

**POST GRADUATE DIPLOMA IN GLOBAL  
BUSINESS LEADERSHIP  
PGDGBL**

**Term-End Examination**

**December, 2012**

**MGB-011 : INFORMATION ANALYSIS FOR  
STRATEGIC DECISION MAKING**

*Time : 2 hours*

*Maximum Marks : 50*

*Note : Answer any five questions.*

*All questions carry equal marks.*

1. What is the role of strategic decision making in extracting information ? Explain with the help of a suitable example. 10
2. If arithmetic average of two numbers is 5 and geometric mean is 4. Find the harmonic mean and also the both numbers. 10
3. A group of 100 selected students average 168.8 cm in height with a coefficient of variation of 32%. What was the standard deviation of their height ? 10
4. From the weight (in kg.) of 11 persons given below. Find out median qualities and coefficient of skewness ' $\theta$ ' 10

$\theta^0$	42	45	75	67	54	58	48	56	71
------------	----	----	----	----	----	----	----	----	----

5. Briefly comment on the following : 10
- (a) Standard error is a standard deviation of the sample.
  - (b) Mean deviation is best derived from median.
  - (c) It is similar sub divide bar diagram on percentage basis.
  - (d) Ratio Chart has no zero point as it is used in making comparison of relative changes.
  - (e) Primary and secondary data may consist of many impurities which is a natural phenomenon.
6. Distinguish between *any two* of the following :  $5 \times 2 = 10$
- (a) Harmonic Mean and Geometric Mean
  - (b) Median and Mode
  - (c) Positive and Negative correlation
  - (d) Moments and kurtosis
  - (e) Discrete and continuous sales
7. Write short notes on *any two* of the following :  $5 \times 2 = 10$
- (a) Lorenz curve
  - (b) Skewness
  - (c) Asymmetrical Distribution
  - (d) Mean deviation
  - (e) Poisson Distribution
-