

MODEL TEST PAPER

BUSINESS ECONOMIC AND QUANTITATIVE METHODS-II

Time allowed: 3 hrs

Maximum marks: 65

- i. Question Paper has been divided into 4 parts: Section-A, Section-B, Section-C and Section-D.
- ii. **Section—A** : will consist of question no. 1 having 5 parts of one mark each. Answer should be in 1-15 words.
- iii. **Section-B** : will consist of question no. 2 to 8 of two marks each. Answer should be in 15-20 lines. Attempt any 7 question from this section.
- iv. **Section-C** : will consist of question no. 9 to 17. Each question carries 4 marks. Answer should be in 15-20 lines. Attempt any 7 question from this section
- v. **Section-D** : will consist of question no. 18 to 20 having internal choice. Each question carries 6 marks. Answer should be in 3-5 pages.
- vi. Make diagrams where necessary.
- vii. The use of non programmable simple calculator is allowed.

Section—A

1. (a) Median divides the series into.....parts. 1
- (b) What is the value of perfect correlation <
 - (i) -3 or 3
 - (ii) 0
 - (iii) 0 or 1
 - (iv) -1 or 1 1
- (c) What is gross domestic product at market price? 1
- (d) Money has general acceptability by govt. so it is called
 - (i) Currency
 - (ii) Legal tender money
 - (iii) Fiat money
 - (iv) All 1
- (e) The exchange value of money between two countries is called
 - (i) Currency rate
 - (ii) Exchange Policy
 - (iii) Foreign exchange rate
 - (iv) Foreign policy 1

Section—B

2. Write the merits of arithmetic mean. 2
3. Explain the Characteristics of coefficient of skewness as given by Bowley. 2
4. What are the Characteristics of index number? 2
5. Write the objectives of regression analysis. 2
6. Explain circular flow of income in two sector economy without saving. 2
7. What is involuntary unemployment? 2
8. What is bank rate ? 2

Section—C

9. Calculate median from the following data 4

Marks :	100	150	80	200	250	180
No. of students	24	26	16	20	6	30
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10. Calculate coefficient of skewness by Karl-Pearson's method 4

Income :	5	10	15	20	25	30	35	40
No. of labourers :	26	29	40	35	26	18	14	12

11. Calculate index number by simple aggregative method and simple average of price relative. 4

Commodities	Price 2012	Price 2015
A	152	193
B	110	95
C	130	175
D	250	650
E	80	50

12. Find regression equation Y on X from the following data.

X	6	2	10	4	8
Y	9	11	5	8	7

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13. Calculate from the following data : 4
- (a) Gross national product at market price and
- (b) Net national product at market price
- (i) Private consumption expenditure = 1,00,000
- (ii) Govt. consumption expenditure = 12,500
- (iii) Gross capital formation = 2,500
- (iv) Exports = 6,000
- (v) Imports = 9,000
- (vi) Net factor income from abroad = 750
- (vii) Depreciation = 400
14. What is average propensity to consume? Example with diagram. 4
15. What are the primary function of money? 4
16. What is the difference between revenue receipt and capital receipt? 4
17. What is the difference between balance of payment and balance of trade? 4

Section—D

18. Calculate standard deviation and mean from the following data. 6

Size :	0-4	4-8	8-12	12-16	16-20	20-24	24-28
No. of farms :	4	20	10	5	4	3	2

or

Calculate correlation by Karl-Pearson's method from the following data

Roll no.	1	2	3	4	5	6	7	8	9	10
Marks in Hindi	78	36	98	25	75	82	90	62	65	39
Marks in Punjabi	84	51	91	60	68	62	86	58	53	47

19. How will you measure national income by product method?

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or

What is govt budget ? What are its objectives?

20. Calculate index number by Laspeyres and Fisher method from the following data.

Commodities	Base Year		Current year	
A	5	20	8	240
B	7	91	10	140
C	9	81	12	120
D	6	60	8	96

or

Explain the function of commercial banks.

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