

POST GRADUATE PROGRAMME IN FASHION MANAGEMENT
PAPER – I - GENERAL ABILITY TEST

Time Allowed: 2 Hours
120

Max. Marks : 120

Total Questions: 120

This test comprises of the following sub-tests.

- (1) Quantitative Ability
 - (2) Communication Ability
 - (3) English Comprehension
 - (4) Analytical Ability
 - (5) General Knowledge and Current Affairs
 - (6) Thematic Apperception Test
- (i) Each question carries one mark.
 - (ii) Answers are required to be marked only on the OMR/ICR Answer-sheet, which will be provided separately.
 - (iii) For each question, four alternative answers have been provided out of which only one is correct. Darken the appropriate circle in the Answer-sheet by using Ball pen only on the best alternative amongst (a), (b), (c) or (d).

1. The LCM of $\frac{1}{2}$, $\frac{3}{7}$, $\frac{4}{5}$ and $\frac{5}{21}$ is:
(a) $\frac{1}{210}$ (b) 60 (c) $\frac{60}{210}$ (d) $\frac{210}{60}$
2. The difference between the greatest and smallest 6 digit numbers using 0, 1, 2, 3, 4, 5 digits all but once is:
(a) 440865 (b) 448065 (c) 445068 (d) 440568
3. A cyclist travels for 10 hours, the first half at 12 kmph and the rest at 10 kmph. The total distance traveled in km is:
(a) 120 (b) 98 (c) 109 (d) 126
4. The income having risen to 12%, Mr. X has to pay Rs. 640 more as income tax than when it was 8%. His income in Rs. is:
(a) 12000 (b) 14000 (c) 16000 (d) 18000
5. The area of the triangle with sides equal to 8, 15, and 24 in sq. units is:
(a) 96 (b) 112 (c) 176 (d) none of these
6. A mixture contains milk and water in the ratio 6:1 on adding 5 liters of water, the ratio of milk to water becomes 5:1. The quantity of milk in the original mixture is:
(a) 125 l (b) 150 l (c) 140 l (d) 160 l
7. Anand received Rs. 12000 as his share out of the total profit of Rs. 18000, which he and Kamal earned at the end of one year. If Anand invested Rs. 40000 for 6 months, whereas Kamal invested his amount for the whole year, what was the amount invested by Kamal?
(a) 10000 (b) 12000 (c) 15000 (d) 20000
8. 14 pumps of equal capacity can fill a tank in 6 days. If the tank has to be filled in 4 days, the number of extra pumps needed is:
(a) 21 (b) 14 (c) 7 (d) 10
9. If 6 men working 8 hours a day earn Rs. 840 per week, then 9 men working 6 hours a day will earn how much per week?
(a) 950 (b) 960 (c) 940 (d) 945
10. A man drives 200 km from Delhi to Mathura in 3 hours 40 mins and returns to Delhi in 4 hours 30 mins. Then average speed from Delhi to Mathura exceeds the average speed of the entire trip by:
(a) 5.5 kmph (b) 5 kmph (c) 4.5 kmph (d) 4 kmph

11. 11 times of a number is 132. The number is
 (a) 11 (b) 12 (c) 13 (d) 3420
12. If the difference between two numbers is 37 and their sum is 97, then their product is
 (a) 2010 (b) 1320 (c) 1680 (d) 3420
13. Two motorcyclists start from the same place in the opposite direction. One goes to North at 60 km/hr and other travels south at 70 km/hr. What time they will take to be 325 km apart?
 (a) $3\frac{1}{2}$ hrs (b) $1\frac{3}{4}$ hrs (c) $2\frac{1}{2}$ hrs (d) $4\frac{1}{4}$ hrs
14. P and Q can together do a piece of work in 20 days. Q alone can do it in 30 days. In how many days can P alone do it?
 (a) 50 (b) 70 (c) 90 (d) 60
15. A girl goes to school with a speed of 4 km /hr and returns to the village with a speed of 2 km/ hr. If he takes 6 hours in all, the distance between the village and the school is:
 (a) 6 (b) 8 (c) 7 (d) 9
16. If a carton containing a dozen eggs is dropped, which of the following cannot be the ratio of broken eggs mirrors to unbroken eggs?
 (a) 2 : 1 (b) 7 : 5 (c) 3 : 1 (d) 3 : 2
17. Sujan received Rs. 6000 as his share out of the total profit of Rs. 9000 which he and Ashok earned at the end of one year. If Sujan invested Rs. 20,000 for 6 months, where, Ashok invested his amount for the whole year. What was the amount invested by Ashok?
 (a) 5000 (b) 6000 (c) 7000 (d) 8000
18. Solve $64-28(8-9)-39 = x$.
 (a) -3 (b) 0 (c) 29 (d) 53
19. Fruit seller buys 12 dozen of bananas for Rs. 72/- and sells 144 bananas for Rs. 108. What is the percentage of profit he has incurred?
 (a) $33\frac{1}{3}\%$ (b) 25% (c) 50% (d) 100%
20. A boat is travelling upstream covering a distance of 10 Kms in 2 hours. The speed of the boat in m/min is
 (a) 5 (b) $16\frac{1}{3}$ (c) $83\frac{1}{3}$ (d) 120
21. The surface area of a cube is 1350 cm^2 . The length of its diagonal is,
 (a) $8\sqrt{3}$ (b) $15\sqrt{3}$ (c) $\frac{15}{\sqrt{3}}$ (d) $\frac{\sqrt{3}}{15}$
22. **How many times do the hands of a clock coincide a day?**
 (a) 24 (b) 22 (c) 20 (d) 26
23. Find the sum of all 2 digit numbers divisible by 9
 (a) 1655 (b) 1700 (c) 1755 (d) 1575
24. If each side of a square is increased by 25%, the ratio of the area of the resulting square to the area of the given square is,
 (a) 5 : 4 (b) 10 : 9 (c) 25 : 16 (d) 36 : 25
25. Arrange the fractions $\frac{5}{9}, \frac{6}{13}, \frac{12}{13}, \frac{14}{23}$ and $\frac{2}{3}$ in ascending order of magnitude.
 (a) $\frac{6}{13} < \frac{5}{9} < \frac{14}{23} < \frac{2}{3} < \frac{12}{13}$ (b) $\frac{5}{9} < \frac{14}{23} < \frac{12}{13} < \frac{2}{3} < \frac{6}{13} < \frac{2}{3}$
 (c) $\frac{2}{3} < \frac{6}{13} < \frac{12}{13} < \frac{14}{23} < \frac{5}{9}$ (d) $\frac{5}{9} < \frac{6}{13} < \frac{12}{13} < \frac{14}{23} < \frac{2}{3}$
26. The amount of Rs. 14000 at compound interest at 4% per annum for 2 years is,
 (a) Rs. 15142.4 (b) Rs. 16286.8 (c) Rs. 13280.7 (d) Rs. 14428.6

27. If each side of a square is increased by 25%, the ratio of the area of the resulting square to the area of the given square is,
 (a) 5 : 4 (b) 10 : 9 (c) 25 : 16 (d) 36 : 25

Direction (Q. Nos. 28-31): In these questions, choose the alternative, which is same in meaning to the keyword.

28. INTERPID
 (a) fear (b) coward (c) happy (d) fearless
29. DILAPIDATED
 (a) beautiful (b) dilute (c) damaged (d) new
30. TRIBUNAL
 (a) judge (b) fiat (c) an assembly to conduct judicial business (d) panel
31. BOMBASTIC
 (a) ostentatious display (b) cheap (c) demeaning (d) calm

Direction (Q.Nos. 32-35): In these questions, choose the alternative which is opposite in meaning to the keyword.

32. CANARD
 (a) falsetto (b) rumour (c) truth (d) bird
33. DWELL
 (a) reside (b) sit (c) worry (d) place of work
34. SURROGATE
 (a) alternative (b) biological (c) foster (d) alternate
35. SUBLIME
 (a) change (b) dejected (c) elated (d) vapourize

Direction (Q. Nos. 36-39): Choose the most appropriate preposition from the alternatives to fill in the blank space of the sentence.

36. The Doctor advised him to abstain _____ alcohol and exercise.
 (a) In (b) from (c) at (d) by
37. His father met an accident.
 (a) in (b) by (c) with (d) none of these
38. We cancelled trip due to bad weather.
 (a) their (b) ours (c) our (d) none of these
39. The project is terminated to paucity of funds.
 (a) for (b) since (c) due (d) none of these

Direction (Q. Nos. 40-43): Choose the exact meaning of the idioms/phrases from the given alternatives.

40. dead meat
 (a) spoiled meat (b) hostility (c) tasty meat (d) terminated
41. bag and baggage
 (a) package (b) parcel (c) all of one's possessions (d) none of these
42. to coin a phrase
 (a) write on a coin (b) make money for every word said
 (c) to create a new phrase (d) none of these
43. fall on deaf ears
 (a) depend on deaf people (b) fall on ears to become deaf
 (c) talk to people who will not listen (d) none of these

Direction (Q. Nos. 44-47) : Fill in the blank space of the sentence so that it becomes meaningful and correct.

44. The body did not have a piece of cloth on it. Handsdah's belongings in the room were in place there was no sign of any struggle.
(a) and (b) but (c) since (d) also
45. Inside the room, Handsdah's body was found hanging nylon rope wrapped around the neck
(a) with (b) by a (c) on a (d) over
46. Jairam Ramesh Congress MP Rajya Sabha: Increasing tax collections netting evaders serves a national purpose.
(a) in (b) by (c) on (d) into
47. Early in October New Delhi lifted a ban in force Independence to allow 16 Pakistani journalists to visit Jammu and Kashmir under the auspices of the South Asia Free Media Association .
(a) since (b) till (c) by (d) for

Direction (Q. Nos. 48-57) : Read the passage carefully and answer the questions based on it.

PASSAGE

There appears to be a relative lull on the power front. After the initial euphoria with regard to allowing the entry of private and foreign capital into the power sector, the promised guaranteed return on net worth, liberal financing facilities, a higher than usual debt equity norm, the Government is now waiting for the flood to arrive. How realistic are the expectations of the Government can be made out by the response of the private sector.

Till date, there is less than 1000 MW of generation capacity under active implementation in the private sector, mainly by those companies, which are already involved in power generation and distribution. There are very few new actors entering the business. According to power ministry sources, there are proposals to put up more than 8000 MW of generation capacity in the private sector out of which about 50% will be with foreign investment. But how many of these proposals will materialise?

Many of them are merely undergoing viability studies or are restricted to the signing of memoranda of understanding with the respective government agencies. As regards foreign investment in this sector, the less said the better. The 2000MW project in Orissa, which was announced with great fanfare by the State Government, is now in the dumps because the Southern power Corporation, USA, decided to back out of it.

It has also been the experience that while foreign companies are willing to extend credit, supply equipment and set-up the generation facilities, they are not so forthcoming when it comes to equity participation and running the plants. At this rate, it is unlikely that there will be any substantial addition to generation capacity in the private sector in the Ninth plan, leave alone the English plan. And even if all of these projects do come through, a very unlikely prospect, it will be of only significance, a mere 10% of the planned additional generation capacity of 80,000 MW by the end of the Ninth Plan.

48. Which of the following has the same meaning as the word 'flood' as it has been in the passage?
(a) Large number of offers to start units (b) End of the public sector units
(c) A large volume of water to run power plants
(d) Public sector units to go down unprofitably
49. Which of the following represents most closely the author's opinion regarding the development of power generation units?
(a) He is very optimistic about it
(b) He feels that no new units in private sector would be started
(c) He feels that few units that anticipated will actually start
(d) He feels that more public sector units would be started

50. What according to the author, is the problem in realizing the 8000 MW capacity which the government is anticipating?
 (a) Fifty per cent equity is expected from foreign investors for all projects
 (b) Many of the proposals are in the preliminary stages only
 (c) It can fulfill only 10% of the plan requirements
 (d) The US government does not approve of the projects
51. Which of the following has not been indicated in the passage, as an incentive for increasing power generation capacity?
 (a) Very easy loan facilities (b) Permitting foreign investors
 (c) A Guaranteed minimum return on investment (d) Joint ventures by government
52. By how many times does the ministry anticipate the power generation capacity in private sector to go up when compared to existing private sector capacity?
 (a) It expects it to go up by 100% (b) It expects it to go up by 80%
 (c) It expects it to go up by 50% (d) Data inadequate in the passage
53. What is the author's estimate regarding the increase in power generation in private sector at the end of the ninth five year plan to the planned capacity?
 (a) It is likely to be around 10% (b) It is likely to be higher than 10%
 (c) It is likely to be far less than 10% (d) It is likely to decrease by 10%
54. Which of the following words has the same meaning as the word 'forthcoming' as it has been used in passage?
 (a) Approaching (b) Liberal (c) Generous (d) Available
55. Why should according to the passage there be new actors entering the business of power generation?
 (a) Power generation is a key industry
 (b) Public sector is unable to cope with the load
 (c) There is a limit to the investment existing companies in the sector can make
 (d) Government has little faith in the existing companies
56. What is the problem according to the author with foreign investors?
 (a) They are foreign companies (b) The governments of the foreign investors often do not approve of their investments
 (c) It increases the power of foreign countries in India
 (d) They do not have the know-how to start the ventures
57. How does the author see the changes in the power sector during ninth five year plan period when compared to the earlier one?
 (a) There would be hardly any change during this period
 (b) Much more power plants would be set up in this plan period
 (c) More public sector power plants would be set-up
 (d) Nothing is mentioned in the passage

Direction (Q. Nos. 58-62) Read the passage carefully and answer the questions based on it.

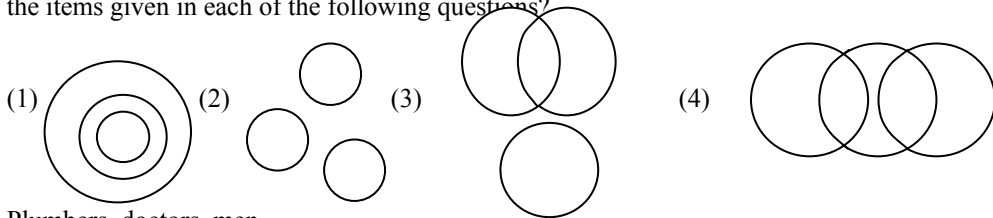
PASSAGE

It is almost a definition of a gentleman to say-he is one who never inflicts pain. This description is both refined and, as far as it goes, accurate. He is mainly occupied in merely removing the obstacles which hinder the free and unembarrassed action of those about him; and he concurs with their movements rather than take the initiative himself. His benefits may be considered as parallel to what are called comforts or conveniences in arrangements of a personal nature; like an easy chair or a good fire, which do their part in dispelling cold and fatigue, though nature provides means of rest and animal heat without them. The true gentleman in like manner carefully avoids what ever may cause a jar or a jolt in the minds of those with whom he is cast; all clashing of opinion, or collision of feeling, all restraint or suspicion or gloom or resentment; his great concern being to make everyone all their case and at home. He makes light of favours while he does them, and seems to be receiving when he is actually conferring.

58. What is the preoccupation of a gentleman?

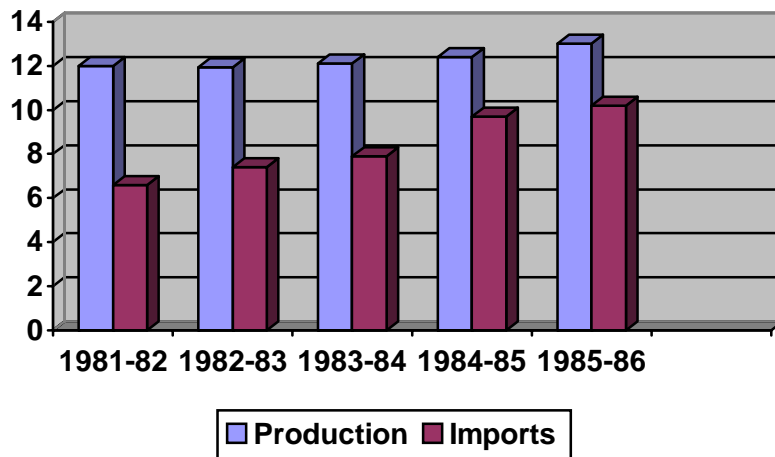
- (a) he is refined (b) he is accurate
 (c) both (a) and (b) (d) he removes obstacles from the way of those around him
59. What benefits does a gentleman enjoy in his life?
 (a) comforts and conveniences of personal nature (b) does not have to take an initiative
 (c) both (a) and (b) (d) none of the above
60. What does a gentleman try to avoid?
 (a) shocking the mind of others (b) all clashes of opinions
 (c) both (a) and (b) (d) none of the above
61. What is his great concern in life?
 (a) to remove all restraint and suspicion (b) seems to be receiving when he is actually giving
 (c) to keep an eye on everybody (d) none of the above
62. What is his attitude towards favours made by him?
 (a) makes light of what he gives (b) seems to be receiving when he is actually giving
 (c) both (a) and (b) (d) none of the above

Directions for question nos. 63-67: Which of the following diagrams best represents the relationship between the items given in each of the following questions?



63. Plumbers, doctors, men
 (a) 1 (b) 2 (c) 3 (d) 4
64. City, district, state
 (a) 1 (b) 2 (c) 3 (d) 4
65. Whole numbers, natural numbers, prime numbers
 (a) 1 (b) 2 (c) 3 (d) 4
66. Pen, book, bag
 (a) 1 (b) 2 (c) 3 (d) 4
67. Telephone, Television, Telescope
 (a) 1 (b) 2 (c) 3 (d) 4

Directions: (Q 68 to72) These questions are based on the following graph
MILK AVAILABILITY IN INDIA (in million tons)



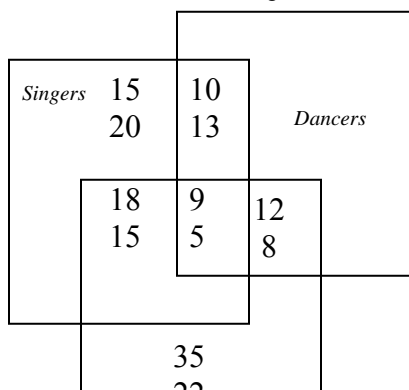
68. The total milk production in the given period is _____ (in million tons)
 (a) 49.0 (b) 41.8 (c) 50.4 (d) 62.8
69. What was the difference in milk imports during 1983-84 and 1984-85 (in million tons)
 (a) 0.01 (b) 0.2 (c) 0.3 (d) 0.4
70. In which year was the milk production roughly 75% of the imports?
 (a) 1981-82 (b) 1982-83 (c) 1983-84 (d) 1984-85
71. What was the percentage of milk products as compared to imports during 1981-82?
 (a) 40% (b) 45% (c) 50% (d) 55%
72. What will be the difference in production and imports in 1986-87 if the increase in each of the production and imports over 1985-86 is 50%? (in million tons)
 (a) 5.4 (b) 4.2 (c) 4.8 (d) 3.8
73. Earth is related to Axis in the same way as Wheel is related to -----
 (a) Tyre (b) car (c) road (d) Hub
74. Boat is related to Sails in the same way as Balloon is related to -----
 (a) Hot air (b) Rope (c) Nylon (d) Rubber

Directions for Question Nos. 75 – 76: In each of the following questions, a number series is given with one term missing. Choose the correct alternative that will continue in the same pattern and fill in the blanks spaces.

75. 1, 4, 2, 8, 6, 24, 22, 88, (.....)
 (a) 28 (b) 86 (c) 26 (d) 56
76. 462, 420, 380, (.....), 306
 (a) 322 (b) 332 (c) 342 (d) 352

77. If in a certain language, DELHI is coded as HTPLM, which word would be coded as FSQFEC ?

Directions for the questions 78 to 82: In the figure given below, the first number represents the men and the number below it gives the number of women. Answer the questions based on the figure:



Painters

78. How many female singers are there who are not painters?
 (a) 25 (b) 33 (c) 63 (d) 35
79. How many male painters are there who are not dancers?
 (a) 62 (b) 37 (c) 49 (d) 53
80. How many people are there who are singers, dancers and painters?
 (a) 14 (b) 40 (c) 36 (d) 53
81. How many people are only dancers?
 (a) 73 (b) 76 (c) 67 (d) 53
82. How many people are there who are only singers and only dancers and only painters?
 (a) 124 (b) 91 (c) 145 (d) 96

Directions for questions (83 to 87): In a survey carried out in a state university about the results of three examinations conducted by the university data was obtained.

| Details | Females | Males |
|--|---------|-------|
| Number of students surveyed | 2,400 | 3,500 |
| Number of students passing all 3 exams | 1,500 | 2,625 |
| Number of students failing in 1 exam | 500 | 475 |
| Number of students failing 2 exams | 325 | 300 |
| Number of students failing in 3 exams | 75 | 100 |

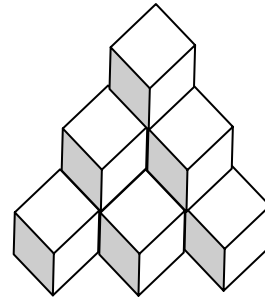
83. What is the percentage of students passing the entire three exams in the university?
 (a) 73.2% (b) 71.2% (c) 69.9% (d) 75%
84. The ratio of number of females failing in all the 3 exams to that of males is
 (a) 35:32 (b) 12:10 (c) 2:1.5 (d) 71:69
85. The percentage of females failing is more than one exam is
 (a) 66.66% (b) 16.66% (c) 13.35% (d) 33.3%
86. The number of males failing in more than one exam exceeds that of numbers of female failing is more than on exam by:
 (a) 100 (b) 200 (c) 250 (d) 0
87. The percentage of students failing in all the 3 exams is
 (a) 2.96% (b) 1.54% (c) 3.5% (d) 4.2%

Directions for questions 88-90 : Find the odd man out

88. (a) Carrot (b) Cauliflower (c) Potato (d) Beetroot
89. (a) 8 (b) 64 (c) 81 (d) 343
90. (a) 19 (b) 17 (c) 23 (d) 27

91. In which of the following case, a triangle cannot be formed, when the length of three sides are given as:
 (a) 4, 12, 10 (b) 12, 14, 28 (c) 6, 7, 8 (d) 10, 6, 8
92. Three cubes of metal whose edges are in the ratio 3: 4: 5 are melted down into a single cube whose diagonal is $8\sqrt{3}$. Find the edge of the largest cube.
 (a) 45.28 (b) 5.94 (c) 6.67 (d) 6.88
93. Heavy rainfall and high temperature in the tropical climate of India cause rapid
 (a) sedimentation (b) Exfoliation (c) Running (d) weathering
94. The Kharif crops are harvested in
 (a) Late autumn (b) Spring (c) Summer (d) Winter
95. Which of the following places receives minimum annual rainfall?
 (a) Bangalore (b) Nagpur (c) Delhi (d) Bikaner
96. Which of the following cities in India has a modest temperature throughout the year?
 (a) Allahabad (b) Bangalore (c) Mussorie (d) Hyderabad
97. The largest producer of petroleum in India is
 (a) Gujarat (b) Assam (c) Maharashtra (d) Kerala
98. The first coal mine in India was opened at
 (a) Dhanbad (b) Jharia (c) Raniganj (d) Asansol
99. Which cable network has started Nepal's first satellite channel?
 (a) Cable News Network (b) Space time Network
 (c) Turner Network (d) Zee Network
100. Which of the following countries is not a nuclear power?
 (a) The U.S.A. (b) China (c) Japan (d) France
101. In 1930, Gandhiji started the civil disobedience movement from
 (a) Sevagram (b) Wardha (c) Dandi (d) Sabarmati
102. The term of office fixed for the Comptroller and Auditor General of India is
 (a) 5 years (b) 6 years (c) 10 years (d) 4 years
103. A good citizen is one who is
 (a) politically and socially well informed (b) aware of his social obligations
 (c) well educated (d) knowledgeable about the constitution
104. Who appoints the committees of the Parliament?
 (a) The president (b) The Prime Minister
 (c) The Chairman of the Rajya Sabha (d) The Speaker of the Lok Sabha
105. How many times has the President declared Financial Emergency in the country so far?
 (a) Never (b) once (c) thrice (d) thrice
106. The State having the maximum strength in its Assembly is
 (a) Uttar Pradesh (b) Madhya Pradesh (c) Bihar (d) Orissa
107. The Planning Commission of India was set up in the year
 (a) 1939 (b) 1947 (c) 1951 (d) 1950
108. Sarvodaya is a form of
 (a) Socialism (b) Communism (c) Fascism (d) Anarchy
109. The Panchayati Raj institutions in India get their funds mainly from
 (a) voluntary contributions (b) Octroi
 (d) Property taxes (d) Government grants.
110. The headquarters of Food and Agriculture Organisation (FAO) is at
 (a) London (b) Paris (c) New York (d) Rome
111. Xylem in gymnosperms lacks
 (a) Xylem parenchyma (b) tracheids (c) Xylem fibers (d) vessels
112. The strongest muscle in the body is present in
 (a) thighs (b) jaws (c) neck (d) arms

113. Which food constituent helps in regulating the body temperature?
 (a) Carbohydrate (b) Fat (c) Water (d) Protein
114. Titan is the Satellite of
 (a) Uranus (b) Jupiter (c) Saturn (d) Mercury
115. The first use of the telescope for research was made by,
 (a) Galileo (b) Marconi (c) Maxwell (d) Dalton
116. Which is a good source of proteins?
 (a) Lemon (b) Banana (c) Pea (d) Bread
117. Conjunctivitis is a disease of the
 (a) liver (b) colon (c) eyes (d) Mouth
118. A colour-blind person has difficulty in seeing
 (a) all colours (b) red colour only
 (c) red, green and pale tints (d) violet and blue
119. How many cubes are there in the figure?
 (a) 6 (b) 10 (c) 8 (d) 12



120. The missing character is:
 (a) 5 (b) 8
 (c) 7 (d) 6

