

IIPS - Group A - Entrance Test

June 03, 2007

We are glad to present you the detailed analysis of IIPS - Group A - entrance test held on June 03, 2007 on various centres. As it was declared earlier the test comprised 75 questions divided into 5 sections viz. English Language Comprehension, General Awareness and Awareness related to Socio Economic Environment, Logical Reasoning and General Intelligence, Data Interpretation and Quantitative Aptitude. The total time allotted for the paper was 90 minutes. There were 3 marks for each correct question and 1 mark was declared to be deducted for each wrong answer.

Bird's eye view :

Total Number of Questions	:	75
Total Time	:	90 minutes.
The Marking Scheme	:	For each correct answer : 3 marks For each incorrect answer : – 1 mark
Sectional Breakup	:	There were 5 sections in the paper.
Total marks	:	225

Section No.	Topic	Number of Questions	Marks for each Questions	Difficulty Level
I	English Language Comprehension	15	15 × 3 = 45	Easy
II	General Awareness and Awareness related to Socio Economic Environment	15	15 × 3 = 45	Moderate
III	Logical Reasoning and General Intelligence	15	15 × 3 = 45	Tough
IV	Data Interpretation	15	15 × 3 = 45	Easy
V	Quantitative Aptitude	15	15 × 3 = 45	Easy

Number of options	:	Five
Overall Expected Cut-off	:	140 + marks



Disclaimer: All these questions have been memorised by PT students. We are merely reproducing a few of them here in fragments to ensure that the huge community of students eagerly waiting to see an objective comparison of their performance gets the right picture.

Detail Analysis

Section I

English Language Comprehension

The fifteen questions of this section were on Synonyms, Fill in the blanks and Phrases. There were five questions each on these topics. The section was easy and one can mark 10-13 correct answers in this section with an 80% accuracy. We have recalled some of the questions, which are as follows.

DIRECTIONS: Following a CAPATALISED word is followed by five answer choices. Choose the answer choice which is more appropriate same in meaning to the given CAPATALISED word.

1. AVARICE
(1) Easiness (2) Greed (3) Statement (4) Power
(5) None of these
2. FINITE
(1) Bounded (2) Established (3) Affirmative (4) Massive
(5) None of these
3. MIRAGE
(1) Desert (2) Illusion (3) Water (4) Mirror
(5) None of these
4. SUBLIME
(1) Unconscious (2) Respected (3) Exiled (4) Sneaky
(5) None of these
5. VIGILANCE
(1) Bivouac (2) Guide (3) Watchfulness (4) Inattentiveness
(5) None of these

DIRECTIONS: Choose the most appropriate word from the given options for the given blanks.

6. A of the broken vase was on display at the museum .
(1) Holocaust (2) Title (3) Fragment (4) Reliquary
(5) None of these
7. They a plot to overthrow the president.
(1) Raised (2) Created (3) Cooked (4) Hatched
(5) None of these
8. A person who sees the gloomy side of life in everything is
(1) Pessimist (2) Optimist (3) Zealot (4) Prevaricator
(5) None of these
9. The is a art which pertain to writing or drawing.
(1) Theatrical (2) Elocutionary (3) Mechanical (4) Graphic
(5) None of these
10. Painting is a service, but brings joy beyond words.
(1) Reunion (2) Unity (3) Home-coming (4) Division
(5) None of these

DIRECTIONS: From the given answer choices, choose the correct meaning of the given Phrase.

11. Make Good
12. Turn-Off
13. Look for
14. A bone of contention
15. Call upon

Section II General Awareness and Awareness related to Socio-economic Environment

In this section there were questions from traditional General Knowledge. The section was moderate and one can mark eight to ten questions correct from this section.

DIRECTIONS: For the following questions five options are given. Choose the correct option.

16. During the Mauryan period the division of Indian society in seven classes were described in
 - (1) Arthshastra by Kautilya
 - (2) Indica by Megasthenes
 - (3) Ashoka Tulika
 - (4) Puranas
17. 'Black Pagoda' is in
18. The Indian name of the MIG 29 Aircraft purchased from the Russia by the Indian Government is
19. Who discovered the circulation of blood in Human Body?
20. Napoleon Bonaparte was from
21. Dr. Linus Carl Pauling the only person to win two Nobel Prizes, was from
22. National Calendar of India is based on
23. Planning Commission was setup in year
24. Which of the following river has longest basin?
25. Which of the following is longest canal of the world?
26. The name of the bird sanctuary based at Bharatpur, Rajasthan is
27. The planet with 'great red spot' is
28. Aga Khan cup is related to

Section III Logical Reasoning and General Intelligence

The section was tougher compared to the other sections of the paper. There were two Data Arrangements sets of 11 questions, two questions on Critical Reasoning and two misc. questions in these section. One can 7 to 9 questions from this section.

DIRECTIONS: Read the following information carefully and answer the questions that follow.

The only people to attend a conference was four ship captains and the first mates of those captains. The captain were L, M, N and O the first mates were A, D and G. Each person in turn delivered a report to the assembly as follows:

1. Each of the first mates delivered their report exactly before his or her captain.
 2. The first captain to speak was M and captain N spoke after him.
31. In case A is the third of the first mates to speak, and L is the captain whose first mate is not present, which among the following statement must be true?
- (1) A spoke sometime before L
 - (2) D spoke sometime before O
 - (3) L spoke sometime before O
 - (4) O spoke sometime before L
 - (5) O spoke sometime before N

32. Among the following statements, which would make M, D, N, G, L, O, A the only possible sequence of speakers
- (1) D is M's first mate; G is N's first mate, A is O's first mate
 - (2) D is M's first mate; G is N's first mate, A was the second to speak after L
 - (3) The order of the first four speakers was M, D, N, G.
 - (4) The order of the last three speakers was L, O, A.
 - (5) The order in which the captains spoke was M, N, L, O

Three more questions were based on this information...

DIRECTIONS: Read the following information carefully and answer the questions that follow.

An employee has been assigned the task of allotting offices to six of the staff members. The offices are numbered 1 to 6 the offices are arranged in a row and they are separated from each other by six foot high dividers. Hence voices, sounds and cigarette smoke flow easily from one office to another.

Robert's needs to use the telephone quite often throughout the day. Mr. Make and Mr. Brown need adjacent offices as they need to consult each other often while working. Miss Hardy is senior employee and has to be allotted the office 5 having the biggest window.

Mr. Donald requires silence in the offices next to his. Mr. Tim, Mr. Mike and Mr. Donald are all smokers, miss Hardy find tobacco smoking allergy and consequently the office next to her is to be occupied by nonsmokers.

Unless specifically stated all the employee maintain an atmosphere of silence during office hours.

Four questions were based on this information...

DIRECTIONS: For the following questions four options are given. Choose the correct option.

42. It costs a manufacturer X dollars per component to make the first 1000 components. All subsequent components cost X/3 each. When X = \$ 1.50 how much will it cost to manufactured 4000 components?
- (1) \$3500
 - (2) \$3000
 - (3) \$4000
 - (4) \$3250
 - (5) \$4500
43. A train travelling at 60 mph enters a tunnel that is 5 miles long. The train is one mile long. How many minutes does it take for the whole train to pass through the tunnel?
- (1) 7
 - (2) 4
 - (3) 10
 - (4) 5
 - (5) 6
44. Smoking in bed has long been the main cause of home fires. Despite a significant decline in cigarette smoking in the last two decades, there has been no comparable decline in the number of people killed in home fires. Each one of the following statements, if true over the last two decades, helps to resolve the apparent discrepancy above EXCEPT.
- (1) Compared to other types of home fires, home fires caused by smoking in bed usually cause relatively little damage before they are extinguished.
 - (2) Home fires caused by smoking in bed often break out after the home's occupants have fall on asleep.
 - (3) Smokers who smoke in bed tend to be heavy smokers who are less likely to quit smoking than are smokers how do no smoke in bed.
 - (4) A increasing number of people have been killed in home fires that started in the kitchen.
 - (5) Population densities have increased, with the result that one home fire can cause more deaths than in previous decades.
45. An ingredient in coffee, known as RTC, has been found to inactivate common cold viruses in experiments. In previous experiments, researchers found that inactivated common cold viruses can convert healthy cells into cancer cells. It can be concluded that the use of coffee can cause cancer. Which one of the following, if true, most seriously weakens the argument?
- (1) Several teams of scientists performed the various experiments, and all of the teams had similar results.
 - (2) The carcinogenic effect of RTC could be neutralized by the other ingredients found in coffee.
 - (3) When RTC kills common cold viruses it weakens the immune system, and it might thus diminish the body's ability to fight other viruses, including viruses lined to cancers.
 - (4) If chemists modify the structure of RTC, RTC can be safely incorporated into medications to prevent the common cold.
 - (5) To lessen the undesirable side effects of chemotherapy, the use of coffee has been recommended for cancer patients who are free of the common cold virus.

Section IV
Data Interpretation

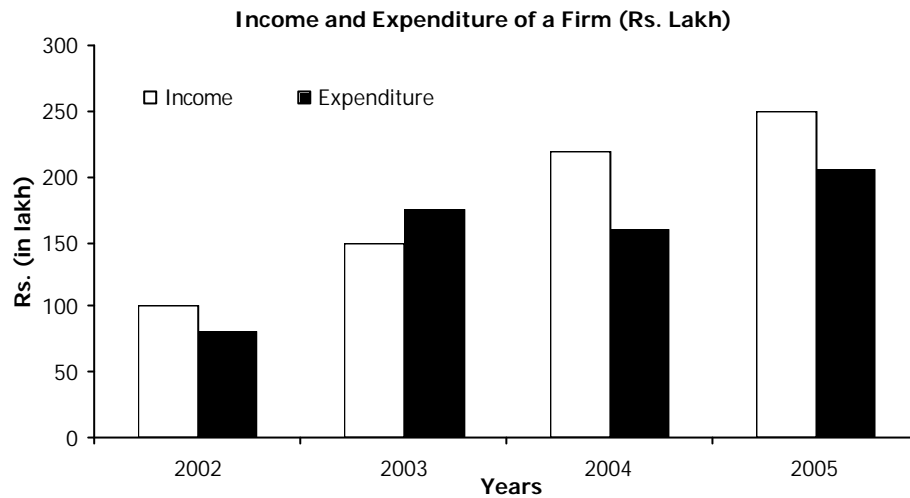
There were two sets on table containing 10 questions and one set on bar graph containing 5 questions. The section was easy and one can attempt of all fifteen questions with 90% accuracy.

DIRECTIONS: Following table explains the age of the persons, No. of person and regular players in them. Refer to the information and answer the questions that follow.

Age in years	No. of Person	No. of Regular Players
10	40	22
20	50	30
30	60	30
40	30	13
50	20	5

46. What is the average playing habit in the group?
 (1) 50% (2) Less than 30% (3) Above 60% (4) 35%
 (5) None of these
47. In which age the playing habit is highest?
 (1) 10 years (2) 20 years (3) 30 years (4) Less than 10 years
 (5) None of these
48. What is the average age of the regular players in the group?
 (1) 30 years (2) 20 years (3) 28 years (4) 25 years
 (5) None of these
49. What is the average age of the people of the group?
 (1) 25 years (2) 30 years (3) 27 years (4) 32 years
 (5) None of these
50. What is the average playing habit of the person upto the age of 20 years?
 (1) 55% (2) 90% (3) 58.5% (4) 61%
 (5) None of these

DIRECTIONS: Study following bar diagram carefully and answer the questions that follow.



51. What is the percentage growth of profit of the firm during 2004 to 2005?
 (1) - 50 (2) - 25 (3) 45 (4) 13.6
 (5) None of these
52. What is the average profit of the firm during 2002-05? (Rs. Lakh)
 (1) 25 (2) 30 (3) 37.5 (4) 40
 (5) None of these
53. What is the best year of the firm from the profitability point of view?
 (1) 2002 (2) 2003 (3) 2004 (4) 2005
 (5) None of these
54. What is the growth of expenditure during 2003-04
 (1) - 15 (2) - 30 (3) 90 (4) - 10
 (5) None of these
50. Which of the following statement is true?
 (1) Firm is showing consistent performance (2) Firm is always generating profit.
 (3) Firm is showing continues improvement in income (4) Expenditure of the fir is increasing over the period.
 (5) None of these

DIRECTIONS: Following table shows the expected age of life in year. Refer to the table and answer the questions that follow.

Age	Expected age of life in years			
	1981-91		1991-2001	
	M	F	M	F
0	42	41	52	48
10	46	44	58	50
20	40	38	43	41
30	35	34.5	36.5	40
50	16	18	20	24

There were five questions were on this table....

Section IV Quantitative Aptitude

This section again was on easier side. There were questions from topics like Time, Speed and Distance, Work and Time, Linear and Quadratic equations, Series, Mensuration, Numbers, Ratio and Proportion, Discounts etc. One can attempt 9 to 11 questions from this section.

DIRECTIONS: For the following questions, four options are given. Choose the correct option.

61. A rectangle has a length of 14 cm and breadth of 10 cm. If we decrease x cm from length and also increase x cm in breadth to form a square, then the area of rectangle changed by
62. The next step in the series 1, $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{8}$, is
63. $X^5/X^2 = ?$
64. Which of the following can be defined as an integer, natural, rational and whole number?
65. Sudha can finish a work in 4 days, Lata can finish the same work in 6 days, Tina can finish the same work in 2 days. If all three works together the work will be finished in
66. If $(x + 2)^2 = 9$, $(y + 3)^2 = 25$, then x/y is
67. The sum of the first and the ninth term of an A. P. is 8. What is the sum of first eleven terms of that A. P.?
68. Let n be the number of different 5 digit numbers divisible by 4 and containing digits 1, 2, 3, 4, 5, 6 without repetition. What is the value of n ?
69. If on a map 1 cm = 40 km and the distance between Bombay and Calcutta is 37.5 cms on map, then what is the actual distance between Bombay and Calcutta?
70. With a discount of 20%, the selling price of a computer is Rs. 16,000. What is the regular price of the computer?
71. At a company get together half of the present persons are employee and one-third is employee spouse. What percent of the total present persons are not company employees or employee spouse?
72. p, q are the roots of $x^2 - bx + c = 0$. What will be equation if the roots are $pq + p + q$ and $pq - p - q$?
73. Train A travels at 60 kmph and leaves Mumbai for Delhi at 6:00 PM. Train B travels at 90 kmph and leaves Mumbai for Delhi at 9:00 PM. Train C leaves Delhi for Mumbai at 9:00 PM. If all the three trains meet between Mumbai and Delhi exactly one time, what is the speed of train C?
74. How will you define the series 144, 72, 36, 18, 9?
75. A ship develops a leak 12 kms from the shore, but still able to travel at 8 kmph. It is known that if the leak had not developed the ship would have reached the shore in 20 minute. At what speed the rescue boat from the shore should be sent to save the passangers of the ship?

**Expected Cut-off
140 + marks**