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│           APTITUDE  TEST             │
│  QUESTIONS : 75    DURATION : 90 MINSS │
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LANGUAGE COMPREHENSION (Questions : 15)

Direction (Questions 1 – 5) : Fill in the blanks

1. She is a very difficult woman to cheat ; it won't be easy to —— .
    (A) pull the wool over her eyes   (B) pull her up start
    (C) pull strings   (D) pull her weight

2. Anger was palpable everywhere in the town as central forces and RAF jawans ——position at every ——.
    (A) took up, nook and corner   (B) took, corner
    (C) planning for, house   (D) have taken, corner

3. —— the figure of this fisherman comes —— my mind, I cannot but think that their number is not small who with their lives song to epic of the unfettered soul, but will never be known —— history.
    (A) When, to, in   (B) As, in, in
    (C) As, in, to   (D) After, to, to

4. After a —— review it was found that many financial institutions doesn't have proper —— in place and could unwillingly be financial illegal activities.
    (A) Routine, checks   (B) custom, timing
    (C) periodic, space   (D) suddenly, system

5. As the country as a whole more than half the population —— regular electricity as connections to the National grid are —— and generators are expensive.
    (A) short, faded   (B) lack, unenviable
    (C) requiring, fumy   (D) want, running

Direction for questions 6 to 7 : Replace the underlined words if the sentence is incorrect.

6. The actor and producer <u>has part</u> ways due to differences over communication.
    (A) Have parted ways   (B) have part ways
    (C) Have parting away   (D) No Correction

7. The state is <u>reeled from</u> the impact of acute financial crisis around the world.
    (A) Reeled at   (B) Reeling from
    (C) Reel for   (D) No Correction

Direction for Questions 8 to 10 : In the following questions identify whether there is any error in any part marked as A, B and C in the given sentences. If there is no error, that is the sentence is correct then mark your answer as D.

8. One of my cousin, (A) / who is studying in Canada, (B) / married an American (C).

9. There is plenty of (A) / water in the lakes, (B) / despite the drought this year (C).

10. Finally, he completed his presentation (A) / offer some constructive suggestions (B) / for further reading (C).

Direction (Question 11 - 12): Find out the correct meaning of the under-lined idioms

11. That fellow trumped up a story
    (A) Concocted   (B) Published
    (C) Explained   (D) Recollected

12. He takes after his father
    (A) Attacked   (B) Met accidentally
    (C) Agreed to live sociably with   (D) Resembles

Direction (Questions 13 – 14) : Find out a word that is opposite in meaning to the word given in italics..

13. *Obsequious* :
    (A) Intelligent   (B) Independent
    (C) Obscure   (D) Obstinate

14. *Ribald* :
    (A) Pure   (B) Conservative
    (C) Serious   (D) Critical

Direction (Question 15) : Substitute one word for the following expression.

15. A person who believes in the existence of God
    (A) Fresco   (B) Credulous
    (C) Theist   (D) Glutton

NUMERICAL ABILITY (Questions : 15)

16. Rana and Nikhil leave points x and y towards y and x respectively simultaneously and travel in the same route. After meeting each other on the way, Rana takes 4 hours to reach her destination, while Nikhil takes 9 hours to reach his destination. If the speed of Rana is 48 km/hr, what is the speed of Nikhil?
    (A) 72 kmph   (B) 32 mph
    (C) 20 mph   (D) None of these

17. Six boxes are numbered 1, 2, 3, 4, 5 and 6. Each box must contain either a white ball or a black ball. At least one box must contain a black ball and boxes containing black balls must be consecutively numbered. Find the total number of ways of placing the balls.
    (A)15   (B) 20
    (C) 21   (D) 36

18. In an examination full marks for two subjects are in the ratio 2 : 3. A student obtained 60% marks in English and 70% in English and Hindi taken together. What percent did he get in Hindi
    (A) 77.12%   (B) 76.50%
    (C) 76.70%   (D) 71%

19. The equation $x^2 + y^2 + 4x + 6y + 13 = 0$ represents
    (A) A circle   (B) A pair of two distinct straight lines
    (C) A pair of coincident straight lines   (D) A point

20. The length and breadth of a kitchen is 16.91 and 11.57 metres respectively. The minimum number of square tiles needed to cover the floor is
    (A) 240
    (B) 247
    (C) 189
    (D) None of these

21. Jar A and Jar B both contains mixture of milk and water. Jar A has 80 liters of mixture out of which 20%is water. The mixture in Jar B has 40% of water. The mixture of both the jars is poured in an empty jar C. Milk and water ratio in Jar C is 5:2. What is the quantity of milk in Jar C ?
    (A) 110
    (B) 105
    (C) 120
    (D) 100

22. A shopkeeper has two alternatives
    I. Giving 2 successive discounts of 20% and 30%.
    II. Giving 2 successive discounts of 39% and 15%.

    Which of the following is true?

    (A) Alternative I is better for the customer.
    (B) Alternative I is better than a discount of 42% for the shopkeeper.
    (C) Alternative II is better than a discount of 40% for the customer.
    (D) No conclusion is possible.

Direction for Questions 23 – 25 : Read the following paragraph and answer the questions

In a conference, total 240 students are there. Out of them 25% know Latin, 50% know French and 62.5% know English. 10 Students know all 3 languages. 25/3% students know Latin and French but don't know English and the same number of students knows Latin and English but doesn't know French.

23. How many students are there who know both English & French but don't know Latin?
    (A) 10
    (B) 30
    (C) 20
    (D) None of these

24. How many students are there who know only French?
    (A) 90
    (B) 30
    (C) 120
    (D) 60

25. How many students are there who know exactly two languages?
    (A) 40
    (B) 70
    (C) 80
    (D) 90

26. A student is to answer 10 out of 13 questions in an examination such that he must choose at least 4 from the first five questions. The number of choices available to him is
    (A) 346
    (B) 140
    (C) 196
    (D) 280

27. A bag contains 20 one rupee coins, 30 fifty paisa coins, 40 ten paisa coins and 30 five paisa coins. What is the probability that one of the coins taken out at random from the bag turns out to be one rupee, fifty paisa or five paisa coin ?
    (A) 1/3
    (B) 2/3
    (C) 3/4
    (D) 3/2

28. A man sells two mobile phones at Rs. 9,500/- each. On one he gains 20% and on the other he losses 20%. What is the percentage of profit or loss ?
    (A) 4.17% loss
    (B) 6.20% loss
    (C) 4.70% gain
    (D) 5.23% gain

29. X can do a piece of work in 12 days and Y can do it in 18 days. After doing half the job by X alone, Y takes over. How many days are altogether needed to complete the work ?
   (A) 12 days
   (B) 14 days
   (C) 15 days
   (D) 17 days

30. A train goes to Delhi from Howrah with a speed of 50 km/hr. and returns from Delhi to Howrah with a speed of 60 km/hr. the average speed is
   (A) 55 km/hr.
   (B) $27 \frac{3}{11}$ km/hr.
   (C) $54 \frac{6}{11}$ km/hr
   (D) None of these

GENERAL AWARENESS (Questions : 15)

31. The term 'FTZ' stands for
   (A) Fast track zone
   (B) Free trade zone
   (C) Foreign trading zone
   (D) Fast trade zone

32. The first recipient of the Rajib Gandhi Khel Ratna Award was
   (A) Limba Ram
   (B) Viswanathan Anand
   (C) Kapil Dev
   (D) Leander Peas

33. Net Growth Rate of population is determined by which of the following ?
   (A) Birth rate and death rate
   (B) Increase in total number of population per year
   (C) Birth rate in a country
   (D) Increase in sex ratio in a country per year

34. Urea content increases in blood due to malfunctioning of
   (A) Kidney
   (B) Heart
   (C) Small Intestine
   (D) None of these

35. 'El Nino' is a term associated with
   (A) Astrology
   (B) Meteorology
   (C) Medical Science
   (D) None of these

36. April 22 is observed every year as
   (A) Earth Day
   (B) World Environment Day
   (C) World Health Day
   (D) World Haemophilia Day

37. Deodhar Trophy, Rohinton Baria Trophy and Sheesh Mahal Trophy are associated with
   (A) Football
   (B) Cricket
   (C) Hockey
   (D) Badminton

38. Which of the following is a correct sequence of sea ports of India from "South to North"?
   (A) Cochin →Thiruvananthapuram→Calicut→Mangalore
   (B) Calicut→ Thiruvananthapuram→ Cochin→ Mangalore
   (C) Thiruvananthapuram→ Cochin→ Calicut→ Mangalore
   (D) Thiruvananthapuram→ Calicut→ Mangalore→ Cochin

39. Which of the following monasteries is known as Galden Namgey Lhatse ?
   (A) Hemis Monastery
   (B) Tawang Monastery
   (C) Bomdila Monastery
   (D) Namdroling Monastery

40. The Berne convention was pioneer convention in relation to protection of
   (A) Wildlife
   (B) Victims of wars
   (C) Intellectual property rights
   (D) Human rights

41. 'World Population Day' is observed on ——
   (A) 11th April
   (B) 11th May
   (C) 11th June
   (D) 11th July

42. The state of Bombay Presidency split into Maharashtra and Gujarat in the year ——
    (A) 1955
    (B) 1960
    (C) 1963
    (D) 1967

43. When was 'SECOND' first use as a unit of time ?
    (A) In 12th Century
    (B) In 15th Century
    (C) In 17th Century
    (D) In 19th Century

44. Which of the following states of India has the longest coastline?
    (A) Andhra Pradesh
    (B) Maharashtra
    (C) Orissa
    (D) Tamil Nadu

45. Which 19th century painter is also known for his series on 'Sunflowers' ?
    (A) Claude Monet
    (B) Vincent Van Gogh
    (C) Frederic Bazille
    (D) Edgar Degas

REASONING (Questions : 15)

Direction (Question 46 - 50): Study the information carefully and answer the questions

Eight persons H, I, J, K, L, M, N and O are standing in a straight line at equidistant. Some of them are facing north while others are facing south. M is standing third to the right of to H. M is standing at one of the extreme ends; L is standing third to the left of H. The immediate neighbours of J face north. N is a non immediate neighbour of H. The persons standing at the extreme ends face same directions (Both facing either north of south). The immediate neighbours of H face just opposite directions as that of M. The immediate neighbours of O face opposite directions with respect to each other. One of the immediate neighbours of L is K who is facing north. I is standing between J and M. Not more than four persons are facing north

46. Who among the following is third to the left of N ?
    (A) K
    (B) J
    (C) H
    (D) I

47. The immediate neighbours of L are
    (A) M and N
    (B) N and O
    (C) K and N
    (D) N and H

48. How many persons are standing between I and O ?
    (A) Three
    (B) Four
    (C) One
    (D) Two

49. Who among the following is immediate left to H ?
    (A) O
    (B) J
    (C) I
    (D) K

50. Who among the following is exactly between L and J ?
    (A) N
    (B) O
    (C) H
    (D) I

51. If in a certain code language, PREMONITION is written as 68530492904, how will the word MONITOR be written in that code?
    (A) 1234567
    (B) 3049208
    (C) 3029408
    (D) None of these

52. Replace "?"
    2Z5, 7Y7, 14X9, 23W11, 34V13, ?
    (A) 27U24
    (B) 45U15
    (C) 47U15
    (D) 47V14

53. APZLT, CQYNR, ERXPP, GSWRN, ?
    (A) KVIJUJ   (B) JUUVK
    (C) ITVTL   (D) KUUVJ

54. ZBAY, JRQI, OMLN, YCBX, ?
    (A) DXWC   (B) XCBY
    (C) VDEW   (D) FUVE

55. Analyze the given problems using appropriate logic - In a group of five person A, B, C, D and E one plays Tennis, one plays Chess and one Hockey. A and D are unmarried women and· play no game. There is a couple among them where E is husband of C. No women play either Chess or Hockey. B is the brother of C and he neither plays Tennis nor Chess. Who plays Hockey here?
    (A) A   (B) B
    (C) C   (D) E

Direction (Questions 56 – 57) : In each question two statements are given (marked as (i) and (ii)) followed by two conclusions (marked as (I) and (II)). You have to take the given sentences to be true and decide which of the given conclusions logically follow from the statements. Indicate
(A) if only conclusion I follows   **(B) if only conclusion II follows**
(C) if neither I nor II follows   **(D) if both I and II follow**

56. Statements   Conclusions
    i) All elephants are birds   I) Some cows are birds
    ii) Some birds are cows   II) Some elephants are cows

57. Statements   Conclusions
    i) All papers are pencils   I) Some erasers are papers
    ii) All pencils are erasers   II) Some pencils are not papers

Direction (Questions 58 – 59) : *Find out the missing numbers (shown by ?) in the following series.*

58. 4,   9,   7,   5,   11,   9,   7,   14,   ?
    (A) 11   (B) 12
    (C) 9   (D) 10

59. 1,   4,   10,   22,   46,   ?
    (A) 94   (B) 92
    (C) 142   (D) 90

60.   *Stars : Constellation* as
    (A) Footballers : Field   (B) Furniture : Table
    (C) Words : Glossary   (D) Tree : Flowers

DATA INTERPRETATION (Questions : 15)

61. The age of father is 30 years more than the son's age. Ten years hence, the father's age will become three times the son's age that time. What is the son's present age in years?
    (A) Eight   (B) Seven
    (C) Five   (D) Cannot be determined

Direction (Questions 62 - 63) : Study the following table to answer the questions

Changing pattern of food grain consumption

Year	Rice	Wheat	Coarse grains	Pulses
		Grams per day		
1951-53	161	62	131	61
1961-63	197	81	116	64
1971-73	187	116	103	46
1977-79	189	124	101	44
1987-89	201	137	86	64

62. What is the average consumption of wheat in grams for the given set of years ?
    (A) 520   (B) 130
    (C) 104   (D) 187

63. For which food grain is the consumption same for any two given set of years?
    (A) Rice   (B) Wheat
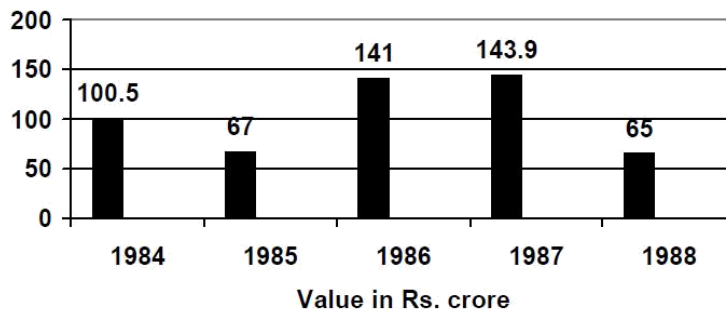   (C) Coarse Grains   (D) Pulses

Direction (Questions 64 - 65) : Study the given table to answer the questions.

Employees	January	February	March
	Overtime earned by five employees in three months in rupees		
A	2700	2580	2470
B	750	1045	1030
C	1680	1595	1890
D	280	345	330
E	720	810	950

64. The earning of which employee showed the steady increase from January to March ?
    (A) A   (B) B
    (C) C   (D) E

65. The overtime earned by employee E in March was approximately what percent of overtime earned by employee A in January ?
    (A) 25   (B) 27
    (C) 38   (D) Data inadequate

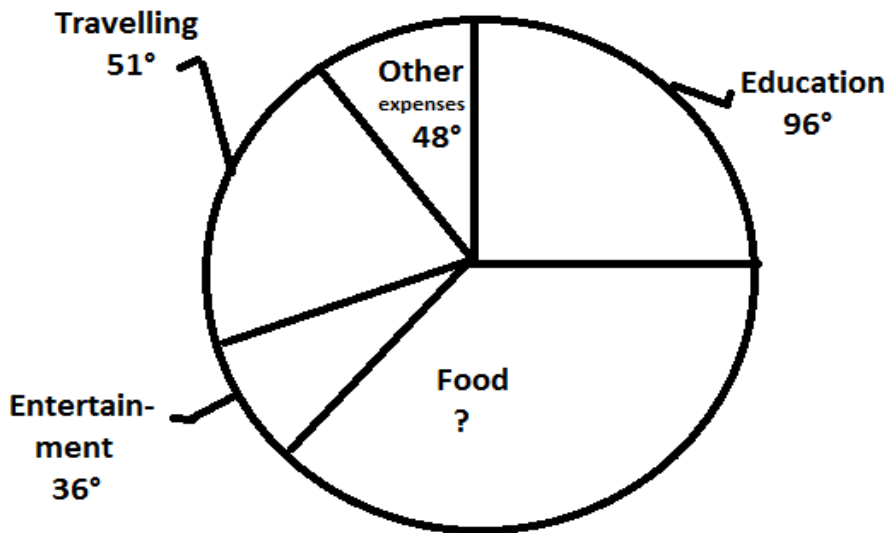**Direction for Questions 66 to 67 : Study the graph and answer the questions.**

Project Exports:Contracts Secured

Value in Rs. crore

66. What is the average value of the contract secured during the years shown in the diagram?
    (A) Rs. 103.48 crore   (B) Rs. 105 crore
    (C) Rs. 100 crore   (D) Rs.125.2 crore

67. Which is the year in which the highest percentage decline is seen in the value of contract secure d compared to the preceding year?
    (A) 1985   (B) 1988
    (C) 1984   (D) 1986

Direction for Questions 68 to 72 : Study the following pie-chart and table carefully to answer the questions.

The given pie-chart shows the distribution of the monthly family budget of a person. The following table shows the further distribution (in percent) of the above-mentioned items among the five family members i.e P (the person himself), W (his wife), Rahul (son), Rohit (son), and Preeti (his daughter). His monthly family budget is Rs. 1,20,000.
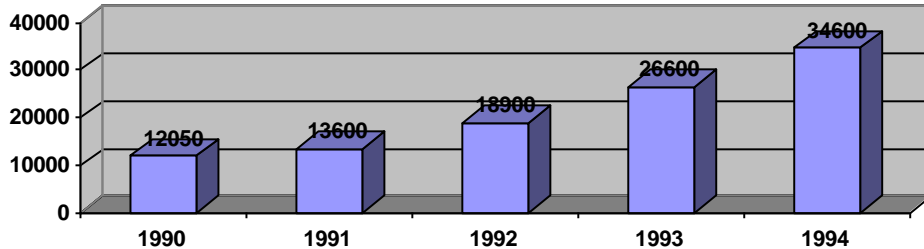
Travelling 51°, Other expenses 48°, Education 96°, Entertainment 36°, Food ?

	Education	Food	Entertainment	Travelling	Other expenses
P	10	30	10	40	20
W	15	25	30	10	25
Rahul	40	20	20	25	20
Rohit	25	15	25	10	10
Preeti	10	10	15	15	25

68. What is the average expense of P?
    (A) Rs. 5620   (B) Rs. 5640
    (C) Rs. 5460   (D) None of these

69. What is the approximate percentage increase in the amount Which Rahul enjoys for entertainment as compared to Preeti for the same?
    (A) 33%   (B) 31%
    (C) 37%   (D) None of these

70. The average expenses of Rohit is approximately what percent of the average expenses of W (Wife)?
    (A) 76.4%   (B) 81.5
    (C) 79.5%   (D) 83.5%

71. Find the difference (in percentage of the budget) between the average expenses of Education and the average expenses on Entertainment of the couple?
    (A) 1.3%   (B) 0.9%
    (C) 3. 2%   (D) None of these

72. The total amount spent by Rahul on Travelling and Food is approximately what percent of the total amount spent by Preeti on Education and Food?

    (A) 168%

    (B) 3. 171%

    (C) 175%

    (D) None of these

Direction (Questions 73 - 75) : **The Bar Diagram shows the production of electronic equipment from 1990 - 94. Study the graph to answer the questions.**

Production of electronic equipment

73. If the production in 1990 is taken as base 100, what is the index of approximate production in 1994 ?

    (A) 147

    (B) 247

    (C) 267

    (D) 287

74. The increase in production over the previous year for 1992 is how many times that for 1991?

    (A) 3 times

    (B) 3.2 times

    (C) 3.4 times

    (D) 4 times

75. Percentage increase (approx.) in production during 1992 compared to 1991 is

    (A) 19

    (B) 29

    (C) 39

    (D) 57