97. A man bought a horse and a carriage for Rs. 3000. He sold the horse at a gain of 20% and the carriage at a loss of 10%, thereby gaining 2% on the whole. Find the cost of the horse.

a) 2200
b) 1800
c) 1200
d) 1000

98. In a class of 120 students numbered 1 to 120, all even numbered students opt for Physics, whose numbers are divisible by 5 opt for Chemistry and those whose numbers are divisible by 7 opt for Maths. How many students opt for none of the three subjects?

a) 19
b) 41
c) 21
d) 26

99. When a plot is sold for Rs.18, 700, the owner loses 15%.At what price must that plot be sold in order to gain 15%?

a) Rs.21,000
b) Rs.22,500
c) Rs.25,300
d) Rs.25,800

100. A vendor bought toffees at 6 for a rupee. How many for a rupee must he sell to gain 20%?

a) 3
b) 4
c) 5
d) 6

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

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

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

106.

EⅢE | ⅢⅢⅢ | EⅢE | Ⅲ ? Ⅲ

_____

Ⅲ   E   Ⅲ   Ⅎ

(1)   (2)   (3)   (4)

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

107.

△□△ | □○□ | ○◇○ | ◇□ ?

_____

◇   □   ○   △

(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.

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

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

28

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.
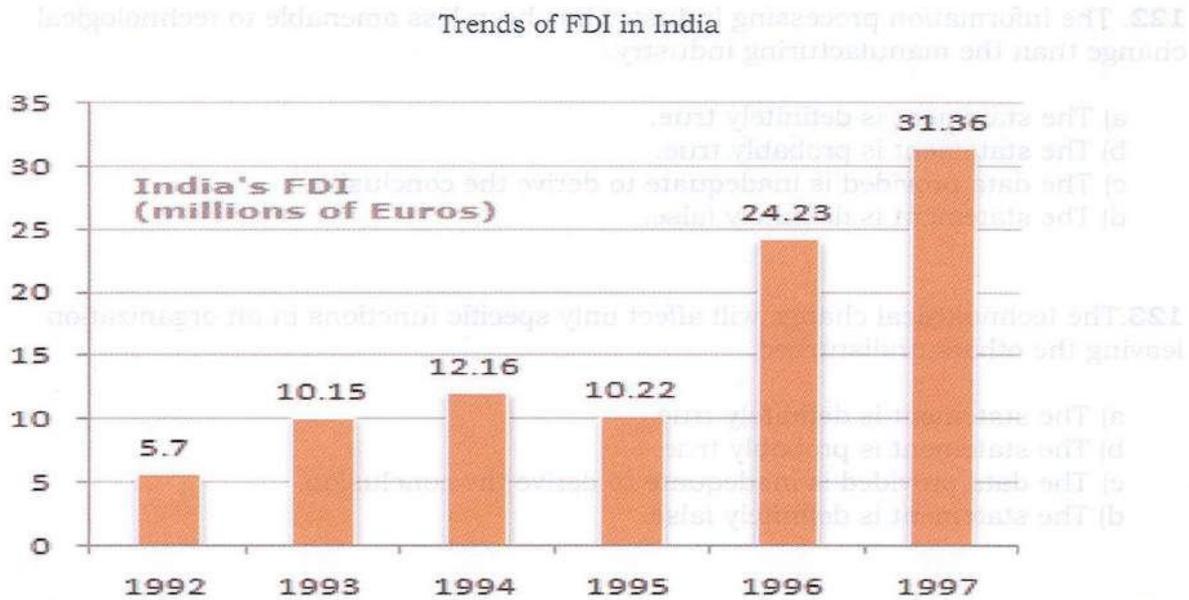
125. Technological change has already set in.

    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

India's FDI (millions of Euros)

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

141. Entomology is the science that studies

   a) The origin and history of technical and scientific terms
   b) Behavior of human beings
   c) Insects
   d) The formation of rocks

142. Guru Gopinath was an exponent of

   a) Kuchipudi
   b) Bharatnatyam
   c) Kathakali
   d) Music

143. Fathometer is used to measure

   a) Rainfall
   b) Ocean depth
   c) Sound intensity
   d) Earthquakes

144. The International Date Line is

   a) Equator
   b) 0° longitude
   c) 90° east longitude
   d) 180° longitude

145. Which of the following is the chief occupation of Brazilians?

   a) Producing Coffee
   b) Sugar Production
   c) Mining
   d) Sheep rearing

146. Gilt-edged market means

   a) bullion market
   b) market of government securities
   c) market of guns
   d) market of pure metals

147. Who among the following is a social activist campaigning against child labour?

a) Baba Amte
b) Shabana Amzi
c) Mira Nair
d) Swami Agnivesh

148. Whose former colony was Diu?

a) Portuguese
b) French
c) Dutch
d) English

149. The fundamental rights of Indian constitution are enshrined in

a) The preamble
b) Part III of the constitution
c) Part IV of the constitution
d) Part IV A of the constitution

150. The Central Board of Excise and Customs (CBEC) has recently announced that _____ will be observed as GST Day

a) 1st June
b) 30th June
c) 1st July
d) 1st March

151. Bharat Ratna was awarded to Dr.A.P.J.Abdul Kalam during the year

a) 1995
b) 1997
c) 1999
d) 2000

152. Jnanpith award winner in 2017 was:

a) Krishna Sobti
b) Bhalchandra Nemade
c) Raghuveer Chaudhari
d) Shankha Ghosh

153. Which football player surpasses Lionel Messi for most goals in 2017?

a) Harry Kane
b) Cristiano Ronaldo
c) Robert Lewandowski
d) Edinson Cavani

154. Anupam Shrivastava is the Chairman and Managing Director of which telecommunication company?

a) Airtel
b) BSNL
c) Idea
d) Vodafone

155. BSNL set to launch 4G services in which state in January 2018?

a) Kerala
b) Odisha
c) Tamil Nadu
d) Karnataka

156. All police stations in _____ will maintain a Face book account and a Twitter handle from 2018 to communicate with people on a daily basis

a) Andra Pradesh
b) Telangana
c) Maharashtra
d) Tamil Nadu

157. Which state has emerged as the second state in the Northeast, after Sikkim, to be declared Open Defecation Free?

a) Maharashtra
b) Manipur
c) Nagaland
d) Arunachal Pradesh

158. Sophia, the world's first robot to be granted citizenship, made its first appearance in India during an annual festival at _____

a) IIT-Bombay
b) IIT-Kharagpur
c) IIT-New Delhi
d) IIT-Chennai

159. Indian chess champion Viswanathan Anand clinched a _____ medal at the World Blitz Chess Championship in Riyadh

a) Gold
b) Silver
c) Bronze
d) None of these

160. _____ has announced its plans to launch an incubator for startups with the . aim of building and sharing technology solutions among developers in India

a) Google
b) Facebook
c) Microsoft
d) Paytm

161. The government has revealed that _____ crore has been raised through its Bharat 22 Exchange Traded Fund (ETF)

a) 10500
b) 12500
c) 14500
d) 20500

162. Professor Malcolm Adiseshaih had earned worldwide distinction in which of the . fields?

a) Literature
b) Defence
c) Economics
d) Medicine

163. Which country has successfully launched remote sensing satellites to conduct electromagnetic environmental probes recently?

a) India
b) Japan
c) China
d) USA

164. Visa on October 10, 2017, signed an agreement with which State government to boost digital payments?

a) Karnataka
b) Maharashtra
c) Punjab
d) Andhra Pradesh

165. Who inaugurated the 3rd International Conference on Yoga in New Delhi?

   a) Shri Venkaiah Naidu
   b) Shri Narendra Modi
   c) Shri Vijay Prakash
   d) Shri Arun Jaitley

166. Name the country that qualified for the FIFA World Cup for the first time in history.

   a) Ireland
   b) Iceland
   c) Serbia
   d) Austria

167. Which of the following has been named as India's best FMCG company in the food sector by the International Advertising Association (IAA)?

   a) Patanjali Ayurved
   b) Nestle India
   c) Amul
   d) Dabur India

168. Who has been appointed as the Chairman and CEO of Pepsico India?

   a) D Shivakumar
   b) Saurabh Kumar
   c) Ahmed El Sheikh
   d) Anshul Verma

169. The Indian government on October 10, 2017, announced to setup units in post offices for processing _____.

   a) Aadhar card
   b) Passport
   c) PAN card
   d) Driver's license

170. Which company is to set up electric car battery plant in India by the year 2030?

   a) Honda
   b) Mahindra
   c) Ashok Leyland
   d) Larsen and Toubro

171. Which of the following buys smart camera and doorbell startup Blink?

   a) Ebay
   b) SNAPDEAL
   c) Flipkart
   d) Amazon

172. Which network plans to buy Millicoms Operations in Rwanda?

   a) Reliance Jio
   b) Idea
   c) Bharti Airtel
   d) Vodafone

173. Which institute inks MoU with the National Skill Development Corporation
   (NSDC) for conducting data analytics and impact evaluation studies in the skills
   ecosystem?

   a) Charles Sturt University
   b) Western Sydney University
   c) Macquarie University
   d) Deakin University

174. IRCTC Rail connect and this company made a partnership for ticket bookings.

   a) Freecharge
   b) Airtel Payment
   c) MobiKwik
   d) Paytm

175. Which company became the world's most valuable brand in Interbrand 2017?

   a) Amazon
   b) Google
   c) Apple
   d) Adobe

176. Which company signed MoU with IISc to enhance infrastructure and broaden
   research activities?

   a) Google
   b) IBM
   c) Infosys
   d) TCS

177. Which airways launched 'Fly Now Pay Later' scheme recently?

   a) Singapore Airlines
   b) Kenya Airways
   c) Etihad Airways
   d) Emirates

178. Which of the following ties up with Amazon for Ayurveda Marketplace?

   a) Dabur India
   b) Emami
   c) Pathanjali
   d) Himalaya

179. Which of the following company launched its first dual camera phone, the Eluga Ray 500?

   a) Samsung
   b) Panasonic
   c) Lenovo
   d) Micromax

180. Which Airways becomes the World's First Airline to launch Double beds in Business Class?

   a) Qatar Airways
   b) Singapore Airlines
   c) Etihad Airways
   d) ANA All Nippon Airways

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