

Q.P. Code : 00351

[Time: Three Hours]

[Marks:100]

Please check whether you have got the right question paper.

N.B: 1. All questions are compulsory.

(10)

Q.1 (A) Fill in the blanks (Any ten)

- Business is a _____ activity.
(a) Organised (b) Social (c) profit-making
- Creation of wealth is one _____ objective of business.
(a) Social (b) Economic (c) Political
- Global business leads to _____
(a) Independent countries (b) Inter-dependence of countries (c) Free countries
- Turnaround is a _____ strategy.
(a) Medium term (b) Short term (c) Long term
- Society is one factor affecting _____ environment.
(a) macro (b) Micro (c) Economic
- _____ is a trading block consisting of south Asian countries.
(a) EU (b) SAARC (c) ASEAN
- Project report is used as _____ by an entrepreneur.
(a) Bank document (b) Communication proof (c) Project planning tool
- Feasibility studies _____ business potentially.
(a) Calculation (b) Estimate (c) Forecasts
- Companies intimate DIN to _____
(a) ROC (b) CCI (c) Government
- An entrepreneur _____ business idea.
(a) Reject (b) Debates (c) Conceives
- _____ designs service for SSI's.
(a) TCO (b) NSIC (c) NIESBUD.
- Women entrepreneur are _____ of the family.
(a) Dependents (b) Outside (c) Anchor

Q.1 (B) State True or False (Any Ten)

(10)

- Creation of employment opportunities is one function of business.
- Business firms have social responsibility only towards employees.
- Importance of public sector increased under liberalization.
- Tertiary industry provides intangible goods.
- Business objectives are the ends towards which the activities of an organization are aimed.
- Downsizing refers to retrenchment of surplus manpower of the business.
- Cultural environment does not influence demand for goods and services.
- GATS is an agreement of WTO.
- Feasibility study of a project refers to finding out the practical utility or the future prospects of a project.
- Provident fund registration is not compulsory if the size of workforce is 20 or more.
- Entrepreneurship is an economic activity.
- Indian institute of entrepreneur (IIE) has a special focus for entrepreneurship development in northern regions.

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- Q.2 (a) Discuss in brief the classification of business objectives. (08)
(b) Distinguish between economic and social objectives (07)

OR

- (a) Discuss the impact of liberalization on business and economy. (08)
(b) Explain the scope of business (07)

- Q.3 (a) Why is it important to analyze business environment? (08)
(b) Explain the components of internal environment. (07)

OR

- (a) Explain the various functions of WTO (08)
(b) What is educational environment? Explain its impact on business (07)

- Q.4 (a) What is business planning? Explain the steps in business planning process. (08)
(b) Distinguish between project report and feasibility report. (07)

OR

- Q.4 (a) Describe the procedure of licensing and registration of a business unit. (08)
(b) Explain the stages involved in business unit promotion. (07)

- Q.5 (a) How is an entrepreneur different from an intrapreneur? (08)
(b) Explain the importance of entrepreneurship. (07)

OR

- Q.5 (a) Discuss the various promotional incentives offered to women entrepreneurs. (08)
(b) Explain the factors contributing to the growth of entrepreneurship. (07)

- Q.6 (a) Explain how economic and social objectives can be reconciled (10)
(b) Define entrepreneurship. Explain the characteristics of entrepreneurship. (10)

OR

- Q.6 Write short notes on (any FOUR): (20)
(a) Major trading blocks.
(b) Importance of business.
(c) Pre-feasibility study.
(d) Types of entrepreneurs.
(e) Implications of WTO on Indian business.
(f) Entrepreneurship training centers in India.

H.C

Q.P. Code :19575

[Time: Three Hours]

[Marks:100]

Please check whether you have got the right question paper.

- N.B:
1. All questions are compulsory.
 2. All questions have internal choice.
 3. Draw neat diagrams wherever necessary.
 4. Use of simple calculator is permitted.
 5. Figures to the right indicate full marks.

- A) Select the best answer from the given options and rewrite the statement. (Any Ten) **10**
- i) Opportunity Cost is the -----.
- a) Price of a good or service
 - b) All out-of-pocket costs
 - c) Value of the best alternative sacrificed
 - d) Price that exceeds market price
- ii) If Kommoner's lowers the price of its pizzas, -----.
- a) Demand for Queen's pizzas increases
 - b) Demand for Kommoner's pizzas increases
 - c) Demand for Queen's pizzas decreases
 - d) Both b and c
- iii) The supply curve illustrates how-----.
- a) Quantity supplied increases as price decreases
 - b) Quantity supplied increases as price increases
 - c) Quantity supplied increases as technology improves
 - d) Quantity supplied increases as resource price decreases
- iv) Demand is relatively inelastic when -----.
- a) $E_d=1$
 - b) $E_d > 1$
 - c) $E_d < 1$
 - d) $E_d = 0$
- v) When a 1% change in price leads to more than 1% change in quantity demanded, we say demand is-----.
- a) Relatively elastic
 - b) Relatively inelastic
 - c) Unit elastic
 - d) None of the above

- vi) Delphi method is a -----.
- a) Survey method
 - b) Statistical method
 - c) Both a and b
 - d) None of the above
- vii) For Ford Motor Company, all of the following are sources of *economies of scale* except -----.
- a) Mass production techniques used in the manufacturing of autos
 - b) Bureaucracy and red tape encountered as the firm becomes larger
 - c) Learning by doing which allows workers to become more productive
 - d) Additional specialisation made possible by large scale production
- viii) The negative slope of the iso-quant is due to -----.
- a) Diminishing marginal rate of technical substitution
 - b) Zero marginal rate of technical substitution
 - c) Marginal rate of technical substitution is greater than one
 - d) None of the above
- ix) When a firm experiences economies of scale, -----.
- a) The long run average cost curve slopes downward
 - b) The long run average cost curve is vertical
 - c) The long run average cost curve slopes upward
 - d) The long run average cost curve is horizontal
- x) An economist would argue that accountants tend to -----.
- a) Understate costs and overstate profits
 - b) Understate costs and understate profits
 - c) Overstate costs and understate profits
 - d) Overstate costs and overstate profits
- xi) Sunk cost means -----.
- a) Cost that is recovered
 - b) Cost of foregone alternatives
 - c) Both a and b
 - d) Neither a nor b
- xii) Breakeven point is reached when a firm-----.
- a) Earns zero profit
 - b) Covers fixed cost
 - c) Covers variable cost
 - d) All of the above

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B) Match the concept with its appropriate definition/explanation/description. Any Ten.

10

Concept	Definition /Explanation /Description
i) Opportunity cost	a] Cost of an additional batch
ii) Graph	b] Value of the best alternative sacrificed
iii) Law of supply	c] Delphi method
iv) Perfect competition	d] Price line
v) Survey method	e] Initial cost of buying an asset
vi) Promotional elasticity of demand	f] Price and quantity supplied are positively related
vii) Iso-cost line	g] Impact of change in advertising expenditure on quantity demanded
viii) Internal diseconomies of scale	h] Benefits of joint production
ix) Economies of scope	i] Cost-volume profit analysis
x) Historical cost	j] Horizontal demand curve
xi) Incremental cost	k] An increase in the scale of production of the firm results in rise in cost per unit
xii) Breakeven analysis	l] Diagrammatic representation of a function

Attempt A and B OR C and D

A) What is business economics? Discuss the relationship between economic concepts and business decisions.

08

B) Given the following data. Calculate TR, AR, and MR. Explain the relationship between

07

a) TR and MR and b) AR and MR

Q	1	2	3	4	5
P	100	90	80	70	60

OR

C) The following table describes the market for floppy discs before pen drives were introduced.

08

Price (Rs)	Quantity Demanded of floppy discs	Quantity Supplied of floppy discs
100	1500	700
200	1300	900
300	1100	1100
400	900	1300
500	700	1500

- Plot the demand and supply curves from the table given above.
- What is the equilibrium price and equilibrium quantity?

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- iii) At the price of Rs. 200 what is the equilibrium quantity demanded and quantity supplied?
- iv) When pen drives were introduced the demand for floppy discs decreased. Does the new demand curve shift to the left or right of the original demand curve?

D) Using diagrams explain the causes of changes in demand in terms of movement along and shifts in the demand curve. 07

Attempt A and B **OR** C and D

- A) What are the determinants of demand? 08
- B) Given the following data, calculate price elasticity of demand for wheat when price increases and when price decreases. State whether the demand for wheat is elastic or inelastic. 07

Price of wheat	Market demand for wheat
15	5000
20	4500

OR

- C) What is demand forecasting? Explain the various types of demand forecasting. 08
- D) Explain the least squares method of demand forecasting. 07

Attempt A and B **OR** C and D

- A) What are isoquants? Explain the properties of isoquants. 08
- B) Explain the law of variable proportions. 07

OR

- C) Explain the least cost combination as producer's equilibrium. 08
- D) Explain external economies and diseconomies of scale. 07

5 Attempt A and B **OR** C and D

- A) Distinguish between short run and long run costs. 08
- B) Given TFC as 55 and the following data, calculate TVC, MC, AFC, AVC and AC 07

Q	1	2	3	4	5
TC	75	90	110	135	170

OR

4

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- C) Derive the LAC curve using the short run average cost curves of a firm. Why is it called a planning curve? **08**
- D) What is the learning curve? Explain with a diagram. **07**

Attempt A and B OR Write short notes on any four.

- A) Explain changes in equilibrium due to: **10**
a) Changes in demand and
b) Changes in supply
- B) What is the breakeven point? Using diagrams explain how the breakeven point changes when there are changes in price and variable cost. **10**

OR

Write Short Notes. Any Four **20**

- i) Functions and equations
- ii) Steps of demand forecasting
- iii) Types of isoquants
- iv) Internal economies of scale
- v) Fixed and variable cost
- vi) Limitations of breakeven analysis

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NB: (1) All questions are compulsory

Total marks: 75

(2) Figures to the right indicate full marks

Time: 2 ½ hours

1(A) Choose the correct alternative (any 8)

(08)

1. The Indian languages belong to --- language families.
(3, 2, 4)
2. Scheduled castes are not found in -----.
(Punjab, Mizoram, Uttar Pradesh)
3. The Indian Constitution makes provision for positive discrimination via Art -----
(15, 14, 17)
4. One of the characteristics of urban centres is all places with a population of at least --
----- (2000, 5000, 4000)
5. Gender is a ----- concept. (Sociological, Economic, Biological)
6. Mongoloids, Negritoes and Austroloids are examples of Indian ---- groups.
(Rural, Tribal, Linguistic)
7. There are ----- schedules in the Indian Constitution.
(12, 13, 14)
8. India is a ----- of states.
(Union, Federation, Confederation)
9. India has a ----- Party System.
(Multi, Dual, Single)
10. The 73rd amendment to the Indian Constitution regarding Panchayati Raj was passed
in ----.
(1990, 1991, 1992)

(B) State whether the following statements are true or false. (Any 7)

(07)

1. English is the secondary official language of the Indian Union.
2. A Secular State is that in which religions are treated unequally.
3. Sikhism is a monotheistic religion.
4. The sex ratio in India has always remained unfavourable to women.
5. Each tribal group of India has a language of its own.
6. Children's education is every parent's Fundamental Duty according to Indian Constitution.
7. Caste is an endogamous group in the Indian society.
8. The Indian Constitution is a completely original work of the Constituent Assembly.
9. There are 10 Fundamental Duties enshrined in the Indian Constitution.
10. The Shiromani Akali Dal and the Asom Gan Parishad are examples of regional parties in India.

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2 a. Clarify the term violence against women and comment on the various manifestations of violence against them in contemporary India. (15)

OR

2 b. Explain the manifold problems faced by the disabled in the country.

3 a. Examine the various causes of regionalism in India with suitable examples. (15)

OR

3 b. Explain the term Caste. What are the inequalities caused by the Caste system in India?

4 a. Examine the importance of the Fundamental Duties in the Indian Constitution. (15)

OR

4 b. Explain the following features of the Constitution

- a. Fundamental Rights
- b. Federal System
- c. Independence of the Judiciary

5. a Explain the various socio-economic and cultural obstacles in the effective participation of women in Indian politics.

OR

5. b Write short notes on any three. (15)

- a. Any two aspects of diversity in the Indian culture
- b. The rural urban divide in India
- c. Shortcomings of the party system in India.
- d. Major features of the 74th amendment
- e. Representation of women by the Indian media

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(मराठी क्रांतार)

सूचना: १) सर्व प्रश्न अनिवार्य आहेत.

२) उजवीकडील अंक पूर्ण गुण दर्शवितात.

प्राशन १ अ) योग्य पर्याय निवडा. (कोणतेही आठ)

एकूण गुण: ७५

वेळ: २ तास ३० मि.

(०८)

१. भारतीय भाषा ----- भाषासामुहाचा भाग आहेत. (३, २, ४)
२. ----- या राज्यात अनुसूचित जातीचे लोक आढळून येत नाहीत.
(पंजाब, मिझोराम, उत्तर प्रदेश)
३. भारतीय घटनेने ----- या कलमाद्वारे सकारात्मक भेदभावाची तरतूद केली आहे.
(१५, १४, १७)
४. शहरी केंद्रांचे एक वैशिष्ट्य म्हणजे सर्व ठिकाणी किमान ----- लोकसंख्या
(प्रकृती, सती, शक्ती)
५. लैंगिकता हि ----- संकल्पना आहे. (समाजशास्त्रीय, आर्थिक, जीवशास्त्रीय)
६. मंगोलॉइडस, नेग्रिटोस, आणि ऑस्ट्रोलॉइडस हि भारतीय ----- समूहांची उदाहरणे आहेत.
(ग्रामीण, आदिवासी, भाषिक)
७. भारतीय राज्यघटनेमध्ये ----- परिशिष्ट आहेत. (१२, १३, १४)
८. भारत राज्यांचा/चे ----- (संघ, संघराज्य, राष्ट्रमंडळ)
९. भारतात ----- पक्षपद्धती आहे. (बहु, द्वा, एक)
१०. पंचायत राज्यासंदर्भातील ७३ वी घटनादुरुस्ती ----- साली झाली. (१९९०, १९९१, १९९२)

प्रश्न १ ब) खालील विधाने चूक कि बरोबर आहेत ते सांगा. (कोणतेही सात)

(०७)

१. इंग्रजी हि भारतीय संघाची दुसरी कार्यालयीन भाषा आहे.
२. धर्मनिरपेक्ष राज्य म्हणजे असे राज्य ज्यात धर्माना असमान वागणूक दिली जाते.
३. शीख धर्म एकेश्वरवादी आहे.
४. भारतात लिंग गुणोत्तरात नेहमीच महिलांचे प्रमाण कमी राहिले आहे.
५. भारतातील प्रत्येक आदिवासी समूहाची आपली एक भाषा आहे.
६. भारतीय घटनेनुसार, मुलांचे शिक्षण हे प्रत्येक पालकाचे मूलभूत कर्तव्य आहे.
७. भारतीय समाजात जात हा अंतर्विवाह समूह आहे.
८. भारतीय राज्यघटना हि पूर्णपणे घटनासमितीची अस्सल निर्मिती आहे.
९. भारतीय राज्यघटनेत १० मूलभूत कर्तव्ये अंतर्भूत आहेत.
१०. शिरोमणी अकाली दल आणि असोम गण परिषद हि प्रादेशिक पक्षांची उदाहरणे आहेत.

प्रश्न २ अ) स्त्रियांवरील अत्याचार म्हणजे काय ते सांगा आणि वर्तमानकाळात भारतामध्ये

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स्त्रियांवरील अत्याचाराच्या वेगवेगळ्या प्रकारांवर टिप्पणी करा.

(१५)

किंवा

प्रश्न २ ब) देशात अपंगांना कोणत्या वेगवेगळ्या समस्यांना सामोरे जावे लागते त्याचे वर्णन करा. (१५)

प्रश्न ३ अ) भारतातील प्रादेशिकतावादाच्या विविध कारणांचे उदाहरणासहित परीक्षण करा. (१५)

किंवा

प्रश्न ३ ब) जात हि संज्ञा स्पष्ट करा. भारतात जातीव्यवस्थेमुळे कोणत्या असमानता निर्माण झाल्या आहेत? (१५)

प्रश्न ४ अ) भारतीय राज्यघटनेमध्ये मूलभूत कर्तव्यांच्या असलेल्या महत्वाचे परीक्षण करा. (१५)

किंवा

प्रश्न ४ ब) भारतीय राज्यघटनेची खालील वैशिष्ट्ये स्पष्ट करा. (१५)

अ) मूलभूत हक्क

ब) संघराज्य व्यवस्था

क) न्यायालयाचे स्वातंत्र्य

प्रश्न ५ अ) भारतीय राजकारणातील स्त्रियांच्या प्रभावी सहभागामध्ये येणाऱ्या विविध

सामाजिक-आर्थिक आणि सांस्कृतिक अडथळे स्पष्ट करा. (१५)

किंवा

प्रश्न ५ ब) टीपा लिहा, (कोणत्याही तीन)

(१५)

१. भारतीय संस्कृतीमधील विविधतेची कोणतीही दोन वैशिष्ट्ये
२. भारतातील ग्रामीण-शहरी दुही
३. भारतातील पक्षपद्धतीतील चुटी
४. ७४व्या घटनादुरुस्तीची प्रमुख वैशिष्ट्ये
५. स्त्रियांचे भारतीय प्रसार माध्यमांमधील प्रकटीकरण

[Time: 3 Hours]

[Marks:100]

Please check whether you have got the right question paper.

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

Section - I

Attempt **Any Four** from the following:

- A) If the market price of a share with face value Rs.100 is Rs.130, how many shares of the company can be bought for Rs.3263, brokerage being 0.4%. [05]
- B) Smooth Writing Industry issued some shares of face value Rs.10 each. A dividend of Rs. 7500 was declared by the company at 2.5% per share. Find number of shares issued by the company. [05]
- C) Neil purchased 1200 units of a mutual fund by investing Rs.60000. If the entry load was 2%, find NAV on the date of purchase. [05]
- D) Nihar invested Rs.40000 in a mutual fund on 14-2-2012 when its NAV was Rs. 13.65. a dividend of Rs.3 per unit was given on 20-4-2012. Afterwards he sold all the units on 20-8-2012 when NAV was Rs. 16.85. Find his gain if there is no entry and exit load. [05]
- E) An investor joined the SIP scheme for a mutual fund under which he would invest Rs. 15000 for 5 months. If the NAVs for each month are Rs. 42.6, Rs. 45, Rs. 47, Rs. 47.5 and Rs. 60, find the average cost using Rupee cost averaging method, the entry load being 2.5% throughout for these months. [05]

Q.2 Attempt **Any Four** from the following:

- A) From 4 professors and 6 students, a committee of 4 is to be formed. In how many ways the committee can be formed such that it contains only one professor. [05]
- B) How many numbers of 5 digits can be formed using the digits 1,2,3,4,5,6 such that
 - i) no digit is repeated
 - ii) repetition of digits is allowed
- C) How many ways out of 11 members of a cricket team choose a Captain, Vice-captain and wicket-keeper from among themselves? [05]
- D) Solve the linear programming problem graphically.

$$\text{Min } z = 10x + 7y$$

$$\text{Subject to: } \begin{cases} 2x + y \geq 2 \\ x + 3y \geq 3 \\ x, y \geq 0 \end{cases}$$
- E) A cracker manufacturer produces two types of crackers, rockets and bombs packed in boxes of hundreds in its two factories. Factory I performs the basic assembly operation. Factory II performs the finishing operation. For financial reason, Factory I has only 180 hours available per week and factory II has 120 hours available. Factory I needs 3 hours on each box of rockets and 10 hours on each box of bombs. Factory II needs 6 hours on box of rockets and 4 hours on box of bombs. The profit of the company is Rs.45 per box of rockets and Rs.55 per box of bombs. Formulate the LPP to maximize the profit. [05]

1

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SECTION-II

Q.3 Attempt Any Four from the following:

A) Find the median and the fifth decile for the following frequency distribution: [05]

Class Interval	5-10	15-20	25-30	35-40
frequency	16	14	13	17

B) Write merits and demerits of mean and mode. [05]

C) Draw a histogram and hence locate the mode graphically for the following distribution of marks. [05]

Marks	20-30	30-40	40-50	50-60
No. of students	11	15	24	14

D) From the following frequency distribution, calculate the standard deviation: [05]

X	5	6	7	8	10
frequency	3	7	4	2	4

E) For the following data, find the combined mean. Also find which group has more variation. [05]

	Group I	Group II
Number of articles	70	90
Mean	75	82
Variance	16	49

Q.4 Attempt Any Four from the following:

A) Define the following terms with examples: [05]

- i) Complementary event
- ii) sample space

B) Two unbiased dice are thrown. Find the probability that [05]

- i) Number on first die is less than number on second die.
- ii) Sum of numbers on the two dice is 8.

C) If $P(A) = \frac{1}{2}$, $P(B) = \frac{1}{3}$, $P(A \cup B) = \frac{1}{6}$. Find $P(A')$ and $P(A \cap B)$. [05]

D) The following table shows a Probability Distribution of a Random Variable X. [05]

X	-1	0	1	2	3
P(X)	0.1	0.25	0.25	0.2	0.2

Find (i) $P(X > 1)$ (ii) $E(X)$ (iii) $V(X)$

E) Four cards are to be selected from a pack of well shuffled 52 playing cards. Find the probability that [05]

- i) All are back
- ii) Only one is king

Q.5 Attempt Any Four from the following.

- A) For the following pay off table, suggest the best decision by using,
 i) Maximax criterion ii) Maximin criterion iii) Laplace criterion

[05]

nature \ action	S1	S2	S3	S4
A1	57	24	37	50
A2	24	28	32	13
A3	12	34	26	44

- B) Draw a decision tree for the following decision making problem and suggest the best decision:

[05]

nature \ action	S1	S2	S3
A1	34	20	18
A2	14	16	12
Probability	0.2	0.3	0.5

[05]

- C) Define the following along with examples:

- i) Acts
 ii) States of Nature

[05]

- D) The following is demand distribution of a certain product:

No. of units demanded	10	11	12
probability	0.35	0.40	0.25

The product is sold at Rs. 100 per unit with cost price Rs. 70 per unit. Prepare a payoff tables and decide the best decision. The unit not sold is wasted.

[05]

- E) For the following pay off table, suggest the best decision by EOL method

nature \ action	S1	S2	S3
A1	14	16	10
A2	12	15	16
A3	20	18	14
Probability	0.4	0.3	0.3
