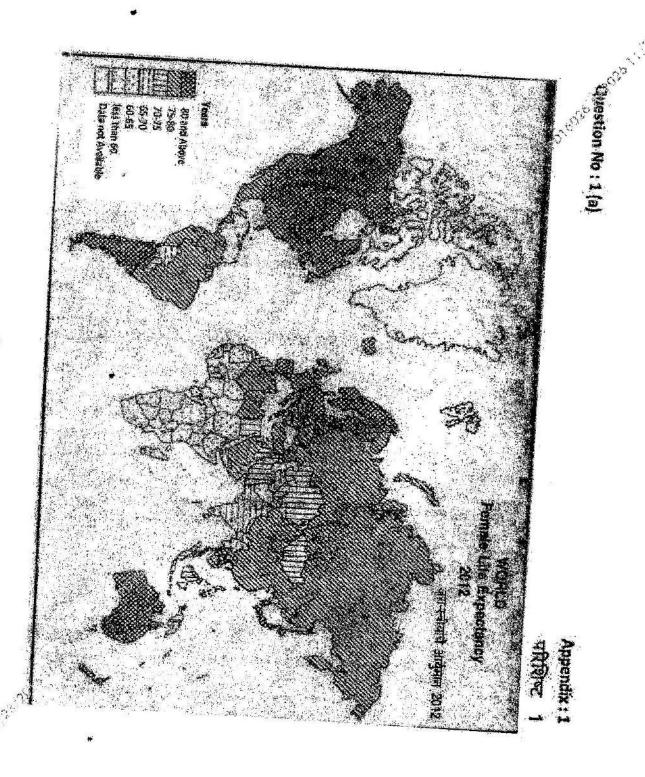
### OR

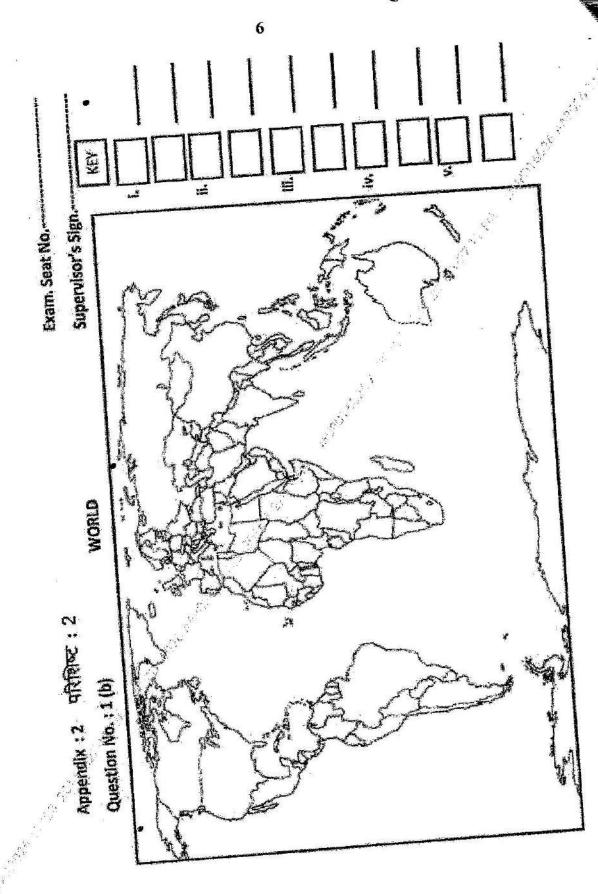
- Describe the types of resources with the help of suitable examples.
- (d) Give an account on resource utilization and sustainable development.
- Explain in detail pattern of population growth and associated problems in 4. (a) the World.
  - Describe the measures taken to control population growth in India.

- Discuss on Human Development Index.
- (d) Give in detail population explosion in India.
- Write in detail degradation of water resources in urban areas. 5. (a)
  - State the problems arising due to migration in urban areas.

- Write notes on: (c)
  - (i) Urbanisation
  - (ii) Urban Heat islands
- Give an account on 'Smart Cities'

QP Code: 760301





N.B. ; (1)	All questions (2½ Hours)	QP Code:760402
(2)	questions are compular.	[ Total Marks :75
(2)	Figures to the right indicates full marks.	
1. (A) Cho	Oose the correct to	
(1)	oose the correct alternative(any eight):-	اين د
` ′	Transpar and	ts of Jainiam 8
(2)	(Digambar, Pitambar, Mahayana)	- or outhism
==.*	In India the state of has the lowe (Rajasthan, Haryana, Punjab)	ts of Jainism
(3)	(Rajasthan, Haryana, Punjab) The major cause of 1	Bender ratio,
¥	The major cause of declining sex ratio is (Poverty, Pollution, Smoking)	F. M.
(4)	J' - CHULLOH, SMOKING)	
	Inthere is farsightedness but not (Hypermetropia, Myopia, Onomatonogia)	short-sightedness
(5)	(Hypermetropia, Myopia, Onomatopoeia) Anti-Hindi agitations took place in	o-Totaloss.
	(Northern, Southern, Western)	India.
(6)	The border dispute in the	
	Theborder dispute is a dispute invokarnataka and Maharashtra.	lying the Indian states of
	(Delgaum, Sangli Puna)	
(7)* .	Prime Minister is the	
	(Executive, Judicial, Legislative)	
(-) _	- 18 the commond	12
(0) =	Prime Minister, Home Minister, President)	forces in India.
	the main aim of every	
(10)	Secularism, Casteism, Communalism)	romote
(F	President, Chairperson, Sarpanch)	⁄at
(B) State whe	-41	
(1) II-	ether the following statements are True or F	Colonia 7
(2) Inc	ban society is heterogeneous in nature.	aise:(any seven):-
(4) Pol	lit personality is a type of psychosis mental io is caused by a virus called policy.	disordan
(5) Cas	io is caused by a virus called poliovirus.	41501GCF,
(6) Reg	ste system promotes social progress and mo gionalism can cause inter-state tension	dernization
(7) Eco	gionalism can cause inter-state tension and conomic justice stands for removal of power	Onfrontation
(8) Th-	Justice stands for removal of povert	ontarion,

Economic justice stands for removal of poverty.

Municipal council is also known as Nagar Parishad.

The Mayor is elected for a term of five years.

The Constitution of India is rigid

(8)

(9)

(10)

2.	What steps should be taken to prevent violence against women in India.  OR	
2.	Explain the services available to handicap persons in India.	5 1
3.	What are the measures to resolve linguistic conflicts in India.  OR	
3,	Explain the economic inequalities generated due to caste system in	
4.	Describe the nature of Indian State as "Sovereign", "Secular" and "Socialist". 1  OR	5 .5
4.	Explain the concept of fundamental duties and their classification	
5.	Explain the concept of Panchayati Raj in India.  OR	15 15
5. W	Vrite short notes on(any three):-  (a) Multi-cultural society (b) Cerebral Palsy (c) Regional and Communal Parties. (d) Parliamentary System (e) Corruption in Politics.	
	(मराठी रुपांतर) (२½ तास) (एकूण गुणः७५)	
सूचन	नाः (१) सर्व प्रश्न अनिवार्य आहेत. (२) उजवीकडील अंक पूर्ण गुण दर्शवितात. (३) आवश्यक वाटल्यास इंग्रजी प्रश्नपत्रिका पहावी	۷
१.	(अ) योग्य पर्याय निवडा.(कोणतेही आठ):-  (१) श्वेतांबर आणि हे जैन धर्माचे दोन पंथ आहे.  (दिगंबर, पितांबर, महायना)  (२) भारतातील या राज्याचे लिंग गुणोत्तर प्रमाण सर्वात कमी आहे.	
	(राजस्थान, हरायाणा, पंजाब) (३) घटत्या लिंग गुणोत्तराचे हे मुख्य कारण आहे. (दारीद्रय, प्रदुषण, धुप्रपान) पध्ये लांबचे व्यवस्थित दिसते परंतु जवळचे दिसत नाही.	
,ú	(हायपरमेट्रोपिया, मायोपिया, ओनोमॅटोपोइया) [ TURN OV	ER

Time: 3 Hrs.

- All questions are compulsory
- 2. Figures to the right indicate marks allotted
- 3. Graph papers will be provided on request
- 4. Use of simple non-programmable calculator is allowed

### SECTION-I

Q.1	Attempt any 4 from the following:	-05
a) ;	Find the face value of a share if an investment of Rs. 9,00,000 put in to purchase 8% shares quoted at Rs. 15 each, earned a total dividend of Rs. 9600.	(5)
b)	Mr. Chopra bought 400 shares of par value Rs. 10 each at the market price of Rs. 24 each. If the annual dividend distributed was at the rate of 12%, find Mr. Chopra's total dividend and rate of return on investment.	
'c)	Ram invested Rs 18,000 in a mutual fund scheme with entry load of 2.25% at NAV Rs 110. How many units did he purchase? The current NAV is Rs 130. Find the current value of his investment.	(5)
d)	Katrina invested Rs. 15,000 on 5th of every month for 5 months in a SIP of a mutual fund. The N.A.V.s on these dates were Rs. 42.26, Rs. 40.25, Rs. 49.57, Rs. 51.45 and Rs, 39.32 respectively. There was same entry load of 2.3% for all these months. Find the average acquisition cost per unit.	(5)
e) O.2	Mr. Bhavesh invested Rs. 50000/- in the purchase of Mutual fund units at NAV Rs. 16.50/ Calculate the number of units purchased when the entry load of 1.2% was applied. How many more units he could have purchased if the scheme was load free? Attempt any 4 from the following:	(5)
a)	In how many different ways can the letters of the word 'LEADING' be arranged such that the vowels should always come together?	<b>(5</b> )
b)	A committee of 5 persons is to be formed from 6 doctors and 5 nurses. Find the total number of ways if committee consist of i) All doctors. ii) 3 doctors and 2 nurses.	(5) (5)
c)	Solve the following L.P.P. by graphical method. Maximize $Z = 4x + 5y$ Subject to, $2x + 3y \le 12$ ;	(3)
4)	$x + y \le 5; x \ge 0, y \ge 0$	(5)
u) e p	Solve the following L.P.P. Graphically: Minimize $Z = 9x + 10y$ , subject to, $x + 2y \ge 30$ , $3x + y \ge 30$ , $x \ge 0$ , $y > 0$	(5)

**{TURN OVER** 

(5)

(5)

(5)

(5)

{TURN ...

A printing company prints two types of magazines A and B. The company earns Rs. 25 and Rs. 35 on each copy of magazines A and B respectively. The magazines are processed on three machines. Magazine A requires 2 hours on machine I, 4 hours on machine II and 2 hours on machine III. Magazine B requires 3 hours on machine I, e) 5 hours on machine II and 3 hours on machine III. Machines I, II, and III are available for 35, 50, and 70 hours per week respectively. Formulate the L.P.P. so as to maximize the total profit of the company.

## SECTION-II

(5) Explain the measure of central tendency. State the requisites of good average. Attempt any 4 from the following: a)

Draw a less than eumulative frequency curve for the following data and locate (5) median and two quartiles graphically. b)

aw a less than cumulative graphic	ally.	400 400-500 500-600
aw a less than eunanteed away a less than eunanteed graphic dian and two quartiles graphic	100-200 200-300 300	35 20
Daily Wages	30 45	60
No of workers 10	- Howing data .	T 80-100

c)

No. of workers 10	ing data .	80-100
Find mean and mode from the foll	0WING 40-60	60-80 80-100
Age in years 0-20	<del>20-40</del> 15	
No. of persons 4		
No. Ox P	a thereing data.	1.4

Find coefficient of variation from the following data. d)

5Willig data
0-30 30-40 40-50 50-60
12 3.20 14
congests of boys and girls in the cl
-

The following data gives the distribution of weights of boys and girls in the class. Find, combine arithmetic mean and decide which group is more consistent. e)

ombine arithmetic	Boys	Girls
	55	65
Number	58 kgs	44 kgs
Mean weight	3 kgs	2 kgs
S.D	J Ago	

# Q.4 Attempt any 4 from the following:

Define the following terms with examples: (i) Sample space (ii) Mutually exclusive events. a)

Given P(A)=0.5, P(B)=0.4 & P(A/B)=0.25(5) Find, (i)  $P(\overline{B})$  (ii)  $P(A \cap B)$  (iii)  $P(A \cup B)$ b) (5)

A box contains 4 blue, 3 red and 2 black balls. If two balls are selected at random from the box, what is the probability that one is blue and one is red ball? c)

em on Mathematics is given to 2 students A and B who attempt it independently. ir chances of solving the problem are 1/3 and 3/4 respectively. What is the probability that, (ii) it is solved by only one?

the problem is solved?

Following is the probability distribution of number of smart phones sold in a shop per day.

Number	0	1	2	3	4	)
Probability	+ v	0.3	0.15	0.15	0,1	2k

Find the value of k and E(X).

Attempt any 4 from the following:

Write a note on Decision Tree.

Given the following pay off table, find optimal decision using

(i) Laplace criterion (ii) Maximax criterion (iii) Maximin criterion

(5)

Course of Action	5	tates of Nat	ture
	SI	S2	S3
A1	65	45	30
A2	75	25	105
A3	90	70	75

A physician purchases a particular vaccine on Monday of each week. The vaccine must be used within the week following, otherwise it becomes worthless. The vaccine cost Rs. 20 per dose and the physician charges Rs. 50 per dose. In the past 50 weeks, the physician has administered the vaccine in the following quantities.

Doses per week	20	30	40
No. of weeks	5	25	<del>,</del> 20

(i) Construct pay-off table (ii) Determine the optimum number of doses the physician should buy using EMV criterion.

(5)

For the following pay-off table, select best decision using EOL criterion. \_ d)

(5)

State of nature	Acts			Probability
	At-	A <sub>2</sub>	A <sub>3</sub>	1
Sı	86	40	100	0.3
S <sub>2</sub>	60	0	-20	0.2
S <sub>3</sub>	110	50	70	0.5

Draw a decision tree for the decision problem below and suggest the optimal choice. e) (Use EMV criteria)

(5)

Product option	Market demand			
k	Poor	oor Average	Good	
P	100	350	100	
Ô	150	250	150	
Probability	0.3	0.55	0.15	