

# NICL Preliminary Grand Test 1

## TEST - I: ENGLISH LANGUAGE

**Directions (1 – 10):** Read the following passage carefully and answer the questions given below it. Certain words/phrases have been printed in bold to help you locate them while answering some of the questions.

For a business still in a burgeoning state of development the performance of the gem and jewellery sector in exports is gratifying. On top of an over 50 per cent growth during 2004-05, these exports are poised to grow at a similar rate during the current year, if the trend in the first half of the year is an indication. Data released by the Gems and Jewellery Export Promotion Council show that Gems exports at Rs 2,363 crore during April–September 2005 were 51 per cent higher than during the corresponding period of 2004. Since there is a greater acceleration in the tempo of exports in the second half of the year, it appears that the target of gems and jewellery exports, pegged at Rs 5,000 crore is well within reach. Even more heartening is the fact that the export flow has been broad based, though the pace has been set by better showing in both jewellery and gem exports. This successful incursion is the outcome of a conscious strategy to build export infrastructure which includes the setting up of Gems and Jewellery Export Zones, technology missions and a liberal policy under which virtually the entire industry is thrown open to foreign direct investment. Some incentives like access to domestic market for these export-oriented units, based on the net value addition, also have helped the export drive. Besides, the industry had made efforts to capture new markets, laid stress on quality of the product and became alive to customer needs. However, in the case of jewelry exports, the actual performance is behind the potential. With its endowment in terms of jewellery designers, low costs and high productivity, India can emerge as a major force in global jewellery exports by emphasizing on customizing jewellery rather than relying on standard products. At the same time, gems exports should not suffer by default. The recent data given lie to the claim that we have a leeway in jewelry designing. Over a period, this success on global marketing of our gems should facilitate system integration, and to exports of value-added gems with jewellery. As of now, what is significant is that we have carved a small niche in the global market in an industry that is the cutting edge of designing.

- Which of the following are responsible for substantial growth in exports in gems and jewellery sector?  
(A) Conscious strategy to build export infrastructure  
(B) Liberal policy  
(C) Government subsidy  
(1) All (A), (B) and (C)      (2) Only (B) and (C)      (3) Only (A) and (C)      (4) Only (A) and (B) (5) None of these
- Setting up of gems and jewellery exports zones has resulted into which of the following?  
(1) Production of gems has increased      (2) Increase in gems exports  
(3) Increase in jewelry exports      (4) Abundance of gems and jewellery in the domestic market  
(5) None of these
- Which of the following have helped in the growth of exports in gem and jewellery sector?  
(A) Value addition      (B) Quality control      (C) Customer friendly      (D) Access to domestic market  
(1) All (A), (B), (C) and (D)      (2) Only (A), (B) and (C)      (3) Only (B), (C) and (D)      (4) Only (A), (C) and (D)  
(5) None of these
- Which of the following statements is true in the context of the passage?  
(1) The growth in exports in gems and jewellery sector is expected to be 100 per cent during 2005–2006 to that of 2004–05.  
(2) The growth in exports in gems and jewellery sector in 2005-2006 is expected to be more than that in 2004- 05.  
(3) The growth in exports in gems and jewellery sector is expected to be 50 per cent in 2005-2006.  
(4) The growth in exports in gems and jewellery sector is expected to be 25 per cent in 2005-2006.  
(5) None of these
- Which of the following factors have not helped in the export promotion?  
(A) Building an infrastructure for export      (B) Encouraging foreign direct investment  
(1) Only (A)      (2) Only (B)      (3) Either (A) or (B)      (4) Both (A) & (B)      (5) None of these
- How much export was realized in the first half of the year 2005-2006?  
(1) Less than half the targeted amount.      (2) More than half the targeted amount.  
(3) Almost half of the amount projected for the purpose.      (4) The exact amount is not mentioned.  
(5) None of these
- Which of the following statements is not true according to the passage?  
(1) India's performance in exports of jewellery is better than that of gems.  
(2) India's performance in export of gems is better than that of jewellery.  
(3) India's performance in value added ex-ports has grown in the recent past.  
(4) India has made considerable export in exporting value added products in the international market.  
(5) Performance in global marketing has helped in developing an edge in designing.

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8. What according to the passage, is the basis for the expectation of the exports in Gem and jewellery sector reaching the targeted amount?  
(1) Growth in exports in the earlier year. (2) Domestic demand in the sector.  
(3) India's performance in jewellery designing. (4) Trend observed during the first half of the year.  
(5) None of these
9. Choose the word which is most similar in meaning to the word printed in bold used in the passage.  
**Emerge**  
(1) Drawn (2) Evolve (3) Shine (4) Grow (5) Submerge
10. Choose the word which is most opposite in meaning of the word printed in bold as used in the passage.  
**Burgeoning**  
(1) Emerging (2) Established (3) Dying (4) Sneaking (5) Middle

**Directions (11-15) : Read each sentence to find out whether there is any grammatical error or idiomatic error in it. The error, if any, will be in one part of the sentence. The number of that part is the answer. If there is no error, the answer is (5). (Ignore errors of punctuation, if any.)**

11. There cannot be any situation where (1)/ somebody makes money in an asset (2)/ located in India and does not pay tax (3)/ either to India or to the country of his origin.(4)/ No error (5)
12. India has entered a downward spiral (1)/ where the organised, productive (2)/ and law abide sectors are subject to (3)/ savage amounts of multiple taxes. (4)/ No error (5)
13. The bank may have followed (1)/ an aggressive monetary tightening policy (2)/ but its stated aim of (3)/ curbing inflation have not been achieved. (4)/ No error (5)
14. Equal opportunities for advancement (1)/ across the length and breadth (2)/ of an organisation will (3)/ keep many problems away. (4)/ No error (5)
15. A customised data science degree (1)/ is yet to become (2)/a standard programme (3)/ to India's premier educational institutes. (4)/ No error (5)

**Directions (16-20) : In each of the following sentences there are two blank spaces. Below each sentence there are five pairs of words denoted by numbers (1), (2), (3), (4) and (5). Find out which pair of words can be filled up in the blanks in the sentence in the same sequence to make the sentence grammatically correct and meaningfully complete.**

16. More is ..... of conditions of the tribals in Maharashtra than ..... conditions of those in the other parts of the country.  
(1) certain, the (2) known, of (3) aware, of (4) favourable, those  
(5) uncertain, all
17. Although ..... is not a very desirable feeling, we need a certain amount of it to ..... well.  
(1) anxiety, exist (2) grief, enjoy (3) impatience, preach (4) anger, define (5) jealousy, bad
18. Although he is a ..... person, he occasionally loses his .....  
(1) quiet, power (2) cheerful, grief (3) balanced, temper (4) thoughtful, anxiety  
(5) generous, wealth
19. In a ..... tone, the leader made a powerful ..... to the mob.  
(1) realistic, zeal (2) lower, conviction (3) loud, argument (4) soft, appeal (5) pitch, statement
20. The tunnel was so ..... and congested, that we became .....  
(1) long, enthusiastic (2) deep, cautious (3) dark, frightened (4) crowded, isolated  
(5) sharp, worried

**Directions (21- 25): Rearrange for following six sentences (A),(B), (C), (D), (E) and (F) in the proper sequence to form a meaningful paragraph; then answer questions given below them.**

- (A) The Central government is weighing several options to involve the states in the process of boosting the country's exports.  
(B) These governments hitherto felt that exports are the Centre's responsibility, which was a wrong approach.  
(C) The states will now realise that they should themselves encourage export-oriented units.  
(D) This move by the Centre is also necessitated to eradicate the misunderstanding that prevails among most of the States.  
(E) It is a welcome move to instill into governments the feeling of belongingness.  
(F) Exports help flourish a country's economic situation.
21. Which of the following should be the THIRD sentence after rearrangement?  
(1) B (2) C (3) D (4) E (5) F
22. Which of the following should be the FIRST sentence after rearrangement?  
(1) B (2) C (3) D (4) E (5) F
23. Which of the following should be the SIXTH (LAST) sentence after rearrangement?  
(1) B (2) C (3) D (4) E (5) F
24. Which of the following should be the FOURTH sentence after rearrangement?  
(1) B (2) C (3) D (4) E (5) F
25. Which of the following should be the FIFTH sentence after rearrangement?  
(1) B (2) C (3) D (4) E (5) F

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Directions (26 - 30) : Which of the phrases (1), (2), (3) and (4) given below each sentence should replace the word/phrase printed in bold in the sentence to make it grammatically correct? If the sentence is correct as it is given and no correction is required, select (5) as the answer.

26. Named after his father he was the company's **most forcefully leaders** and steered it through the Depression and oversaw its initial public offering in 1944.  
 (1) mostly forceful of leaders (2) most forceful leader (3) more forcefully leading  
 (4) most forceful to lead (5) No correction required
27. The photographs that he took of the war **giving human faces with** conflicts and made people aware of the facts of conflicts.  
 (1) gives a human face to (2) given human faces in (3) gave a human face to  
 (4) have given humanity a face for (5) No correction required
28. Science says there is virtue in working standing up and today the trendiest offices all have treadmill desks which encourage people **to walk while work**.  
 (1) walk to work (2) to walk while working (3) walking and work  
 (4) have walked and worked (5) No correction required
29. I asked him whether he had done it all himself or whether someone **has helped her**.  
 (1) helps her (2) helped him (3) had helped him (4) has helped him  
 (5) No correction required.
30. Relaxing regulations will al-low investors **to diverse asset** and invest their money wherever they see fit.  
 (1) to diversify assets (2) diversified assets (3) diversifying assets (4) diverse asset  
 (5) No correction required

## TEST - II: QUANTITATIVE APTITUDE

Directions (Qs. 31-35) : Identify which number is wrong in the given series.

31. 2, 3, 4, 4, 6, 8, 9, 12, 16.  
 (1) 3 (2) 9 (3) 6 (4) 12 (5) None of these
32. 3, 4, 10, 32, 136, 685, 4116  
 (1) 136 (2) 10 (3) 41 (4) 32 (5) None of these
33. 69, 55, 26, 13, 5  
 (1) 26 (2) 13 (3) 5 (4) 55 (5) None of these
34. 24576, 6144, 1536, 386, 96, 24  
 (1) 386 (2) 6144 (3) 96 (4) 1536 (5) None of these
35. 11, 5, 20, 12, 40, 26, 74, 54  
 (1) 5 (2) 20 (3) 40 (4) 26 (5) None of these

Direction (Q. 36-40) : In the following questions equation numbered I and II are given. You have to solve both the equations and given answer.

- (1) If  $x > y$  (2) If  $x \geq y$  (3) If  $x < y$   
 (4) If  $x \leq y$  (5)  $x = y$  or relationship cannot be established
36. I.  $x^2 + 5\sqrt{3}x - 42 = 0$  II.  $y^2 - 8\sqrt{2}y + 30 = 0$
37. I.  $2x^2 - (4 + \sqrt{13})x + 2\sqrt{13} = 0$  II.  $10y^2 - (18 + 5\sqrt{13})y + 9\sqrt{13} = 0$
38. I.  $4p^2 + 15p + 14 = 0$  II.  $8q^2 + 30q + 27 = 0$
39. I.  $81x^2 - 9x - 2 = 0$  II.  $56y^2 - 13y - 3 = 0$
40. I.  $72x^2 + x - 1 = 0$  II.  $63y^2 - 25y + 2 = 0$

Directions (41 – 45): Study the following table carefully and answer the questions given below

Subjects	Physics	Mathematics	Chemistry	Biology	English	Total
Students	Max. Marks	Max. Marks	Max. Marks	Max. Marks	Max. Marks	
	100	200	150	100	150	700
A	60	130	75	45	60	370
B	75	124	90	62	90	441
C	55	108	85	59	132	439
D	65	165	108	48	116	502
E	80	114	124	64	98	480
F	64	144	98	54	106	466

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41. Approximately what percentage of marks did D get in English?  
 (1) 77 (2) 70 (3) 68 (4) 90 (5) 85
42. The marks obtained by B in Physics and Biology was what percent of total marks of all five subjects together?  
 (1) 47 (2) 58 (3) 31 (4) 60 (5) 65
43. In which of the following subjects did C get more than 60% marks?  
 (1) Only Biology and English (2) Only English (3) Only Biology (4) Only Physics and English  
 (5) None of these
44. In which of the following subjects did F get less than 60% marks?  
 (1) Only Biology and English (2) Only Physics and English (3) Only Physics and Biology (4) Only Biology (5) None of these
45. Which of the following students did get more than 65% marks in all subjects together?  
 (1) Only D and E (2) Only E and F (3) Only D and F (4) Only C and F (5) None of these

**Directions (46 – 50): Study the following table and answer the questions given below.**

**Number of People using various Music Accessories from various cities**

Accessories	Cities				
	A	B	C	D	E
Radio	21550	55000	32680	18200	35000
CD Player	34000	36780	48300	26500	18600
I-Pod	12200	9500	14960	29750	10550
Cell Phone	45720	15280	50000	33800	22660
MP3 Player	22550	21590	21300	36480	21050
Stereo System	33800	45360	36200	21500	30000

46. The total number of people using I-pod is what per cent of the total number of people using Stereo system across the cities? (Rounded off to two digits after decimal)?  
 (1) 46.12 (2) 42.36 (3) 41.62 (4) 41.16 (5) None of these
47. Which city has the highest number of people using various music accessories?  
 (1) A (2) B (3) C (4) D (5) E
48. What is the difference between the total number of people using various music accessories from city B and the total number of people using various music accessories from city E?  
 (1) 46000 (2) 45250 (3) 46550 (4) 45650 (5) None of these
49. What is the ratio of the total number of people using Radio, CD player and I-pod together from city C to the total number of people using Cell Phone, MP3 Player and Stereo System from the same city?  
 (1) 6415:7371 (2) 4797:5375 (3) 4325:6418 (4) 4797:6415 (5) None of these
50. What is the average number of people using Cell Phone across the cities?  
 (1) 24594 (2) 32486 (3) 33372 (4) 34836 (5) None of these

**Directions (51 – 55): Study the information carefully to answer the following questions:**

A management institute offers MBA with specialisation in Marketing, Finance and HR. Among the total number of students in the institute 45% are girls. Number of boys studying Marketing is 30% of the total number of boys in the institution which is 297. 40% of the girls are studying HR. Number of boys and girls studying Marketing are in the ratio of 3 : 2. 50% of boys are studying Finance.

51. How many girls are studying Finance?  
 (1) 288 (2) 198 (3) 324 (4) 495 (5) None of these
52. Number of girls studying Marketing is what per cent of the number of boys studying Finance?  
 (1) 20 (2) 35 (3) 50 (4) 65 (5) None of these
53. Number of boys studying Finance is what percent of the total number of students in the institution?  
 (1) 33.33 (2) 27.5 (3) 47.8 (4) 13.98 (5) None of these
54. What is the respective ratio between number of boys and girls studying HR?  
 (1) 5 : 9 (2) 15 : 34 (3) 99 : 161 (4) 11 : 18 (5) None of these
55. What is the total number of students in the institute?  
 (1) 1000 (2) 1500 (3) 1800 (4) 900 (5) None of these
56. A solid metallic sphere of radius  $r$  is converted into a solid right circular cylinder of radius  $R$ . If the height of the cylinder is twice the radius of the sphere, then  
 (1)  $R = r$  (2)  $R = r\sqrt{\frac{2}{3}}$  (3)  $R = \sqrt{\frac{2r}{3}}$  (4)  $R = \frac{2r}{3}$  (5) None of these
57. The radius of a circle is twice the side of a square of area 196 sq.cm. Length of a rectangle is twice diameter of the circle. What is the perimeter of the rectangle if its breadth is half the length of the rectangle?

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- (1) 244 cm                      (2) 168 cm                      (3) 336 cm                      (4) Cannot be determined  
(5) None of these
58. A reduction of 20% in the price of sugar enables a purchaser to obtain 2.5kg more for Rs 160. Find the original price per kg of sugar.  
(1) Rs 12                      (2) Rs 20                      (3) Rs16                      (4) Rs 18                      (5) None of these
59. A tap can fill an empty tank in 12 hours and a leakage can empty the whole tank in 20 hours. If the tap and the leakage are working simultaneously, how long will it take to fill the whole tank?  
(1) 25 hours                      (2) 40 hours                      (3) 30 hours                      (4) 35 hours                      (5) None of these
60. Mrs. X spends Rs 535 in purchasing some shirts and ties for her husband. If shirts cost Rs 43 each and the ties cost Rs 21 each, then what is the ratio of the shirts to the ties, that are purchased ?  
(1) 1 : 2                      (2) 2 : 1                      (3) 2 : 3                      (4) 3 : 4                      (5) None of these

**Directions (Q. 61-65):** What should come in the place of question mark (?) in the following questions?

61.  $193.261 + 275.373 + 136.93 + 17.229 = ?$   
(1) 723.793                      (2) 622.793                      (3) 632.673                      (4) 593.603                      (5) 713.683
62.  $\frac{(43)^{37} \times (43)^{-41}}{(43)^{-6}} = ?$   
(1) 1849                      (2) 2139                      (3) 79507                      (4) 43                      (5) None of these
63.  $(53.7)^2 - (43.6)^2 = ?$   
(1) 970.73                      (2) 943.71                      (3) 952.33                      (4) 982.73                      (5) None of these
64.  $21 \times 52 \times 7 \times ? = 4004 \times 651$   
(1) 342                      (2) 340                      (3) 341                      (4) 333                      (5) None of these
65.  $76\% \text{ of } 112 - 42\% \text{ of } 116 = ?$   
(1) 38.12                      (2) 36.40                      (3) 38.22                      (4) 42.60                      (5) None of these

### TEST - III: REASONING ABILITY

66. **Facts:** if the commission approves the new proposal, the agency will move to a new location immediately. If the agency moves, five new supervisors will be appointed immediately. The commission approved the new proposal.  
**Conclusion:** No new supervisors were appointed  
(1) Necessarily true                      (2) Probably, but not necessarily true  
(3) Indeterminable, cannot be determined                      (4) Probably, but not necessarily false  
(5) Necessarily false
67. **Facts:** if the director retires, Vinay, the associate director, will not be transferred to another agency, Vinay will be promoted to director if he is not transferred. The director retired.  
**Conclusion:** Vinay will be promoted to director  
(1) Necessarily true                      (2) Probably, but not necessarily true  
(3) Indeterminable, cannot be determined                      (4) Probably, but not necessarily false  
(5) Necessarily false
68. The only true education comes through the stimulation of the child's powers by the demands of the social situations in which he finds himself. Through these demands he is stimulated to act as a member of a unity, to emerge from his original narrowness of action and feeling, and to conceive himself from the standpoint of the welfare of the group to which he belongs.  
The passage best supports the statement that real education-  
(1) will take place if the children imbibe action and feeling. (2) will take place if the children are physically strong  
(3) is not provided in our schools today.                      (4) comes through the interaction with social situations.  
(5) comes from the self-controlled approach of the students.

**Directions (69-73):**In each question below are given three statement followed by three conclusion number I, II & III. You have to take the three given statements to be true even if they seem to be at variance from commonly known facts and then decide which of the given conclusion logically follow from the three given statements disregarding commonly known facts. Then decide which of the answer (1), (2), (3), (4) and (5) is correct answer and indicate it on the answer sheet.

69. **Statements:** Some blades are papers.  
Some papers are books.  
Some books are pens.  
**Conclusions:** I. Some pens are papers.  
II. Some books are blades.  
III. Some pens are blades.  
(1) Only I follows                      (2) Only II follows                      (3) Only III follows                      (4) None follows  
(5) Only II and III follow
70. **Statements:** Some pencils are marbles.  
All marbles are buses.

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- Some buses are trucks.  
**Conclusions:**  
I. Some trucks are pencils.  
II. Some buses are pencils.  
III. No truck is pencil.  
(1) Only I follows (2) Only II follows (3) Only either I or III and II follow  
(4) Only either I or III follows (5) None of these
71. **Statements:**  
Some trees are jungles.  
Some jungles are flowers.  
All flowers are streets.  
**Conclusions:**  
I. Some streets are jungles.  
II. Some streets are trees.  
III. Some flowers are trees.  
(1) Only I follows (2) Only II follows (3) Only III follows (4) Only I and II follow  
(5) None of these
72. **Statements:**  
All desks are tables.  
All tables are chairs.  
Some chairs are sofas.  
**Conclusions:**  
I. Some sofas are desks.  
II. Some chairs are desks.  
III. Some tables are desks.  
(1) Only I and II follow (2) Only II and III follow (3) Only I and III follow (4) All follow (5) None of these
73. **Statements :**  
Some cities are beautiful.  
Some beautiful are States.  
All States are Democratic.  
**Conclusions:**  
I. Some beautiful are Democratic.  
II. All States being beautiful is a Possibility.  
III. Some States are not cities.  
IV. Some beautiful are cities.  
(1) Only I and IV follow (2) Only I, II and IV follow (3) Only I and IV and either III and IV follow  
(4) None follows (5) All follow

**Directions (74-78): Each of the following questions consists of a question followed three statements labeled I, II and III. You have to decide whether the data given in the statement(s) is/are sufficient for answering the question. Read all the statements carefully and seek all the possible combinations which could be sufficient for answering the question. A single combination of statements with least number of statements which could be sufficient for answering the question would be your answer.**

74. Who among A, B, C, D, E and F each having a different height, is the tallest?  
I. B is taller than A but shorter than E.  
II. Only two of them are shorter than C.  
III. D is taller than only F.  
(1) Only I and II (2) Only II and III (3) Only I and III  
(4) All I, II and III are required to answer the question  
(5) All I, II and III are not sufficient to answer the question.
75. Towards which direction is village J from village W?  
I. Village R is to the west of village W and to the north of village T.  
II. Village Z is to the east of village J and to the south of village T.  
III. Village M is to the north east of village J and north of village Z.  
(1) Only III (2) Only II and III (3) All I, II and III are required to answer the question  
(4) Question cannot be answered even with all I, II and III (5) None of these
76. On which day of the week starting from Monday did Sadhana visit Chennai?  
I. Sadhana took leave on Wednesday.  
II. Sadhana visited Chennai the day after his mother's visit to his house.  
III. Sadhana's mother visited Sadhana's house neither on Monday nor on Thursday  
(1) Only II and III (2) Only I and III (3) Only I and III  
(4) All I, II and III are required to answer the question  
(5) Question cannot be answered even with all I, II and III
77. How is 'go' written in a code language?  
I. 'now or never again' is written as 'torn ka na sa' in that code language.  
II. 'you come again now' is written as 'ja ka ta sa' in that code language.

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III. 'again go now or never' is written as 'na ho ka sa torn' in that code language.

- (1) Only I and II                      (2) Only II and III                      (3) Only I & II  
(4) All I, II and III are required to answer the question                      (5) None of these

78. How old was Aditya on 30th July 2012?

- I. Aditya is six years older than his brother Prabir.  
II. Prabir is twenty nine years younger than his mother.  
III. Aditya's mother celebrated her fiftieth birthday on 15th June 2012.  
(1) Only I and II                      (2) All I, II and III are required (3) Only II and III  
(4) None of I, II and III is sufficient to answer the question  
(5) None of the above

**Directions (Q. 79–83):** In each of the following questions, assuming the given statements to be true, find which of the following two conclusions I and II is/are definitely true. Give answer:

- (1) if only conclusion I is true.                      (2) if only conclusion II is true.  
(3) if either I or II is true.                      (4) if neither I nor II is true.  
(5) if both I and II are true.

79. **Statement:**  $P \leq F, L = K, N = P, F \geq L$   
**Conclusions:** I.  $F = K$                       II.  $F > K$
80. **Statement:**  $C \geq G, Q \geq R, J \geq C, Q = Z, G \geq Q$   
**Conclusions :** I.  $G \geq Z$                       II.  $C \geq R$
81. **Statement:**  $D > C, A > B > C, D > E > F$   
**Conclusions:** I.  $E > C$                       II.  $F > B$
82. **Statement:**  $M \geq N, K < L, N > O, K > M$   
**Conclusions :** I.  $O < M$                       II.  $O < K$
83. **Statement:**  $Z \leq Y; X < Z; Y > L, L \geq Z$   
**Conclusions:** I.  $Y \geq L$                       II.  $Y > X$

**Directions (84 - 88):** Study the following information carefully and answer the given questions:

In a School event, different Subjects are scheduled to be held on seven days, starting on Monday and ending on Sunday. Two Subjects are scheduled to be held on Saturday as well as on Sunday and one Subject on each of the remaining five days. The Subjects to be held in these seven days are: Physics, Chemistry, Biology, Reasoning, English, G.K., Computer, Maths and Hindi, but not necessarily in the same order. G.k. is scheduled to be held on Thursday. Biology and Hindi are scheduled to be held on the same day. Maths is scheduled to be held three days before Physics, i.e., two Subjects are scheduled between Maths and Physics. Maths is not scheduled to be held on Wednesday. Computer is scheduled immediately after the day Biology is scheduled. Chemistry is scheduled immediately after the day Maths is scheduled. English is not scheduled on Monday.

84. Which of the following Subjects is scheduled to be held on Friday?  
(1) Physics                      (2) Maths                      (3) English                      (4) Computer                      (5) Reasoning
85. Which of the following Subjects is scheduled to be held on Sunday?  
(1) Chemistry                      (2) Maths                      (3) Physics                      (4) Hindi                      (5) English
86. On which of the following days is Reasoning scheduled?  
(1) Saturday                      (2) Friday                      (3) Wednesday                      (4) Monday  
(5) Cannot be determined
87. On which of the following days is Computer scheduled?  
(1) Monday                      (2) Tuesday                      (3) Wednesday                      (4) Friday                      (5) Sunday
88. G.K. is related to Physics in the same way as Maths is related to  
(1) Reasoning                      (2) Chemistry                      (3) G.K.                      (4) Computer                      (5) Biology

**Directions (89-95):** Read the following information carefully and answer the given questions.

- (i) Eight persons E, F, G, H, I, J, K, and L are seated around a square table- two on each side.  
(ii) There are three lady members and they are not seated next to each other.  
(iii) J is between L and F.  
(iv) G is between I and F.  
(v) H, a lady member, is second to the left of J.  
(vi) F, a male member, is seated opposite to E, a lady member.  
(vii) J is not a female member.
89. Who among the following are the three lady members?  
(1) E, H and J                      (2) E, G and J                      (3) G, H and J                      (4) Cannot be Determined  
(5) None of These
90. Which of the following is true about I?  
(1) I is a male member                      (2) I is a female member                      (3) Gender of I cannot be determined  
(4) Position of I cannot be determined                      (5) None of These
91. Which of the following is true about the person sitting between E and H?

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- (1) A male member                      (2) A female member                      (3) The person sitting between E and H is K.  
(4) Both (1) and (3)                      (5) None of These
92. How many persons are sitting between K and F?  
(1) One                                      (2) Two                                      (3) Three                                      (4) Cannot be determined  
(5) None of These
93. Who among the following is to the immediate left of F?  
(1) G                                      (2) J                                      (3) I                                      (4) Cannot be Determined  
(5) None of These
94. Which of the following is true about J?  
(1) J is a male member                      (2) J is a female member                      (3) Gender of J cannot be determined  
(4) Position of J cannot be determined                      (5) None of These
95. Who among the following is to the immediate left of G?  
(1) G                                      (2) F                                      (3) I                                      (4) Cannot be Determined  
(5) None of These

**Directions (46-50): Study the following information carefully to answer the questions given below.**

**Statements:** Some preferences in India are based on patriarchal customs and traditions and the patrilineal form of inheritance, where the inheritance is obtained through the common male ancestors and the sons inherit more than the daughters. Among the Hindus, it is largely believed that only a son can light the funeral pyre and offer prayers to ancestors, that the son remains a part of the family whereas the daughter becomes a part of another family, that Kanyadaan (giving away of a daughter in marriage) is a necessary spiritual obligation, and that only a son can provide old-age security.

96. Which of the following can be an **assumption** in the above passage?  
(1) India has a patriarchal society.                      (2) In Indian families, females are persecuted.  
(3) All the daughters are not given away in marriage.                      (4) Those families which beget no son face social opprobrium.  
(5) None of these
97. Which of the following statements **weakens** the idea expressed in the above passage?  
(1) Today many girls in India are opting for love marriage.  
(2) Women in India are largely uneducated and backward in outlook.  
(3) Modern girls are highly educated and they have demolished most of the traditional myths that girls are inferior to boys.  
(4) There are still many pockets of India where discrimination against girls is rampant.  
(5) None of these
98. Which of the following can be an **inference** from the above passage?  
(1) The traditions of the Hindus are very discriminatory against women as compared to what is in practice in other religions.  
(2) Kanyadaan is a mandatory process for all Hindu households.  
(3) There are many customs and traditions among the Hindus which weaken the position of women in India.  
(4) Women are themselves responsible for their inferior position in the Indian society.  
(5) None of these
99. Which of the following statements **strengthens** the idea expressed in the above passage?  
(1) Despite all legal efforts, the position of women in Indian society is very low.  
(2) Besides traditionally bestowed low position to women in India, khap panchayats and frequent fatwas issued by Ulemas add to the discomfiture of women.  
(3) While the north-eastern and southern parts of India are matrilineal, rest of the country is patrilineal.  
(4) The Hindus are more traditional than the people belonging to other religions.  
(5) None of these
100. Statement: Every holy river in India is going to lose its holiness and the percentage of pollution is only increasing in spite of spending millions of rupees for its treatment by the government. Which of the following can be an **inference** of the above statement?  
(1) The government is not serious about cleaning rivers in India.  
(2) Pollution divests rivers of their holiness.  
(3) India is using polluted river water for drinking purposes.  
(4) India is averse to seeking overseas technical help for cleaning its rivers.  
(5) None of these



**ANSWER KEY**

1.(4)	2.(2)	3.(1)	4.(2)	5.(5)
6.(3)	7.(1)	8.(4)	9.(4)	10.(1)
11.(5)	12.(3)	13.(4)	14.(3)	15.(4)
16.(2)	17.(2)	18.(3)	19.(4)	20.(3)
21.(3)	22.(5)	23.(2)	24.(4)	25.(1)
26.(2)	27.(3)	28.(2)	29.(3)	30.(1)
31.(2)	32.(4)	33.(3)	34.(1)	35.(3)
36.(3)	37.(2)	38.(5)	39.(5)	40.(4)
41.(1)	42.(3)	43.(2)	44.(4)	45.(5)
46.(1)	47.(3)	48.(4)	49.(2)	50.(5)
51.(1)	52.(5)	53.(2)	54.(4)	55.(3)
56.(2)	57.(3)	58.(3)	59.(3)	60.(2)
61.(2)	62.(1)	63.(4)	64.(3)	65.(2)
66.(3)	67.(1)	68.(4)	69.(4)	70.(3)
71.(1)	72.(2)	73.(2)	74.(4)	75.(5)
76.(5)	77.(1)	78.(2)	79.(3)	80.(5)
81.(4)	82.(5)	83.(2)	84.(1)	85.(5)
86.(4)	87.(5)	88.(2)	89.(5)	90.(1)
91.(4)	92.(3)	93.(2)	94.(1)	95.(2)
96.(1)	97.(3)	98.(3)	99.(2)	100.(2)

# Hints and Solutions

- 1.(4)                      2.(2)  
 3.(1)                      4.(2)  
 5.(5)                      6.(3)  
 7.(1)                      8.(4)  
 9.(4)                      10.(1)  
 11.(5) No error  
 12.(3) Here, Adjective (gerund) i.e. and law abiding sectors ... should be sued.  
 13.(4) Here, Subject (its stated aim) is singular. Hence, curbing inflation has not been achieved should be used.  
 14.(3) Here general Proposition is evident. Hence present simple should be used here.  
 15.(4) Here, for/in India's premier educational Institutes should be used.  
 16.(2) known of  
 17.(2) grief enjoy  
 18.(3) balanced temper  
 19.(4) soft appeal  
 20.(3) dark frightened  
 21.(3)                      22.(5)  
 23.(2)                      24.(4)  
 25.(1)  
 26.(2) An adjective qualifies a noun. Hence, most forceful leaders should be used here.  
 27.(3) As the structure of the sentence suggests, gave a human face to should be used.  
 The sentence shows past time.  
 28.(2) Here, Gerund i.e. to walk while working should be used.  
 29.(3) As the structure of sentence suggests, Past Perfect i.e. had helped him should be used.  
 30.(1) Diverse (Adjective) = very different from each other.  
 Diversify (Verb) = to develop a wide range of products; branch out.  
 Hence, diversify assets                      should be used here.

- 31.(2)                      32.(4)  
 33.(3)                      34.(1)  
 35.(3)  
 36.(3) Eq.-I:  $x^2 + 5\sqrt{3}x - 42 = 0$   
 $\Rightarrow x^2 + 7\sqrt{3}x - 2\sqrt{3}x - 42 = 0$   
 $\Rightarrow x(x + 7\sqrt{3}) - 2\sqrt{3}(x + 7\sqrt{3}) = 0$   
 $\Rightarrow (x + 7\sqrt{3})(x - 2\sqrt{3}) = 0$   
 $\Rightarrow x = -7\sqrt{3}, 2\sqrt{3}$   
Eq.-II:  $y^2 - 8\sqrt{2}y + 30 = 0$   
 $\Rightarrow y^2 - 5\sqrt{2}y - 3\sqrt{2}y + 30 = 0$   
 $\Rightarrow y(y - 5\sqrt{2}) - 3\sqrt{2}(y - 5\sqrt{2}) = 0$   
 $\Rightarrow (y - 5\sqrt{2})(y - 3\sqrt{2}) = 0$   
 $\Rightarrow y = 5\sqrt{2}, 3\sqrt{2}$   
 $\therefore x < y.$   
 37.(2) Eq.-I:  $2x^2 - (4 + \sqrt{13})x + 2\sqrt{13} = 0$   
 $\Rightarrow 2x^2 - 4x - \sqrt{13}x + 2\sqrt{13} = 0$

$$\Rightarrow 2x(x - 2) - \sqrt{13}(x - 2) = 0$$

$$\Rightarrow (x - 2)(2x - \sqrt{13}) = 0$$

$$\Rightarrow x = 2, \frac{\sqrt{13}}{2}$$

Eq.-II:  $10y^2 - (18 + 5\sqrt{13})y + 9\sqrt{13} = 0$   
 $\Rightarrow 10y^2 - 18y - 5\sqrt{13}y + 9\sqrt{13} = 0$   
 $\Rightarrow 2y(5y - 9) - \sqrt{13}(5y - 9) = 0$   
 $\Rightarrow (5y - 9)(2y - \sqrt{13}) = 0$   
 $\Rightarrow y = \frac{9}{5}, \frac{\sqrt{13}}{2}$   
 $\therefore x \geq y.$

38.(5) Eq.-I:  $4p^2 + 15p + 14 = 0$   
 $\Rightarrow 4p^2 + 8p + 7p + 14 = 0$   
 $\Rightarrow 4p(p + 2) + 7(p + 2) = 0$   
 $\Rightarrow (p + 2)(4p + 7) = 0$   
 $\Rightarrow p = -2, \frac{-7}{4}$

Eq.-II:  $8q^2 + 30q + 27 = 0$   
 $\Rightarrow 8q^2 + 12q + 18q + 27 = 0$   
 $\Rightarrow 4q(2q + 3) + 9(2q + 3) = 0$   
 $\Rightarrow (2q + 3)(4q + 9) = 0$   
 $\Rightarrow q = \frac{-3}{2}, \frac{-9}{4}$   
 $\therefore$  Relationship can't be determined.

39.(5) Eq.-I:  $81x^2 - 9x - 2 = 0$   
 $\Rightarrow 81x^2 - 18x + 9x - 2 = 0$   
 $\Rightarrow 9x(9x - 2) + 1(9x - 2) = 0$   
 $\Rightarrow (9x - 2)(9x + 1) = 0$   
 $\Rightarrow x = \frac{2}{9}, \frac{-1}{9}$

Eq.-II:  $56y^2 - 13y - 3 = 0$   
 $\Rightarrow 56y^2 + 8y - 21y - 3 = 0$   
 $\Rightarrow 8y(7y + 1) - 3(7y + 1) = 0$   
 $\Rightarrow (7y + 1)(8y - 3) = 0$   
 $\Rightarrow y = \frac{-1}{7}, \frac{3}{8}$   
 $\therefore$  Relationship can't be determined.

40.(4) Eq.-I:  $72x^2 + x - 1 = 0$   
 $\Rightarrow 72x^2 + 9x - 8x - 1 = 0$   
 $\Rightarrow 9x(8x + 1) - 1(8x + 1) = 0$   
 $\Rightarrow (8x + 1)(9x - 1) = 0$

