

**SECTION 3: DATA SUFFICIENCY & LOGICAL REASONING
(40 QUESTIONS)**

Directions (Questions 101 —103): In each question below is given a statement followed by two conclusions numbered I and II. You have to assume everything in the statement to be true, then consider the two conclusions together and decide which of them logically follows beyond a reasonable doubt from the information given in the statement.

- a) if only conclusion I follows
- b) if only conclusion II follows
- c) if either I or II follows
- d) if neither I nor II follows,

101. Statements: The distance of 900 km by road between Bombay and Jafra will be reduced to 280 km by sea. This will lead to a saving of Rs. 7.92 crores per annum on fuel.

Conclusions:

- I. Transportation by sea is cheaper than that by road.
- II. Fuel must be saved to the greatest extent

102. Statements: In a one day cricket match, the total runs made by a team were 200. Out of these 160 runs were made by spinners.

Conclusions:

- I. 80% of the team consists of spinners.
- II. The opening batsmen were spinners.

103. Statements: All those political prisoners were released on bail who had gone to jail for reasons other than political dharnas. Bail was not granted to persons involved in murders.

Conclusions:

- I. No political - prisoner had committed murder.
- II. Some politicians were not arrested.

Directions (Questions 104-107): In each question below is given a statement followed by three courses of Action numbered I, II and III. You have to assume everything in the statement to be true, and then decide which of the four given suggested courses of action logically follows for pursuing.

104. Statement: The air and rail services have been severely disrupted due to thick fog in the northern part of the country.

Courses of Action:

- I. The rail and air services should be temporarily suspended in the region.
- II. People should be advised to make their travel plan keeping in mind the probable disruption resulting in delay or cancellation of services.
- III. The government should immediately install modern machines which will enable it to guide the rail and air services even if the thick fog develops.

- a) Only I & II follow
- b) Only II & III follow
- c) Only I follow
- d) All follow

105. Statement: There are more than 70,000 people stuck in various regions of Uttarakand because of damaged or blocked roads due to cloud burst.

Courses of Action:

- I. State Government should permit more resorts and hotels to cater more pilgrims for Developmental activities.
- II. The Government of India should undertake an aerial survey of the affected areas and has to provide aid package for disaster relief efforts.
- III. Mass evacuation of victims should be done to avoid epidemic disease.

- a) Only I & II follow
- b) Only II & III follow
- c) Only I follow
- d) All follow

106. Statement: Any further increase in the pollution level in the city by way of industrial effluents and automobile exhaustions would pose a severe threat to the inhabitants.

Courses of Action:

- I. All the factories in the city should immediately be closed down.
- II. The automobiles should not be allowed to ply on the road for more than four hours a day.
- III. The Government should restrict the issue of fresh licences to factories and automobiles.

- a) Only I & II follow
- b) Only II & III follow
- c) Only III follow
- d) All follow

107. Statement: The meteorological department has reported that a severe storm is likely to hit the city during the next forty-eight hours.

Courses of Action:

- I. The administration should advise all the business and educational establishments to close down for two days.
 - II. The administration should not make the information public as it could create panic among the residents of the city.
 - III. The administration should activate its disaster management program to tackle any possible emergency situation.
- a) Only I follow
 - b) Only I & II follow
 - c) Only I & III follow
 - d) Only II & III follow

Directions (108-110) Questions given below is followed by two arguments numbered I and II. You have to decide which of the arguments a 'strong' argument is and which a 'weak' argument is. Give your answer as

- a) if only argument I is strong;
- b) if only argument II is strong;
- c) if both I and II are strong;
- d) if neither I nor II is strong;

108.Statement: *Should government stop spending huge amounts of money on international sports?*

Arguments:

- I. *Yes. This money can be utilised for development of country.*
- II. *No. Sports-persons will be frustrated and will not get international exposure.*

109. Statement: Should all the drugs patented and manufactured in Western countries be first tried out on sample basis before giving licence for sale to general public in India?

Arguments:

- I. Yes. Many such drugs require different doses and duration for Indian population and hence it is necessary.
- II. No. This is just not feasible and hence cannot be implemented.

110. Statement: Should family planning be made compulsory in India?

Arguments:

- I. Yes. Looking to the miserable conditions in India, there is no other go.
- II. No. In India there are people of various religions and family planning is against the tenets of some of the religions.

Directions(111-113)In each question below is given a statement followed by two assumptions numbered I and II. Consider the statement and decide which of the given assumptions is implicit.

Give Answer:

- a) If only assumption I is implicit
- b) If only assumption II is implicit
- c) If both I and II are implicit
- d) If neither I nor II is implicit

111. Statement: The State government has decided to appoint four thousand primary school teachers during the next financial year.

Assumptions:

- I. There are enough schools in the state to accommodate four thousand additional primary school teachers.
- II. The eligible candidates may not be interested to apply as the government may not finally appoint such a large number of primary school teachers.

112. Statement: The party president has directed that no member of the party will give press briefing or interviews to governments and private T.V. channels about the discussion in scheduled meeting of the party.

Assumptions:

- I. Party members will observe this directive of the president.
- II. The general public will not come to know about the happenings in the scheduled meeting of the party.

113. Statement: In case of any difficulty about this case, you may contact our company's lawyer.

Assumptions:

- I. Each company has a lawyer of its own.
- II. The company's lawyer is thoroughly briefed about this case.

Directions (114-115) Each of the following questions contains a small paragraph followed by a question on it. Read each paragraph carefully and answer the question given below it.

114. There is a shift in our economy from a manufacturing to a service orientation. The increase in service-sector will require the managers to work more with people rather than with objects and things from the assembly line.

This passage best supports the statement that:

- a. Managers should have a balanced mind.
- b. Assembly line will exist in service organisations.
- c. Interpersonal skills will become more important in the future work place.
- d. Manufacturing organisations ignore importance of people.

115. The school has always been the most important means of transferring the wealth of tradition from one generation to the next. This applies today in an even higher degree than in former times for, through the modern development of economy, the family as bearer of tradition and education has become weakened.

This passage best supports the statement that for transferring the wealth of tradition from one generation to the next

- a. There are means other than the school.
- b. Several different sources must be tried.
- c. Modern technology must be put to use.
- d. Economic development plays a crucial role

Directions(116-120)Each of the questions below consists of a question and two statements numbered I and II given below it. You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and give answer

- a) If the data in statement I alone are sufficient to answer the question.
- b) If the data in statement II alone are sufficient to answer the question.
- c) If the data either in statement I alone or in statement II alone are sufficient to answer the question
- d) If the data given in both statements I and II together are sufficient to answer the question

116. Question: Among A, B, C, D and E, who is in the middle while standing in a row ?
Statements:

- I. C, who is third to the left of D, is to the immediate right of A and second to the left of E.
- II. C is second to the left of E, who is not at any of the ends and who is third to the right of A. D is at one of the ends.

117. Question: Mohan is elder than Kiran and Suresh is younger than Arvind. Who among them is the youngest?

Statements:

- I. Suresh is younger than Mohan.
- II. Arvind is younger than Kiran.

118. Question: Who among Sridhar, Nikhil, Vipin and Mukesh is the youngest?

Statements:

- I. Vipin is younger than Mukesh but older than Sridhar and Nikhil.
- II. Sridhar is older than Nikhil.

119. Question: What is the monthly Salary of Ashok?

Statements:

- I. Ashok gets 15% more than Sumit, while Sumit gets 10% less than Laxman
- II. Laxman's Monthly Salary is Rs. 20,000

120. Question: What day is the fourteenth of a given month?

Statements:

- I. The third Saturday of the month was seventeenth.
- II. The last day of the month is a Wednesday.

121. Look at this series: V, VIII, XI, XIV, __, XX, ... What number should fill the blank?

- a) IX
- b) XXIII
- c) XV
- d) XVII

Directions (122- 124) Look carefully for the pattern, and then choose the right answer.

122. 8 12 9 13 10 14 11

- a) 15 12
- b) 14 11
- c) 8 15
- d) 15 19

123. B_2CD , _____, BCD_4 , B_5CD , BC_6D

- a) B_2C_2D
- b) BC_3D
- c) B_2C_3D
- d) BCD_7

124. QAR, RAS, SAT, TAU, _____

- a) UAV
- b) UAT
- c) TAS
- d) TAT

125. Marathon is to race as hibernation is to

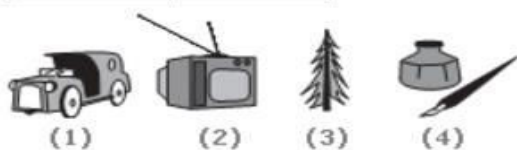
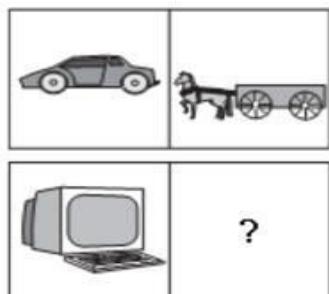
- a) winter
- b) bear
- c) dream
- d) sleep

126. Artist is to painting as senator is to

- a) attorney
- b) law
- c) politician
- d) constituents

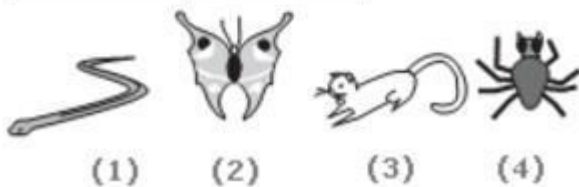
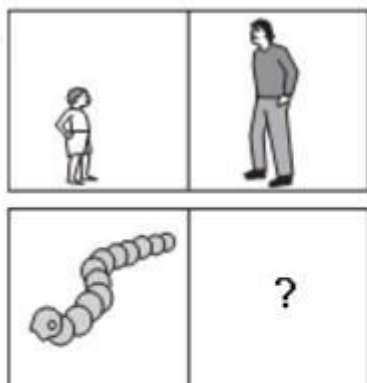
Directions (127-128) Choose the picture that would go in the empty box so that the two bottom pictures are related in the same way as the top two are related.

127.



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

128.



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

Directions (129-130) Read each definition and find the answer that provides the best example of the given definition.

129. Applying for **Seasonal Employment** occurs when a person requests to be considered for a job that is dependent on a particular season or time of year. Which situation below is the best example of Applying for Seasonal Employment?

- a) The ski instructors at Top of the Peak Ski School work from December through March.
- b) Mahantesh prefers jobs that allow him to work outdoors.
- c) Lavanya makes an appointment with the beach resort restaurant manager to interview for the summer waitressing position that was advertised in the newspaper.
- d) Darshan ice cream shop stays open until 11 p.m. during the summer months.

130. Establishing a **Power of Attorney** occurs when a legal document is created that gives one individual the authority to act for another. Which situation below is the best example of Establishing a Power of Attorney?

- a) Sagarika's mother can no longer get to the bank to cash her checks and make deposits, so she has taken legal steps to enable Sagarika to do these things for her.
- b) Lalitha is selling her house and she hires a lawyer to review the contract.
- c) Jagadish's father is elderly and Jack thinks he is no longer able to make decisions for himself.
- d) At her daughter's urging, Mrs. Laxmi opens up a retirement account with the local bank.

Directions (131-133): choose the word that is a necessary part of the given word.

131. Shoe

- a) sole
- b) leather
- c) laces
- d) walking

132. Provisions

- a) groceries
- b) supplies
- c) gear
- d) caterers

133. Town

- a) parks
- b) skyscrapers
- c) residents
- d) libraries

Directions (134-135): Choose the pair that best represents a similar relationship to the one expressed in the original pair of words.

134. MONK : DEVOTION

- a) maniac : pacifism
- b) explorer : contentment
- c) visionary : complacency
- d) rover : wanderlust

135. PROFESSOR : ERUDITE

- a) aviator : licensed
- b) inventor : imaginative
- c) procrastinator : conscientious
- d) overseer : wealthy

Directions (136 – 137) The words in the bottom row are related in the same way as the words in the top row. For each item, find the word that completes the bottom row of words.

136. palette easel brush
textbook lesson plan ?

- a) artist
- b) teacher
- c) report card
- d) paint

137. carpenter saw nails
paediatrician stethoscope ?

- a) thermometer
- b) baby
- c) doctor
- d) illness

138. Which word does NOT belong with the others?

- a) tape
- b) twine
- c) cord
- d) yarn

139. Which word does NOT belong with the others?

- a. wing
- b. fin
- c. beak
- d. rudder

Direction (140) Find the statement that must be true according to the given information.

140. On weekends, Mr. Sharma spends many hours working in his vegetable and flower gardens. Mrs. Sharma spends her free time reading and listening to classical music. Both Mr. Sharma and Mrs. Sharma like to cook.

- a) Mr. Sharma enjoys planting and growing vegetables.
- b) Mr. Sharma does not like classical music.
- c) Mrs. Sharma cooks the vegetables that Mr. Sanchez grows.
- d) Mrs. Sharma enjoys reading nineteenth century novels.