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II Semester B.B.A. 3 Degree Examination, September - 2020

BUSINESS STATISTICS

(Regular)

Time : 3 Hours

Maximum Marks : 80

Instructions to Candidates:

- 1) Simple Calculator is allowed
- 2) Section D is compulsory.

Section - A

Answer any **ten** of the following Each question carries 2 marks:

(10×2=20)

1. What is frequency distribution?
2. What do you mean by inclusive and exclusive class intervals?
3. What are the various measures of central Tendency?
4. How do you find median and mode graphically?
5. Define standard deviation.
6. What is Skewness and Kurtosis?
7. In a frequency distribution, mean and median are 12 and 15 respectively. The standard deviation is 10. Calculate the coefficient of skewness.
8. What do you mean by business cycle?
9. Define seasonal variation? Give an example.
10. Name two methods of measuring trend.
11. Define an index number.
12. Given $\sum p_0q_1 = 300$ and $\sum p_1q_1 = 375$ construct a suitable price index number.

Section - B

Answer any **four** questions. Each question carries 5 marks:

(4×5=20)

13. Explain the methods of collection of primary data.

P.T.O.



14. Calculate mean and mode from the following data.

Classes	40-50	50-60	60-70	70-80	80-90	90-100
Frequency	10	11	40	30	43	6

15. Calculate 5-yearly moving averages from the given data.

Year	2000	2001	2002	2003	2004	2005	2006	2007	2008
Value	10	15	18	21	25	30	33	40	50

16. Graphically find the median for the following frequency distribution of weight of babies at birth.

Weights (kgs)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	Total
No. of babies	1	8	28	53	31	12	3	136

17. Explain skewness. Draw the various skew curves and indicate the rough positions of mean, median and mode.
18. Show that Fisher's index number satisfies TRT.

Section - C

Answer any **three** questions. Each carries 10 marks.

(3×10=30)

19. Following are the marks obtained by two students A and B in 10 tests of 100 marks each.

Tests	1	2	3	4	5	6	7	8	9	10
Marks obtained by A	44	80	76	48	52	72	68	56	60	54
Marks obtained by B	48	75	54	60	63	69	69	72	51	57

If the consistency of performance is a criterion for awarding a prize, which student should get the prize?

20. Find the Bowley's coefficient of skewness for the following data:

In come per day (in Rs.)	40-50	50-60	60-70	70-80	80-90	90-100
No. of Workers	19	35	48	46	26	12

21. Production in thousand quintals of sugar are given below. Fit a straight line trend and estimate production for 2011.

Year	2002	2003	2004	2005	2006	2007	2008
Production(oooqtls)	12	10	14	11	13	15	16



22. Compute Laspeyre's, Paaschis, Fisher's and Marshal-Edgeworth Index numbers from the following data.

Commodity	1995		2000	
	Price (Rs.)	Quantity	Price (Rs.)	Quantity
A	6	50	10	56
B	2	100	2	120
C	4	60	6	60
D	10	30	12	24
E	8	40	12	36

23. Describe the general rules of a statistical table. Give a specimen of the table.

Section - D

(Compulsory)

Answer the following question:

(1×10=10)

24. The following data relates to the salary of workers of two factories.

	Factory A	Factory B
Number of workers	80	110
Arithmetic mean	Rs. 2320	Rs. 2160
Standard deviation	Rs. 120	Rs. 122

- i) In which factory is the total expenditure on salary more?
- ii) In which factory is average salary of workers more?
- iii) In which factory is variation in salary more
- iv) Calculate the combined average salary of factory A and factory B

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II Semester B.B.A. 2 Degree Examination, September - 2020

BUSINESS STATISTICS

(Repeater)

Time : 3 Hours

Maximum Marks : 80

Instructions to Candidates :

1. Simple Calculators are allowed.
2. Question No. 20 is Compulsory.

SECTION - A

Answer any ten of the following

(10×2=20)

1. Define Tabulation.
2. What is exclusive method of Class Interval?
3. What is Classification?
4. Mention any three measures of Central Tendency.
5. Define Index Number.
6. Define Correlation and Regression.
7. Calculate Median from the following Data
Values : 46, 83, 13, 04, 15, 28, 30, 34 .
8. Name the Graph through which Mode is located.
9. If S.D. = 20 and Mean = 60, find Coefficient of Variation.
10. What do you mean by Trend?
11. If $6_{xy} = -7.3$ and $6_{yx} = -0.11$, Find r .
12. What are Caption and Stub in a Table?

SECTION - B

Answer any five of the following

(5×8=40)

13. Explain different parts of a Table.
14. Calculate Mean and Median from the following data :

Marks	0-10	10-20	20-30	30-40	40-50	50-60	60-70	Total
Students	4	9	19	20	18	7	3	80

P.T.O.



15. Calculate 4 Yearly Moving Averages from the following data

Year	1988	1989	1990	1991	1992	1993	1994	1995	1996
Value	103	104	107	101	102	104	105	99	100

16. Calculate Combined Mean and Combined Standard Deviation

Particulars	Factory A	Factory B
No. of Workers	80	110
Average Salary	Rs.2,320	Rs.2,160
S.D	Rs.120	Rs.122

17. The following are the runs scored by two batsman A and B. Find which batsman is more consistent and why?

A	58	59	60	65	66	52	75	31	46	48
B	56	87	89	46	93	65	44	54	78	68

18. From the following data, calculate Fisher's Index Number and test whether it satisfies Time Reversal Test :

Item	Price		Quantity	
	2016	2020	2016	2020
A	5	6	6	7
B	7	12	6	13
C	6	15	8	15
D	8	10	8	12

19. Calculate Karl Pearson's Coefficient of Correlation

X	12	14	16	18	20	22	24	26	28
Y	36	33	30	27	24	21	18	15	12

SECTION - C

(1×20=20)

20. Fit a Straight Line Trend by the Method of Least Squares for the following data .

Year	1991	1992	1993	1994	1995	1996	1997
Production	77	81	88	94	94	96	98
Estimate :							

- Trend Values for various years.
- Estimate the Production for next 2 years.
- Draw the Graph of Original Values and Trend Values on a same Graph.
- Estimate the monthly change in Production.

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II Semester B.B.A. 3 Degree Examination, September - 2020

HUMAN RESOURCE MANAGEMENT

(Regular)

Time : 3 Hours

Maximum Marks : 80

Instructions to Candidates:

- 1) Mention Question numbers correctly
- 2) Section D is compulsory.

PART - A

I. Answer any Ten questions.

(10×2=20)

1. Define HRM
2. Write any 2 principles of wage & Salary administration
3. What is placement?
4. Write any 2 importance of HRM.
5. What is Job Evaluation?
6. What is quality circle?
7. What is employee morale?
8. Write any 2 merits of piece rate system.
9. Write any 2 benefits of training.
10. What is wage & salary administration?
11. Write any 2 features of HRM.
12. What is employee counselling?

PART - B

II. Answer any Four questions. Each question carries 5 marks.

(4×5=20)

13. Explain the sources of Recruitment.
14. Explain benefits of quality circle.

[P.T.O.]



15. Explain the objectives of HRM.
16. Draft an advertising copy for XYZ Enterprises, who is recruiting 2 accountants and 8 sales persons for their reputed Soaps company in north Karnataka.
17. Explain the benefits of Induction
18. Explain the merits of time rate system.

PART - C

III. Answer any **Three** questions. Each question carries 10 marks. **(3×10=30)**

19. Explain the steps in HRP process.
20. Explain the factors influencing wage & Salary administration.
21. Explain the benefits of High Morale.
22. Explain the methods of Job Designing.
23. Explain the functions of HRM.

PART - D

(Compulsory)

(1×10=10)

24. Write a note on each of the following.

- a) Deputation
 - b) Demotion
 - c) Promotion
 - d) Separation
 - e) Transfer.
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II Semester B.B.A. 3 Degree Examination, September - 2020

INDIAN BUSINESS ENVIRONMENT

(Regular)

Time : 3 Hours

Maximum Marks : 80

Instructions to Candidates:

- 1) Be Specific to the point.
- 2) Section - D is Compulsory

SECTION - A

Answer any **TEN** of the following:

(10×2=20)

1. Define Business.
2. What is Micro-Environment?
3. What do you understand by self reliance?
4. What is a developed economy?
5. What is cash credit?
6. What is FDI ?
7. Expand GATT and CRR
8. What is de valuation?
9. What is SLR?
10. What are trade blocks?
11. Elaborate EXIM and WTO
12. What are commercial banks?

SECTION - B

Answer any **FOUR** of the following:

(4×5=20)

13. Explain the features of business environment.
14. What are the factors affecting Indian economy?
15. Explain globalization. Its merits and demerits
16. What are the objectives of foreign trade policy?
17. What are the challenges faced by International Business Houses?
18. What do you understand by social responsibility of business? Explain.

P.T.O.

**SECTION - C**Answer any **THREE** questions**(3×10=30)**

19. Indian economy continues to imbibe all the features of backward economy. Comment.
20. "The prime objective of modern business is to create a customer" in the light of this statement. Outline the objectives of the modern business.
21. Write a note on:
 - a) CCI Act
 - b) Recent policies for small scale Industries.
22. Write a note on Niti Ayoga and its objectives.
23. Define RBI. Explain the functions of RBI.

SECTION - D**(Compulsory)**

24. Define trade blocks and highlight its characteristics.

(1×10=10)



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II Semester BBA 2 Degree Examination, September - 2020**FUNDAMENTALS OF MARKETING****(Repeater)****Time : 3 Hours****Maximum Marks : 80****Instructions :** Section 'C' is compulsory.**SECTION -A**Answer any **ten** questions. Each carries 2 marks.**(10×2=20)**

1. Define Marketing.
2. Expand PEST.
3. What is STP?
4. What are tools of promotion mix?
5. What do you mean by PLC?
6. What do you mean by product concepts?
7. What is test marketing?
8. What is segmentation?
9. State any 2 objectives of product pricing.
10. Expand VMS & HMS.
11. What is mean by Personal Selling?
12. What is Branding?

SECTION-BAnswer any **five** questions. Each carries 8 marks.**(5×8=40)**

13. Explain core concepts of Marketing.
14. Explain different stages of product life cycle.
15. What is pricing? Explain various methods of pricing.



16. Explain various factors of Macro environment.
17. Explain new product development process with examples.
18. Explain different types of distribution channels.
19. Write a note on
 - a) Selling Concept
 - b) Marketing Concept

SECTION -C
(Compulsory)

(4×5=20)

20. Suggest suitable pricing methods & distribution channels for the following.
 - i) Mobile Phones
 - ii) Laptops
 - iii) Bikes
 - iv) Fairness Cream
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