



Economics : 2010

COUNCIL OF CBSE AFFILIATED SCHOOLS IN THE GULF - DUBAI CHAPTER  
GULF SAHODAYA EXAMINATION GRADE 11 2010

Subject: ECONOMICS

Max marks 95

Time 3 hours

Please note: The first 15 minutes should be devoted to reading and understanding the question paper.

General Instructions :

- 1 All Questions in both the sections are compulsory.
- 2 Marks for questions are indicated against each.
- 3 Very short questions carrying one mark are required to be answered in one sentence each.
- 4 Answers to short questions carrying 3 marks should not normally exceed 60 words each.
- 5 Answers to short questions carrying 4 marks should not normally exceed 70 words each.
- 6 Answers to Long questions carrying 6 marks should normally not exceed 100 words each.
- 7 Answers should be brief and to the point and the above word limit be adhered to as far as possible
- 8 Word limit will not be applicable to numerical questions

SECTION A - STATISTICS

- 1 In a village of 200 farms a study was conducted to find the cropping pattern. Out of 50 farms surveyed 50% grew only wheat. Identify the population and sample size. 1
- 2 What is the point where horizontal and vertical lines meet? 1
- 3 What is the sum of the deviations of items about arithmetic mean? 1
- 4 What are the limitations of statistics? 3
- 5 You are keen on finding statistical information on available health care facilities in your locality comprising 200 families. Which method of investigation would you prefer to adopt? Give reasons. 3
- 6 The marks obtained by 25 students in a class are as follows. 3  
22,28,30,32,35,37,40,41,43,44,45,45,48,49,52,53,54,56,56,58,60,62,65,68,69  
Using the above data create a frequency distribution taking class intervals 20-29 30-39 40-49 and so on. Form the cumulative frequency distribution also.

7. Calculate the Quartile deviation for the following data 3

X	50	55	58	60	70	90	95	110
F	5	7	12	10	8	6	2	9

8. Represent the following data of annual profits of 2 firms through a time series graph. 4

Years	2002	2003	2004	2005	2006
Profits in firm A (in Crores)	100	120	150	188	200
Profits in firm B (in Crores)	25	67	20	90	130

OR

In 1995-96 National Income of India according to the industry of origin (at 1993-94 prices) was as given below. Present this information in the form of a pie diagram.

Items	% share
Agriculture	40
Industry	21
Transport	19
Administration	13
Banking	7
Total	100

9. Show the inequality in wages in 2 different firms using Lorenz curve from the following data. 4

Wages (Rs)	10	12	14	16	20	28
No of workers Factory A	60	80	120	90	100	50
Factory B	150	100	90	110	30	20

10. Construct the consumer price Index number for 2004 on the basis of the following data using family budget method. 4

Items	Price in 1990	Price in 2004	Weights
Food	200	280	30
Rent	100	200	20
Clothing	150	120	20
Fuel and lighting	50	100	10
Miscellaneous	100	200	20

11. Calculate the co-efficient of correlation between the price and quantity supplied. 6

Price(Rs)	4	6	8	15	20
Supply	10	15	20	25	30

OR

In a poetry Recitation competition, 10 participants were accorded following marks by two different judges X and Y. Calculate the co-efficient of rank correlation.

X	15	17	14	13	11	12	16	18	10	9
Y	15	12	4	6	7	9	3	10	2	5

12. Calculate Co-efficient of variation given the following data set. 6

Marks	0-10	10-20	20-30	30-40	40-50	50-60	60-70
No: of students	2	4	5	9	10	5	15

13. Calculate the following from the given data set 6
- Arithmetic mean
  - Median
  - Mode

Wage rate (less than)	10	20	30	40	50
No: of workers	5	17	31	41	49

Note: Project is for 5 marks in statistics

**SECTION B (INDIAN ECONOMIC DEVELOPMENT)**

45+5=50

- When does fiscal deficit arise? 1
  - What do you understand by devaluation of rupee? 1
  - What is the main function of Central Council of Health and family welfare? 1
  - Name the three sources of energy which are commonly termed as conventional sources. 1
  - Give one main reason for low population growth in China? 1
  - What was the infant mortality rate during colonial rule? Why was it so high? 3
  - Why were the benefits of the Green Revolution restricted to few states and few crops in the initial stages of planning? 3
  - Do you think Monthly per capita expenditure method is a suitable method to identify the poor? Why? 3
  - How does infrastructure facilitate boost production? 3
- OR**
- How can transmission and distribution losses of energy be reduced? 3
  - How has the supply demand relationship led to degradation of environment? 4
  - What was the state of Indian Agriculture under British rule? 4
  - Explain four measures taken by the government to improve agricultural marketing? 4
- OR**
- Discuss the importance of credit in rural development. 4
  - Why is it necessary to generate more employment in the formal sector? 6
  - Define the following terms i) Liberalization ii) Globalization 6
  - What are the main steps taken towards liberalization in 1971? 6
  - Trace the relationship between Human capital and economic growth. 6
- OR**
- Discuss the following as a sources of human capital formation i) Health infrastructure ii) Expenditure on migration. 6
  - Answer the following questions. 6
    - Explain the Great Leap forward campaign of China initiated in 1958?
    - Give reasons for the slow growth and re emergence of poverty in Pakistan.

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