

### **SECTION 3- DATA SUFFICIENCY AND LOGICAL REASONING**

**(40 Questions)**

- 101.** In a certain code language Infinite means Size. What is the meaning of Indefinite in that code language?
- a) Time
  - b) Day
  - c) Meaning
  - d) Shape
- 102.** Paragraph is related to Sentence in the same way as Sentence is related to
- a) Paragraph
  - b) Type
  - c) Write
  - d) Letter
- 103.** If A is the brother of B; B is the sister of C; and C is the father of D, how D is related to A?
- a) Brother
  - b) Sister
  - c) Nephew
  - d) Cannot be determined
- 104.** If W means '+', X means '+', Y means '-' and Z means 'x' then  $28Z3Y4x12W6=?$
- a) 27
  - b) 82
  - c) 39
  - d) 53
- 105.** A woman says, "If you reverse my own age, the figures represent my husband's age. He is, of course, senior to me and the difference between our ages is one-eleventh of their sum." The woman's age is:
- a) 23 years
  - b) 34 years
  - c) 45 years
  - d) None of these

SECTION 3 - DATA SUFFICIENCY AND LOGICAL REASONING

Direction (for Q.No.106-107) : (40 Questions)

Look carefully at the sequence of symbols to find the pattern. Select correct pattern.

106.

E M E | m m m | E W E | W ? W

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 (1)    
  (2)    
  (3)    
  (4)

- a) 1
- b) 2
- c) 3
- d) 4

107.

△ □ △ | □ ○ □ | ○ ◇ ○ | ◇ □ ?

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 (1)    
  (2)    
  (3)    
  (4)

- a) 1
- b) 2
- c) 3
- d) 4

Direction (for Q.No.108-110) :

In these series, you will be looking at both the letter pattern and the number pattern. Fill the blank in the middle of the series or end of the series.

108. F2, \_\_, D8, C16, B32. What number should fill the blank?

- a) A16
- b) G4
- c) E4
- d) E3

109. XXIV, XX, \_\_, XII, VIII. What number should fill the blank?

- a) XXII
- b) XIII
- c) XVI
- d) IV

110. BCB, DED, FGF, HIH, \_\_\_\_

- a) JKJ
- b) HJH
- c) IJI
- d) JHJ

**Direction (for Q.No.111-113):**

**Read the passage given below. Identify the statement that is best supported by the passage:**

111. The future of women in India is quite bright and let us hope that they will justify their abilities by rising to the occasion. Napoleon was right when he declared that by educating the women we can educate the whole nation, because a country can never rise without the contribution of 50% of their population.

The passage best supports the statement that:

- a) India is striving hard for the emancipation of women
- b) All women should be well educated.
- c) A nation can progress only when women are given equal rights and opportunities as men.
- d) Women ought to be imparted full freedom to prove their worth and contribute to the progress of the nation.

112. Though the waste of time or the expenditure on fashions is very large, yet fashions have come to stay. They will not go, come what may. However, what is now required is that strong efforts should be made to displace the excessive craze for fashion from the minds of these youngsters.

The passage best supports the statement that:

- a) Fashion is the need of the day
- b) The excessive craze for fashion is detrimental to one's personality.
- c) The craze for fashion should be done away with so as not to let down the constructive development.
- d) Work and other activities should be valued more than the outward appearance

**113.** Industrial exhibitions play a major role in a country's economy. Such exhibitions, now regularly held in Delhi, enable us to measure the extent of our own less advanced industrial progress and the mighty industrial power and progress of countries like the U.K., U.S.A. and Russia whose pavilions are the centres of the greatest attention and attractions.

The passage best supports the statement that industrial exhibitions:

- a) greatly tax the poor economies
- b) are more useful for the developed countries like U.S.A whose products stand out superior to those of the developing countries
- c) are not of much use to the countries who are industrially backward
- d) boost up production qualitatively and quantitatively by analytical comparison of a country's products with those of the developed countries.

**Direction (for Q.No.114 -Q.No.116):**

In each of the questions below are given **TWO** statements followed by **FOUR** conclusions numbered I, II, III and IV. You have to take the given statements to be true even if they seem to be at variance from the commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

**114.**

**Statements:**

All terrorists are guilty.

All terrorists are criminals.

**Conclusions:**

- I. Either all criminals are guilty or all guilty are criminals
- II. Some guilty persons are criminals
- III. Generally criminals are guilty.
- IV. Crime and guilt go together.

- a) Only I follows
- b) Only I and III follow
- c) Only II follows
- d) Only II and IV follow

115.

**Statements**

Some books are pens.

No pen is pencil

**Conclusions:**

- I. Some pens are books.
- II. Some pencils are books.
- III. Some books are not pencils.
- IV. All pencils are books.

- a) Only I follows
- b) Only II and III follow
- c) Only I and III follow
- d) Only I and II follow

116.

**Statements**

All branches are flowers.

All flowers are leaves.

**Conclusions**

- I. All branches are leaves
- II. All leaves are branches
- III. All flowers are branches
- IV. Some leaves are branches

- a) None follows
- b) Only I and IV follow
- c) Only II and III follow
- d) All follow

**Direction (for Q.No.117-121):**

**Each of the following questions consists of a question and two statements numbered I and II .You have to decide whether the data provided in the statements are sufficient or not to answer the questions. Mark answer as**

- a) If the data in statement I alone are sufficient to answer the question
- b) If the data in statement II alone are sufficient answer the question
- c) If the data either in I or II alone are sufficient to answer the question
- d) If the data even in both the statements together are not sufficient to answer the question

**117.** In a certain code '13' means 'stop smoking' and '59' means 'injurious habit', what is the meaning of '9' and '5' respectively in that code?

- I. '157' means 'stop bad habit'.
- II. '839' means 'smoking is injurious'

**118.** How many visitors saw the exhibition yesterday?

- I. Each entry pass holder can take up to three persons with him/her.
- II. In all, 243 passes were sold yesterday.

**119.** In what proportion would Raj, Karim and Altaf distribute profit among them?

- I. Raj gets two-fifth of the profit.
- II. Karim and Altaf have made 75% of the total investment.

**120.** At what time did the train leave today?

- I. The train normally leaves on time.
- II. The scheduled departure is at 14: 30.

**121.** What will be the total weight of 10 poles each of the same weight?

- I. One-fourth of the weight of a pole is 5 kilograms.
- II. The total weight of three poles is 20 kilograms more than the total weight of two poles

**Direction (for Q.No.122-126):**

**From the passage given below, you are led to certain conclusions. You may choose the right option regarding the conclusions.**

The force of technological change will have an impact on the manufacturing industry. But the real effect will be on the information processing industry like software development, service industries like airlines, insurance and consulting – both technical and managerial, designing and executing jobs. Another feature of technological change by the end of century will be the resistance to change from within and outside the organizations. Satisfactory resolutions will require a high degree of mutual cooperation between Government and Industry, Industry and its users, Management and Unions and within organizations across functions.

**122.** The information processing industry has been less amenable to technological change than the manufacturing industry.

- a) The statement is definitely true.
- b) The statement is probably true.
- c) The data provided is inadequate to derive the conclusion.
- d) The statement is definitely false.

**123.** The technological change will affect only specific functions in an organization leaving the others undisturbed.

- a) The statement is definitely true.
- b) The statement is probably true.
- c) The data provided is inadequate to derive the conclusion.
- d) The statement is definitely false.

**124.** As compared to service industry, the manufacturing industry will be less affected by the technological change.

- a) The statement is definitely true.
- b) The statement is probably true.
- c) The data provided is inadequate to derive the conclusion.
- d) The statement is definitely false.

**125.** Technological change has already set in.

- a) The statement is definitely true.
- b) The statement is probably true.
- c) The data provided is inadequate to derive the conclusion.
- d) The statement is definitely false.

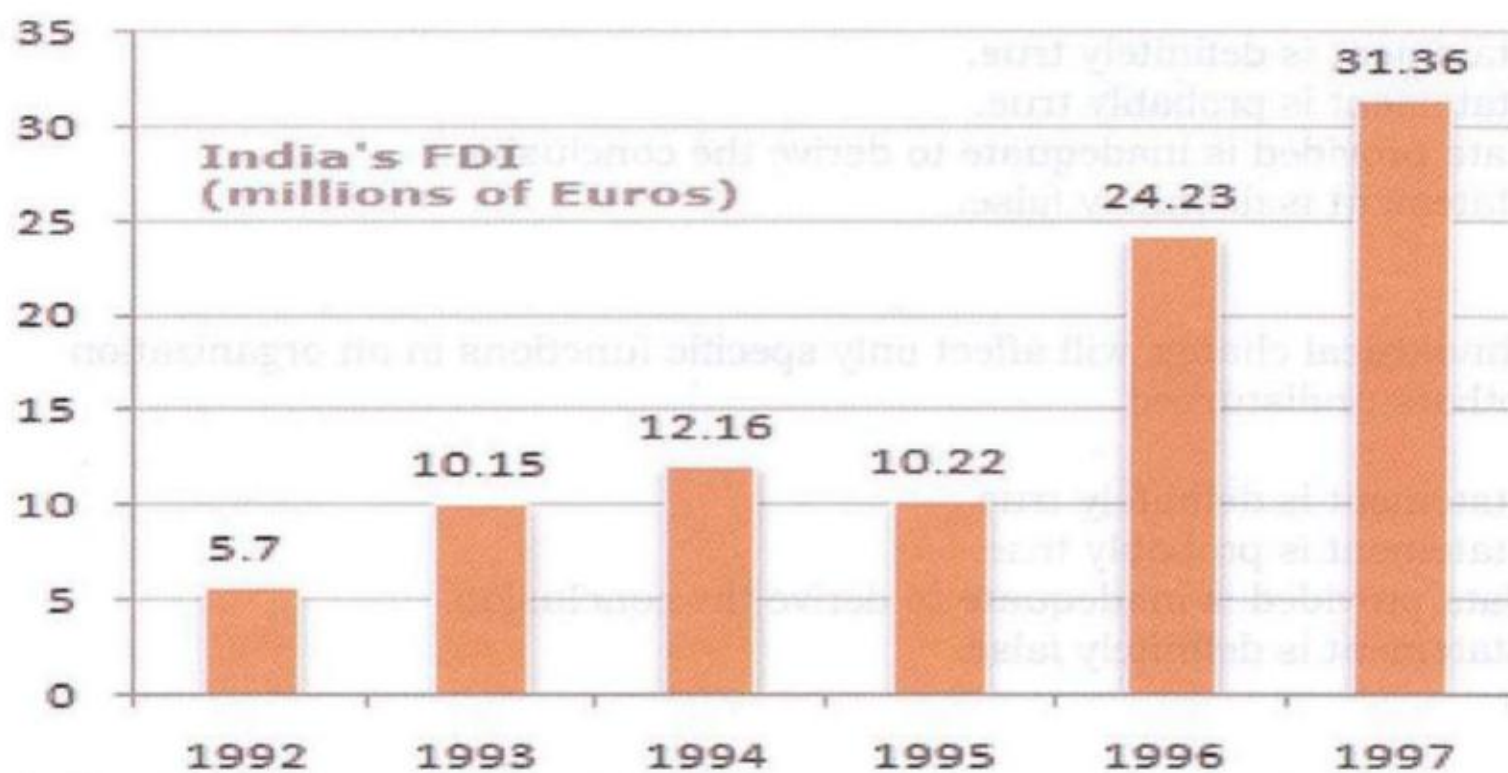
126. People prefer status quo.

- a) The statement is definitely true.
- b) The statement is probably true.
- c) The data provided is inadequate to derive the conclusion.
- d) The statement is definitely false.

**Direction (for Q.No.127-131):**

**The following bar chart shows the trends of foreign direct investments (FDI) into India from all over the world. Study the graph carefully, answer the questions that follow:**

Trends of FDI in India



127. What was the ratio of investment in 1997 over the investment in 1992?

- a) 5.50
- b) 5.36
- c) 5.64
- d) 5.75

128. What was the absolute difference in the FDI to India between 1996 and 1997?

- a) 7.29
- b) 7.13
- c) 8.13
- d) None of these



129. If FDI from OPEC countries was proportionately the same in 1992 and 1997 as the total FDI from all over the world and if the FDI in 1992 from the OPEC countries was Euro 2 million, what was the amount of FDI from the OPEC countries in 1997?

- a) 11
- b) 10.72
- c) 11.28
- d) 11.5

130. Which year exhibited the highest growth in FDI in India over the period shown?

- a) 1993
- b) 1994
- c) 1995
- d) 1996

131. What was India's total FDI for the period shown in the figure?

- a) 93.82
- b) 93.22
- c) 93.19
- d) None of these

**Direction (for Q.No.132-135):**

A good way to figure out the relationship in a given question is to make up a sentence that describes the relationship between the first two words. Then, try to use the same sentence to find out which of the answer choices completes the same relationship with the third word.

132. Optimist is to cheerful as pessimist is to

- a) gloomy
- b) mean
- c) petty
- d) helpful

133. Sponge is to porous as rubber is to

- a) massive
- b) solid
- c) elastic
- d) inflexible

134. Embarrassed is to humiliated as frightened is to

- a) terrified
- b) agitated
- c) courageous
- d) reckless

135. Elated is to despondent as enlightened is to

- a) aware
- b) ignorant
- c) miserable
- d) tolerant

**Direction (for Q.No. 136-140):**

**Three of the words will be in the same classification, the remaining one will not be. Your answer will be the one word that does NOT belong in the same classification as the others.**

136.

- a) Inch
- b) Ounce
- c) Centimeter
- d) Yard

137.

- a) Cornea
- b) Retina
- c) Pupil
- d) Vision

138.

- a) Noun
- b) Preposition
- c) Punctuation
- d) Adverb

139.

- a) Tall
- b) Huge
- c) Thin
- d) Sharp

140.

- a) Triangle
- b) Circle
- c) Oval
- d) Sphere