

UNIT IV

15. A survey of 400 recently qualified chartered accounts revealed that 112 joined industry, 120 started practice and 160 joined the firms of practising chartered accountants as paid assistants. There were 32 who joined service and also did practice, 40 had both practice and assistant ship and 20 had both job in industry and assistantship. There were 12 who did all the three indicate how many could not get any of these and how many did only any of these.

Or

16. Prove that $A - (B \cup C) = (A - B) \cap (A - C)$ also prove it when $A = \{1, 2, 3, 4, 5, 6, 7, 8, 9\}$ $B = \{3, 5, 7\}$ $C = \{2, 4, 6\}$.

UNIT V

17. Solve the equations by Determinants

$$5x + 6y + 4z = 15$$

$$7x + 4y - 3z = 19$$

$$2x + y + 6z = 4z$$

Or

18. Find the inverse of the matrix

$$\begin{bmatrix} 2 & 3 & 1 \\ 4 & 3 & 1 \\ 1 & 2 & 4 \end{bmatrix}$$

(2006QMM15)

B.B.A. DEGREE (CBCS) EXAMINATION,
MARCH 2020.

(Examination at the end of Second Semester)

Part - II

QUANTITATIVE METHODS FOR MANAGERS

(Regulation 2015-2016)

Time : Three hours

Maximum : 75 marks

PART A — (5 × 5 = 25 marks)

Answer any FIVE questions.

1. What is secondary data? What are the sources of secondary data?
2. What are different graphs of frequency distribution? Explain.
3. Explain the characteristics of measures central tendency.
4. Explain regression and its types.
5. Differentiate between classification and tabulation.

6. Explain probable error in correlation.
7. Prove that $A \cap (B \cup C) = (A \cap B) \cup (A \cap C)$.
8. Find $[x \ y] \begin{bmatrix} a & h \\ h & b \end{bmatrix} \begin{bmatrix} x \\ y \end{bmatrix}$.

PART B — (5 × 10 = 50 marks)

Answer ALL questions.

UNIT I

9. Explain the primary data and its collection techniques.

Or

10. Represent the following data by a suitable bar diagram.

Items of expenditure	Family A (Income Rs. 500)	Family A (Income Rs. 300)
Food	150	150
Clothing	125	60
Education	25	50
Miscellaneous	190	70
Saving or Deficit	+10	-30

UNIT II

11. An incomplete frequency is given below

Variable	10-20	20-30	30-40	40-50	50-60	60-70	70-80
Frequency	12	30	?	65	?	25	19

The median for the data is 46. Find the missing frequencies.

Or

12. Find the mean deviation from mean from the following data.

Class interval	0-10	10-20	20-30	30-40	40-50	50-60	60-70
Frequency	8	12	10	8	3	2	7

UNIT III

13. Find the Karl Pearson correlation coefficient for the following data.

x	50	50	55	60	65	65	65	60	60	50
y	11	13	14	16	16	15	15	14	13	13

Or

14. Find the regression lines for the following data.

x	14	19	24	21	26	22	15	20	19
y	31	36	48	37	50	45	33	41	39

UNIT IV

15. Write about the elements of Economic Environment.

ఆర్థిక వాతావరణం యొక్క అంశాల గురించి వ్రాయండి.

Or

16. Write about monetary policy in India.

భారతదేశంలో ద్రవ్య విధానం గురించి వ్రాయండి.

UNIT V

17. What are the elements international environment?

అంతర్జాతీయ పర్యావరణం యొక్క అంశాలు ఏమిటి?

Or

18. Describe the influence of MNCs in India's business development.

భారతదేశ వ్యాపార అభివృద్ధిలో MNCల ప్రభావాన్ని వివరించండి.

(2006BEN15)

B.B.A. DEGREE (CBCS) EXAMINATION,
MARCH 2020.

(Examination at the end of Second Semester)

Part II

BUSINESS ENVIRONMENT

(Regulation 2015-2016)

Time : Three hours

Maximum : 75 marks

PART A — (5 × 5 = 25 marks)

Answer any FIVE questions.

1. Characteristics of Business Environment.
వ్యాపార పర్యావరణం యొక్క లక్షణాలు.
2. Macro Environment.
స్థూల పర్యావరణం.
3. Social Structure.
సామాజిక నిర్మాణం.
4. What are the objectives of planning?
ప్రణాళిక యొక్క లక్ష్యాలు ఏమిటి?

5. Fiscal policy.
కొలత విధానం.
6. What are the elements of Political Environment?
రాజకీయ వాతావరణం యొక్క అంశాలు ఏమిటి?
7. MNC's.
MNC's (బహుళ జాతీయ సంస్థలు).
8. Non-resident Indians.
ప్రవాస భారతీయుల గురించి వ్రాయండి.

PART B — (5 × 10 = 50 marks)
Answer the following questions.

UNIT I

9. Explain the Internal Environment factors.
అంతర్గత పర్యావరణం కారకాలను వివరించండి.
- Or
10. What is business environment? And state its importance.
వ్యాపార పర్యావరణం అనగా నేమి? దాని ప్రాముఖ్యతను తెల్పండి.

UNIT II

11. What are the elements of technological environment?
సాంకేతిక వాతావరణం యొక్క కారకాలను వ్రాయండి.
- Or
12. What are the different schemes of social justice?
సామాజిక న్యాయం యొక్క విభిన్న పథకాలు ఏమిటి?

UNIT III

13. What is Political Risk? What are the different types of political risk?
రాజకీయ ప్రమాదం అనగా ఏమిటి? వివిధ రకాల రాజకీయ ప్రమాదాలు ఏమిటి?
- Or
14. Write about Consumer Protection Act 1986.
1986, వినియోగదారుల రక్షణ చట్టం గురించి వ్రాయండి.