Directions (Questions 74 - 77): Study the graph to answer these questions.
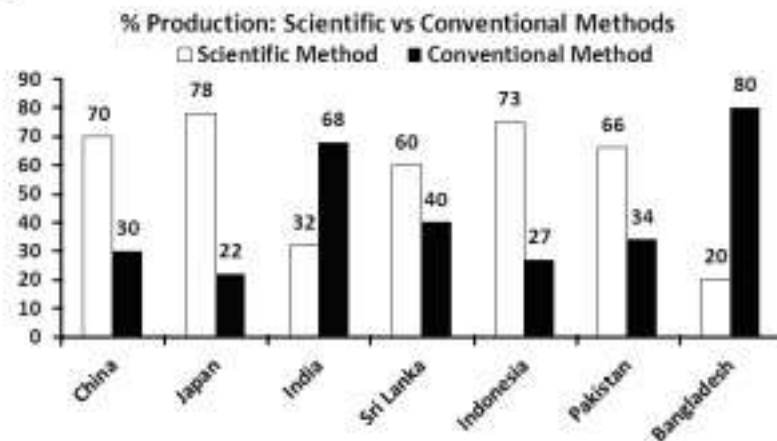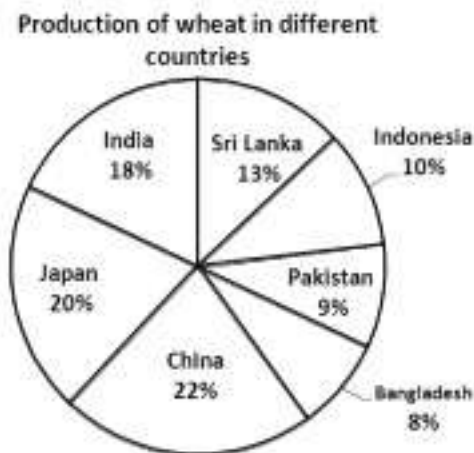
Total wheat production in all the countries = 50 lakh tons.

Production of wheat in different countries

- India 18%
- Sri Lanka 13%
- Indonesia 10%
- Japan 20%
- Pakistan 9%
- China 22%
- Bangladesh 8%

% Production: Scientific vs Conventional Methods
□ Scientific Method ■ Conventional Method

Country	Scientific	Conventional
China	70	30
Japan	78	22
India	32	68
Sri Lanka	60	40
Indonesia	73	27
Pakistan	66	34
Bangladesh	20	80

74. What is the difference between the production (in tons) by scientific method and conventional method in Indonesia?

(1) 2.3 lakh tons (2) 2.5 lakh tons (3) 2.8 lakh tons (4) 3 lakh tons

75. What is the average production of wheat (in tons) by scientific method for all the countries?

(1) 3.1 lakh (2) 2.6 lakh (3) 4.24 lakh (4) 3.7 lakh

76. What is the ratio of production by conventional method in Pakistan to that of scientific method in Japan?

(1) $\dfrac{9}{40}$ (2) $\dfrac{51}{260}$ (3) $\dfrac{99}{260}$ (4) $\dfrac{48}{77}$

77. The production by scientific method in China is approximately what percent greater than the production by conventional method in Bangladesh?

(1) 130% (2) 135% (3) 150% (4) 140%

78. A circular apple pie with a circumference of 18" is cut into 9 equal slices. The slices are all cut starting at the center of the pie out to the edge of the crust.

    A. The length of the arc formed by the crust of one slice at its outer edge

    B. 1.5"

79. 70% of the students enrolled in a chemistry class passed the final exam.

    A. The ratio of those who failed to those passed.

    B. 3/5.

80. A bag contains 6 blue marbles and 8 red marbles. Two marbles are selected at random, with the first selected marble being replaced in the bag before the second marble is drawn.

    A. Probability of drawing a red followed by a blue marble.

    B. Probability of drawing a blue followed by a red marble.

81. Two men and two women are playing cards and are seated around a square table in the East, West, North and South directions of the table but not necessarily in this order. No woman is facing East. Also, persons sitting opposite to each other should also be not of the same gender. One man is facing south. Which directions are the women facing?

    (1) East and West

    (2) South and East

    (3) North and west

    (4) North and South

82. Read the following information to answer the question.

    A, B, C, D, E, F and G are seven members of a family. Each one of them has a different profession-doctor, teacher, lawyer, engineer, architect, CA and banker and their incomes are different. There are two married couples in the group. C is the doctor and earns more than the engineer and the lawyer. E is married to the CA and she earns the least. No lady is either lawyer or engineer. B, the teacher, earns less than A, the banker. G is married to B and he earns more than D and A. F is not the lawyer. The CA earns less than the lawyer but more than the banker. At least how many male members are there in the family?

    (1) 3   (2) 4   (3) 2   (4) 5

83. Ram starts from his house on cycle and goes 10 km towards North-East. He turns to the left and cycles 8 km, then he turns towards South-East and cycles for another 10 km. Finally, he turns towards his house. Using the data given in the above question, if Ram is cycling at the speed of 16 km/hour, how much time does he take to come back home?

    (1) 2 hours 15 minutes

    (2) 2 hours 25 minutes

    (3) 2 hours 30 minutes

    (4) 2 hours 45 minutes

84. Aarti, Bhoomi, Chunariya, Damyanti, Imli, Faulad and Ganeshi are seven friends sitting in a circle, facing the centre. Imli is in the neighbourhood of Damyanti and Aarti and seated between them. The person between Faulad and Chunariya is not Ganeshi. Faulad is to the immediate right of Aarti. Ganeshi and Aarti are seated opposite to each other. Who are the neighbours of Bhoomi?

    (1) Ganeshi and Aarti   (2) Imli and Faulad

    (3) Chunariya and Damyanti   (4) Faulad and Chunariya

85. X and Y start moving towards each other from two places which are 240 metres apart on the same road. After walking 60 metres, X turns left and goes 20 metres, then he turns to the right and goes another 40 metres. He then turns right and comes back to the same road on which he had started walking. If X and Y start with the same speed, what would be the distance between them now?

    (1) 40 metres   (2) 60 metres   (3) zero metre   (4) 20 metres

86. Six persons namely Akanksha, Bhairvi, Chandrika, Damyanti, Imarti and Phoolan are sitting on the ground in a hexagonal shape. All the sides of the hexagon so formed are equal in length. Akanksha is not adjacent to Bhairvi or Chandrika. Damyanti is not adjacent to Chandrika or Imarti. Bhairvi and Chandrika are adjacent. Phoolan is in the middle of Damyanti and Chandrika. Akanksha is closest to Damyanti. If one neighbour of Akanksha is Damyanti, who is the other neighbour?

    (1) Bhairvi   (2) Phoolan   (3) Imarti   (4) Chandrika

Directions (Questions 87-91): The questions given below have a statement followed by two conclusions I and II. Consider the statement and the following conclusions. Decide which of the conclusions follows from the statement. Mark answer as

    (1) if conclusion I follows

    (2) if conclusion II follows

    (3) if neither conclusion follows

    (4) if both conclusions follow

87. **Statement:** According to a recent report a glass of wine daily for women with breast cancer could boost the success rate of treatment.

Conclusions:

I   Women taking a glass of wine daily will never suffer from breast cancer.

II   A glass of wine will cure the women suffering from breast cancer.

88. **Statement:** National integration is necessary because there are diversities in India.

Conclusions:

I   India is a country of people with diverse cultures, different languages and different social and economic set-ups.

II   Ours is a disintegrated nation.

89. **Statement:** A Brahmin priest is expected to be able to recite at least one of the Vedas.

Conclusions:

I   Any person who can recite the Vedas is a Brahmin.

II   Reciting the Vedas is a Brahmin's obligation.

90. **Statement:** According to a prediction our planet would not be able to support the human population for long as population grows at geometric rate while food supply grows at arithmetic rate.

Conclusions:

I   Unchecked growth in population is going to put strain on our food supply.

II   Earth is facing the threats of famine in future due to growing population.

91. **Statement:** A real friend is one who walks in when the rest of the world walks out.

Conclusions:

I   A true friend stays with us through rough weather while the fair weather friends leave us in the lurch.

II   Adversity is the test of true friendship.

Directions (Questions 92-94): Study the information below to answer these questions.

Five female friends namely Tulsi, Sunanda, Nalini, Arushi and Prerna and five male friends namely Atul, Karan, Pran, Sudarshan and Tarun sat together on the two sides of a rectangular table for a quiz competition. Females sat alternatingly with and opposite to male members. Sudarshan sat in a central position. Arushi sat opposite to Atul. Sunanda sat next to the right of Sudarshan and at fourth place from Atul. Prerna sat to the left of Arushi at the extreme end. Nalini sat two places from Sunanda to her left and Pran sat opposite to Sunanda. Karan was seated three places from Prerna to her right.

92. Who sat opposite to Sudarshan?

  (1) Sunanda   (2) Tulsi   (3) Nalini   (4) Prerna

93. Who sat opposite to Tarun?

(1) Nalini   (2) Arushi   (3) Tulsi   (4) Prerna

94. Which pair is occupying diagonally opposite ends?

(1) Tarun and Arushi   (2) Tarun and Prerna

(3) Tulsi and Atul   (4) Arushi and Prerna

Directions (Questions 95-97): Study the information below to answer these questions.

Delhi is known for specialty hospitals, where highly specialized doctors are available with modern technical medical gadgets aided by special computers. Patients with complicated ailments come from far and near for treatment. Some of these hospitals have performed extra-ordinary surgical operations. As the cost of treatment and surgical operations are cheaper in India than in western countries, patients come to India for treatment.

A few seriously sick patients were asked to opt for hospitals they would like to be treated in. Their order of preferences was as follows:

- Patient A: Gangaram, AIIMS, Apollo & Escorts
- Patient B: Batra, Research and Referral (R&R), Apollo & Safdarjung
- Patient C: Holy Family, Apollo, AIIMS & Batra
- Patient D: R&R, Gangaram, Safdarjung & Escorts.
- Patient E: Safdarjung, Holy Family, Batra & AIIMS

95. Who does not like to go to Gangaram and Apollo but prefers AIIMS and Safdarjung Hospital?

(1) E   (2) D   (3) C   (4) B

96. Which pair is keen for Research and Referral (R&R) and Safdarjung but not for Holy Family and AIIMS?

(1) A and B   (2) B and D   (3) C and E   (4) D and E

97. Which pair prefers AIIMS and Apollo but not R&R and Safdarjung?

(1) B and C   (2) C and D   (3) A and C   (4) A and E

Directions (Questions 98-100): Study the information below to answer these questions.

Seven persons namely Prem, Tirkey, Madan, Jagan, Virendar, Raghubir and Waris are good friends and are studying in MBA, Engineering and medical courses. Three are doing MBA course, two are in engineering course and another two are in medical course. Each of them has a very distinct and favourite colour choice ranging from Blue, Red, Yellow, White, Black, Pink and Brown but not necessarily in the same order. None doing MBA likes either red or black. Madan is doing engineering and he likes blue. Raghubir is doing medical and likes brown. Jagan is doing MBA and likes yellow. Prem who does not like red is in the same discipline of Raghubir. Tirkey is in the same discipline of Madan. Virender does not like pink.

98. Which of the following groups is doing MBA?

    (1) Jagan, Raghubir, Madan   (2) Virendar, Waris, Tirkey

    (3) Jagan, Virender, Waris   (4) Jagan, prem, Raghubir

99. What is the colour- combination choice of those who are in medical discipline?

    (1) Brown and pink   (2) Black and white

    (3) Black and brown   (4) Yellow and black

100. Which colour does Virendar like?

    (1) Yellow   (2) Pink   (3) White   (4) Brown

Directions (Questions 101-103): Study the information below to answer these questions.

L, M, N, O, P are five important cities of our country out of which, three are industrial cities, two are port cities, one is a hill station and three cities have a university each. Every hill city has a university but has no port. 'O' is not a port city. No port city has a university. 'M' is a port city. Two industrial cities have universities and 'N' and 'O' are not industrial cities. The industrial cities with universities don't have ports. None of the industrial cities is a hill station. 'O' is a hill station and 'P' has a university.

101. Which city has industries as well as a port but does not have a university?

    (1) L and O   (2) O and M   (3) M   (4) N

102. Which city has neither industries nor a university nor a hill station?

    (1) M   (2) N   (3) L   (4) P

103. Which two cities have ports?

    (1) L and M   (2) M and N   (3) N and O   (4) N and P

Directions (Questions 104-111): Each of these questions has a statement based on the preceding passage. Evaluate each statement and mark answer as

    (1) if the statement is a Major Objective in making the decision: one of the goals sought by the decision maker.

    (2) if the statement is a Major Factor in making the decision: an aspect of the problem, specifically mentioned in the passage, which fundamentally affects and/or determines the decision.

    (3) if the statement is a Minor Factor in making the decision: a less important element bearing on or affecting a Major Factor, rather than a Major Objective directly.

    (4) if the statement is a Major Assumption in making the decision: a projection or supposition arrived at by the decision maker before considering the factor and alternative.

Passage-I

Britannia Industries has seen its margins rise in the current fiscal despite rising costs of inputs, according to a top company official. The company hopes to improve its margins further in the last quarter through a tight leash on costs and if necessary, by increasing product prices. "We had operating margins of 4.3 per cent last year. We have already posted relatively higher margins so far during this year. We intend to grow it further, through a combination of cost control measures and also by passing on the effect of price hike to the consumers to some extent if necessary," the category director (health and wellness), Britannia, told newspersons here on Saturday. Britannia has hiked prices of its products across various categories by about 6 per cent over the last nine months. While the hike has been steeper to the tune of 8-10 per cent on premium category biscuits, it has been 4-5 per cent in the staple line. "We will try to hold prices at current levels. However, even if we have to raise it, then the hike will be much less than what has happened so far." Britannia holds about 33 per cent share in the total biscuits market in the country pegged at ₹ 15,000 crore. The company's health and wellness segment accounts for almost 50 per cent of its total turnover which stood at ₹ 4,600 crore as on March 31, 2011. The adult health category accounts for a mere 3 per cent of the total health and wellness segment of the company at present.

104. The increase in prices would be less than before.

105. Ending the current financial year with higher margins.

106. The fact that higher margins have already been posted in the first three quarters of the year.

107. Britannia had operating margins of 4.3 per cent last year.

Passage–II

Tanzifco, a cleaning company in Kuwait and the Gulf, is entering India by undertaking cleaning and waste management contracts. The company has floated a separate entity- Tanzifco Cleaning and Waste Management Services Pvt. Ltd. - in which 70 per cent will be held by Tanzifco and 30 per cent by a few Indian private players. The chairman of Tanzifco said his company was scouting for waste management contracts in various cities and towns. Besides waste management, it plans to take up cleaning contracts in hospitals, hotels, malls and IT buildings. At present, Tanzifco is in talks with authorities for maintenance of Hyderabad and Delhi airports. The company has trained professionals for undertaking cleaning of glass claddings used in high-rise buildings. It also trades in high quality cleaning agents, he added. Tanzifco, he said, was one of the cleaning companies which were awarded a multi-million dinar (Kuwait currency) contract by the Kuwait Municipality for waste management services for 5 years. The group now employs more than 30,000 people across the region with operations in Kuwait, Qatar, Dubai, Abu Dhabi, Al Ain, Bahrain, Egypt and Oman. The group's total turnover is about $200 million.

108. Cleaning and maintenance requirements of Hyderabad and Delhi airports.

109. The company has trained professionals for undertaking cleaning of glass claddings in high-rise buildings.

110. Expanding Tanzifco's operations into India.

111. Tanzifco would replicate its success of Kuwait and the Gulf, in India also.

Directions (Questions 112 - 115): Each of these questions consists of a statement followed by two courses of action numbered I and II. Mark answer as

    (1) if only course of action I follows.

    (2) if only course of action II follows.

    (3) if either course of action I or II follows.

    (4) if neither course of action I nor II follows.

112. **Statements :** Every year a large number of devotees die due to severe cold on their way to the shrine located at the top of the mountain range.

    Courses of action

    I.   The devotees should be discouraged to visit the shrine without having proper warm clothes and other amenities.

    II. The government should provide warm clothes and shelter to all the devotees visiting the shrine.

113. **Statements :** Many medical and engineering graduates are taking up jobs in administrative services and in banks.

    Courses of action

    I.   All the professionals should be advised to refrain from taking up such jobs.

    II. The government should appoint a committee to find out the reasons for these professionals taking up such jobs and to suggest remedial measures.

114. **Statements :** A large number of students have been caught using unfair means during the final year degree examination.

    Courses of action

    I.   All these students should permanently be debarred from appearing for any examination conducted by the authority.

    II. The guardians of these students should be called by the authority to inform them that any such behavior in future will not be tolerated.

115. **Statements :** Many villages in the district are washed away by the flood water rendering all the villagers homeless.

Courses of action

I. The district administration should immediately send a relief team with food and other supplies to the affected areas.

II. The people living in the neighbouring villages should be evacuated to safer places.

Directions (Questions 116 - 118): Each question is followed by arguments numbered I and II. Mark answer as

(1) if only argument I is strong.

(2) if only argument II is strong.

(3) if either argument I or II is strong.

(4) if neither argument I nor II is strong.

116. Should the tenure of the President be longer?

Arguments

I. No, the President of India is non-executive head. Therefore, there is no need to extend his tenure.

II. Yes, it will provide an opportunity to President to guide the Government to fulfill the long term objectives.

117. Should all the infrastructural development projects in India be handed over to the private sector?

Arguments

I. No, the private sector entities are not equipped to handle such projects.

II. Yes, such projects are handled by private sector in the developing countries.

118. Should there be differential rate of income tax for different income levels?

Arguments

I. Yes, this is justified and those who earn less will be required to pay lower rate of tax in comparison to those who earn more.

II. No, this goes against the basic principle of equality among all the tax payers.

Directions (Questions 119-120): Choose the odd word out.

119. (1) physics   (2) chemistry   (3) geography   (4) botany

120. (1) hostel   (2) hotel   (3) inn   (4) club

121. According to World Bank estimates announced in January 2013, India's economy could expand in 2013 by around

    (1) 6 per cent.

    (2) 6.8 per cent.

    (3) 7.8 per cent.

    (4) 8 per cent.

122. Ad line 'Good people to bank with' is linked with which bank?

    (1) Bank of India

    (2) Allahabad Bank

    (3) Indian Bank

    (4) Union Bank of India

123. IRDA stands for

    (1) Indian Rural Development Authority.

    (2) Insurance Regulations and Development Authority.

    (3) Insurance Rules and Deciding Authority.

    (4) Insurance Regulatory Development Authority.

124. Which of the following is the largest district of Gujarat state?

    (1) Jamnagar

    (2) Ahmadabad

    (3) Kutch

    (4) Bhavnagar

125. Kudankulam nuclear power plant in Tamil Nadu has been built in collaboration of which country?

    (1) Russia

    (2) France

    (3) Australia

    (4) Japan

126. The Indian government launched the first phase of Direct (Cash) Benefit Transfer (DBT) scheme on

    (1) 26 Jan 2012.

    (2) 15 Aug 2012.

    (3) 01 Jan 2013.

    (4) 25 Dec 2012.

127. Tata Institute of Fundamental Research is located at which place?

    (1) Hyderabad

    (2) Ahmedabad

    (3) Bangalore

    (4) Mumbai

128. The High Court of Uttrakhand is located at

   (1) Dehradun.
   (2) Nainital.
   (3) Pauri.
   (4) Hardwar.

129. _____ was the chief guest at India's 64th Republic Day Parade.

   (1) Qaboos Said bin Said- Sultan of Oman
   (2) Jigme Khesar Namgyel Wangchuck-King of Bhutan
   (3) Abdullah bin Abdulaziz al-Saud-King of Saudi Arabia
   (4) None of these

130. In January 2013, President's rule has been imposed in which state of India?

   (1) Manipur
   (2) Jharkhand
   (3) Nagaland
   (4) Chhattisgarh

131. The Indian railway ministry has hiked the fares of all classes in January 2013 to generate _____ crore a year.

   (1) ₹ 6,600
   (2) ₹ 5,500
   (3) ₹ 4,000
   (4) ₹ 7,800

132. Headquarters of SEBI is located at

   (1) Delhi
   (2) Bangalore
   (3) Mumbai
   (4) Hyderabad

133. Tourism Board of which state has the punch line as 'Full of Surprises'?

   (1) Jharkhand
   (2) Delhi
   (3) Karnataka
   (4) Chattisgarh

134. Allen Solly is a brand of apperal from which business house?

   (1) Lalbhai Group
   (2) Aditya Birla Group
   (3) Reliance Group
   (4) None of these

135. 'Servo lubricants' have been launched by which of the following oil companies?

   (1) Bharat Petroleum
   (2) Indian Oil
   (3) Hindustan Petroleum
   (4) Reliance Petroleum

136. Which company has recently launched two motorcycle models called Pantero and Centuro?

   (1) Yamaha
   (2) TVS
   (3) Suzuki
   (4) Mahindra and Mahindra

137. 'Inspire the Next' is the punch line of which company?

(1) Lenovo

(2) Dell

(3) Hitachi

(4) Sony

138. Gail India Ltd. has announced in January 2013, the commissioning of an LNG (Liquified Natural Gas) terminal at

(1) Dabhol, Ratnagiri (Maharashtra).

(2) Dahej, Gujarat.

(3) Hazira, Gujarat.

(4) Kochi, Kerala.

139. Which Indian has become the President of 'Dell Services' and also the part of Dell's global executive leadership team?

(1) Shantanu Narayan

(2) V K Mathews

(3) Ranjit Shahani

(4) Suresh Vaswani

140. Who has been appointed as the Chairman and Managing Director (CMD) of Bank of Baroda?

(1) Raj Kumar Goyal

(2) S S Mundra

(3) R K Dubey

(4) None of these

141. Vancouver is ranked as one of the most 'livable cities' worldwide and is also a beautiful tourist destination located in

(1) USA

(2) France

(3) England

(4) Canada

142. Which of the following is an Italian Car maker?

(1) Volkswagen

(2) BMW

(3) Fiat

(4) Audi

143. Which Indian business group has brought UK's pioneer retail brand 'Super Dry' to India recently?

(1) Godrej Group

(2) Tata group

(3) Reliance Industries

(4) None of these

144. Starbucks, the iconic Cafe brand has recently opened its first store in which city of India?

(1) Delhi

(2) Kolkata

(3) Bangalore

(4) Mumbai

145. Music album 'Gangnam Style' became the biggest internet sensation during 2012. It was released by the musician Psy. Which country he belongs to?

(1) Indonesia
(2) China
(3) South Korea
(4) Japan

146. Elle is a well known life style brand launched by Lagardere Active Group belongs to

(1) France
(2) Italy
(3) USA
(4) Australia

147. Which of the following is/are car model(s) from French car maker 'Renault'?

(1) Scala
(2) Fluence
(3) Pulse
(4) All these

148. Eric Sehmidt is presently the Chairman of which organization?

(1) Hotmail
(2) Google
(3) Microsoft
(4) None of these

149. 'Make Believe' is the punch line of which MNC?

(1) Phillips
(2) Panasonic
(3) Sony
(4) Toshiba

150. Who won the best female actor award in 70th annual Golden Globe Awards organized in January 2013?

(1) Jessica Alba
(2) Halle Berry
(3) Jessica Chastain
(4) Anne Hathaway

151. 'Harley Davidson' is a globally enduring brand icon of which automobile industry?

(1) Sports Car
(2) Bus
(3) Truck
(4) Motor Cycle

152. Which of the following is the correct sequence in terms of east flowing rivers from North to South in India?

(1) Mahanadi, Godavari, Krishna, Pennar, Kaveri
(2) Mahanadi, Krishna, Godavari, Pennar, Kaveri
(3) Mahanadi, Godavari, Krishna, Kaveri, Pennar
(4) Mahanadi, Krishna, Godavari, Pennar, Kaveri

153. The full form of SIM is

    (1) Subscriber's Identity Module

    (2) Subscriber's Identity Machine

    (3) Self Identity Machine

    (4) Self Identity Module

154. Match List-I with List-II and select the correct answer from the codes given below the lists

List-I		List-II	
(Newspaper)		(Language)	
A	Bharat Mitra	I	Bengali
B	Rashtramata	II	Gujarati
C	Prajamitra	III	Hindi
D	Nayak	IV	Marathi

	A	B	C	D
(1)	I	II	IV	III
(2)	II	III	I	IV
(3)	III	IV	II	I
(4)	IV	I	III	II

155. Which of the following is correctly matched?

	Lakes		Locations
(1)	Lonar	-	Madhya Pradesh
(2)	Nakki	-	Gujarat
(3)	Kolleru	-	Andhra Pradesh
(4)	Pulicat	-	Kerala

156. Which one of the following is not correctly matched?

    (1) Nangal Dam - Satluj River

    (2) Sardar Sarovar Project - Narmada River

    (3) Nagarjun Sagar - Godavari River

    (4) Hirakud Dam - Mahanadi

157. Indian Parliament consists of

    (1) Lok Sabha and Rajya Sabha

    (2) Lok Sabha, Rajya Sabha and Prime Minister

    (3) Speaker and Lok Sabha

158. Money Bill is introduced in

    (1) Lok Sabha   (2) Rajya Sabha

    (3) Joint sitting of both the Houses   (4) None of the above

159. Which among the following functions as a coordinator between the Planning Commission and State Governments?

    (1) National Integration Council

    (2) Finance Commission

    (3) National Development Council

    (4) None of the above

160. What is the tenure of the Chief Election Commissioner of India?

    (1) Five Years

    (2) During the pleasure of the President

    (3) Six years or till the age of 65 years whichever is earlier

    (4) Five Years or till the age of 65 years whichever is earlier?