

Gulf Sahodaya - 2011-12

FINAL EXAMINATION

ECONOMICS

Date:

Marks: 95

Class: XI

Time: 3 hours

Instructions:-

- i. All questions of both the sections are compulsory.
- ii. Marks for questions are indicated against each.
- iii. Questions 1-3 and 14-18 are very short answer questions carrying 1 mark each. These are to be answered in one sentence each.
- iv. Questions 4-7 and 19-23 are short answer questions carrying 3 marks each. Answers to them should not normally exceed 60 words each.
- v. Questions 8-10 and 24-26 carry 4 marks each. Answers to them should not normally exceed 70 words each.
- vi. Questions 11-13 and 27-29 carry 6 marks each. Answers to them should not normally exceed 100 words each.
- vii. Answers should be brief and to the point and the above word limits to be adhered to as far as possible.

SECTION- A																		
1	What is the main drawback of textual presentation of data?	1																
2	What is the main difference between discrete variables and continuous variables?	1																
3	Define correlation.	1																
4	What are the major functions of statistics?	3																
5	Construct a multiple bar diagram for the following data.(all figures in rupees thousands)	3																
	<table><thead><tr><th>Year</th><th>Sales</th><th>Gross profits</th><th>Net profits</th></tr></thead><tbody><tr><td>1995</td><td>120</td><td>40</td><td>20</td></tr><tr><td>1996</td><td>140</td><td>60</td><td>40</td></tr><tr><td>1997</td><td>160</td><td>70</td><td>59</td></tr></tbody></table>	Year	Sales	Gross profits	Net profits	1995	120	40	20	1996	140	60	40	1997	160	70	59	
Year	Sales	Gross profits	Net profits															
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	OR																	

	<p>The following data shows the distribution of certain blood group 'O -ve' among Gypsies, Indians and Hungarians from a sample population. Construct a pie diagram</p> <table border="1"> <thead> <tr> <th><u>Groups</u></th> <th><u>Number of people</u></th> </tr> </thead> <tbody> <tr> <td>Gypsies</td> <td>343</td> </tr> <tr> <td>Indian</td> <td>313</td> </tr> <tr> <td>Hungarians</td> <td>344</td> </tr> </tbody> </table>	<u>Groups</u>	<u>Number of people</u>	Gypsies	343	Indian	313	Hungarians	344																											
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6	<p>State the meaning of:</p> <p>a. Ogives      b. Frequency polygon      c. Stubs.</p>	3																																		
7	<p>The sum of 10 values of a given distribution is 100. The sum of the squared deviations of their value from arithmetic mean is 169. Find coefficient of variation.</p>	3																																		
8	<p>Distinguish between:-</p> <p>a. Census survey and sample survey</p> <p>b. Primary data and secondary data.</p>	4																																		
9	<p>Calculate arithmetic mean from the following data.</p> <table border="1"> <thead> <tr> <th>Classes:</th> <th>0-10</th> <th>10-20</th> <th>20-30</th> <th>30-40</th> <th>40-50</th> <th>50-60</th> <th>60-70</th> </tr> </thead> <tbody> <tr> <td>Frequencies:</td> <td>5</td> <td>8</td> <td>3</td> <td>10</td> <td>8</td> <td>14</td> <td>2</td> </tr> </tbody> </table>	Classes:	0-10	10-20	20-30	30-40	40-50	50-60	60-70	Frequencies:	5	8	3	10	8	14	2	4																		
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10	<p>Find rank coefficient of correlation form the following data.</p> <table border="1"> <tbody> <tr> <td>X:</td> <td>80</td> <td>78</td> <td>75</td> <td>75</td> <td>68</td> <td>67</td> <td>60</td> <td>59</td> </tr> <tr> <td>Y:</td> <td>12</td> <td>13</td> <td>14</td> <td>14</td> <td>14</td> <td>16</td> <td>15</td> <td>17</td> </tr> </tbody> </table> <p>OR</p> <p>Calculate coefficient of correlation between years of schooling of farmers and annual yield per acre of land</p> <table border="1"> <tbody> <tr> <td>Years of education:</td> <td>0</td> <td>2</td> <td>4</td> <td>6</td> <td>8</td> <td>10</td> <td>12</td> </tr> <tr> <td>Yield per acre in '000'Rs:</td> <td>4</td> <td>4</td> <td>6</td> <td>10</td> <td>10</td> <td>8</td> <td>7</td> </tr> </tbody> </table>	X:	80	78	75	75	68	67	60	59	Y:	12	13	14	14	14	16	15	17	Years of education:	0	2	4	6	8	10	12	Yield per acre in '000'Rs:	4	4	6	10	10	8	7	4
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$$r = \frac{\sum XY}{\sqrt{\sum X^2 \times \sum Y^2}}$$

11	Locate mode on a graph and verify the result using formula. Classes: 0-50 50-100 100-150 150-200 200-250 250-300 300-350 350-400 Frequencies: 7 8 14 25 18 12 9 6 OR $L_i + \frac{f_1 - f_0}{2f_1 - f_0 - f_2} \times i$	6
	Locate median on a graph and verify the result using formula Classes: 0-50 50-100 100-150 150-200 200-250 250-300 300-350 350-400 Frequencies: 7 8 14 25 18 12 10 6	6
12	Calculate standard deviation from the following data Size of items: 2.5 3.5 4.5 5.5 6.5 7.5 8.5 9.5 Frequencies: 3 7 10 20 25 15 12 8	6
13	Define an index number. Discuss its importance in economics.	6
<b>SECTION B</b>		
14	Define a small scale industry.	1
15	What is the main difference between stabilisation measures and structural reform measures?	1
16	How is worker population ratio calculated?	1
17	What does absorptive capacity of environment mean?	1
18	What does commune system mean?	1
19	How did the British direct India's foreign trade into their favour? OR How did the British de-industrialise Indian economy systematically?	3
20	What are the factors that led the government to introduce economic reforms in 1991?	3
21	Why was the agricultural sector performed poorly during the reform period?	3
22	What are the critical aspects of rural India that need immediate attention for rural development?	3

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$$\sigma = \sqrt{\frac{\sum fd^2}{n} - \left(\frac{\sum fd}{n}\right)^2}$$

23	Is it necessary to generate employment in formal sector rather than in informal sector? Why?  OR How are workers classified according to their status in an industry?	3
24	Discuss the need of government intervention in education and health in India.  OR How is human capital different from human development?	4
25	What is meant by infrastructure? Discuss the relevance of infrastructure in an economy.	4
26	Evaluate the various factors that led to the rapid growth in economic development in China.	4
27	Briefly explain the common objectives of economic planning of India.  OR Briefly explain the major characteristics of India's Industrial Policy resolution 1956.	6
28	Explain the three dimensional approach of poverty alleviation program adopted by the government of India.	6
29	Define environment. What are its major functions? When does environment fail to perform its function?	6