**Data Interpretation 1**

Directions for questions 1 to 4: These questions are based on the information given in the table about the population of four cities. Read the given information and answer the questions that follow.

1.What is the percent change in the population of karimgunj over the given period?

(a)225% (b)25% (c)125% (d)55.55% (e)None

2. Which of the following answer options shows the pair of two cities with periods in which the percent change in the population was the same?

(a)Karimgunj(‘71-’81) Karimgunj(’81-’91) (b)Karimgunj(’71-’81) Modhopur(’81-’91)

(c)Madhopur(’71-’81) Jadhopur(’71-‘91) (d)Both (a) and (c) (e)Both(b) and (c)

3. If in 2001 the population of Madhopur increases by 14.28% over the year 1991, then what is the population(approximately) of Madhopur in the year(2001)?

(a)44 (b)50 (c)56 (d)62 (e)68

4. What is the difference between the percentage increase in the population of Madhopur and Haripur from 1971 to 1991?

(a)270% (b)500 (c)270 (d)500% (e)Indeterminable

Directions for questions 5 to 7: The fluctuations in the market value(in Rs) of 2 different commodities are for certain weeks from February to July.

5. In how many weeks the market value of Arhar was greater than Rs.2100?

(a)6 (b)5 (c)7 (d)4 (e)8

6. Max invested Rs. 100 in each of the commodities in the beginning. What is his profit at the end of the period?

(a)40 (b)50 (c)60 (d)70 (e)80

7. What is the difference between the minimum market value of Arhar and maximum market value of Gold?

(a)Rs.100 (b)Rs.2500 (c)Rs.1800 (d)Rs.1500 (e)Rs.1000

**Directions for questions 8 to 11**: Following cumulative diagram gives the sales of three commodities at electronics consumer shop for four months. Answer the questions that follow.

8. To represent the actual sales of the above three commodities for the given four months which sale figure is used only once?

(a)15 (b)20 (c)30 (d)40 (e)None of these

9. How many times in any of the three categories sales increases by 20?

(a)1 (b)2 (c)3 (d)4 (e)5

10. The number of DVD’s sold in the month of July is what percent of the refrigerators sold in the month of August?

(a)100% (b)20% (c)150% (d)125% (e)36.66%

11. What is the difference between the total number of TV sets and the total number of Refrigerators sold in the span of 4 months?

(a)40 (b)60 (c)80 (d)20 (e)0

**Directions for questions 12 to 15:** The following bar graph gives the contribution of three sectors of Indian economy in Rs. Crore. GDP is calculated by taking the sum of these three values.

12. Which of the commodities has the highest contribution during the three-year period?

(a)Agriculture (b)Manufacturing (c)Services (d)Both (a)and(b) (e)Indeterminable

13. If in 2003 the contribution (in Rs crore) of services in GDP increases by 12.5% over the last year then how much would it be in 2003?

(a)88 (b)90 (c)100 (d)72 (e)70

14. What is the percentage increase in GDP over the given period?

(a)175 (b)40 (c)90 (d)75 (e)43

15. Contribution of Agriculture (in Rs.Crore) in the year 2001 is how much percentage less than the contribution(in Rs.crore) of services in the year 2002?

(a)60% (b)70% (c)90% (d)80% (e)Indeterminable

**Directions for questions 8 to 11:** Following table represents the percentage breakage of the customers in two different categories namely cellular phone and pagers for six companies. A category is further divided into two classes (Business and service). A company is said to lead another company when it has more customers in both the classes individually. A company is said to be market leader when leads over all the other companies.

8. Which company is the overall market profit?

(a)Bharathi (b)BSNL (c)MTNL (d)Reliance (e)None

9. How many companies have more number of customers than AT & T in the business class of Cellular phone market?

(a)1 (b)2 (c)3 (d)4 (e)5

10. By what percent the number of cellular phone customers of BPL in business class is more than the number of pager customers of Bharati in business class?

(a)275 (b)27 (c)375 (d)175 (e)5

11. Which company is the second market leader in the pager market?

(a)Reliance (b)BPL (c)BSNL (d)MTNL (e)Indeterminable

**Directions for questions 12 to 15: Not visible**

Note: Vass and Pollock families have only 4 members each whereas Gibbs family has only 3 members.

12. What are the values of A and B respectively?

(a)37;32.6 (b)32.6;37 (c)38;33.6 (d)33.6;38 (e)None of these

13. What is the value of (C-D)?

(a)30 (b)31 (c)34 (d)33 (e)32

14. What is the value of E?

(a)1 (b)2 (c)3 (d)4 (e)5

15. What is the average age of all the persons of Pollock and Gibbs families together?

(a)18.75 (b)22.33 (c)20.2 (d)17.5 (e)23.75

**Data Interpretation 2**

**Directions for questions 1 to 4:** These questions are based on the following bar graph

1. In 1995 the percentage of sales of tomato puree to total sales is

(a)25% (b)20% (c)16.66% (d)33.33% (e)50%

1. What is the percent change in export income during the given period?

(a)33.33% (b)50% (c)30% (d)100% (e)150%

3. If the sale of the tomato puree is to register the same percentage increase between 1995 and 1996, the sale figure(in Rs.crore) of tomato puree in 1997 must be…

(a)45.24 (b)24.14 (c)51.63 (d)55.12 (e)35.26

4. During the given period which company shows the highest percentage increase?

(a)Tomato puree (b)Tinned Pineapple (c)Mango Pulp (d)Exports (e)Both (a) and (c)

**Directions for questions 5 to 7:** The following pie chart gives the information about the market share of three soft drink companies (in %). Assume that only these three companies are there in the market answer the questions that follow.

5. If the total market is having 30,500 customers then what is the number of customers of company A?

(a)6000 (b)6100 (c)1000 (d)5000 (e)6010

6. By what percent number of customers of company B is more than that of company A? (use data from previous question)

(a)20% (b)16.66% (c)25% (d)33.33% (e)15%

7. What is the difference in the number of customers of company B and company C?

(a)9000 (b)9200 (c)9150 (d)9020 (e)Indeterminable