

SET

15

MODEL PRACTICE SET

ENGLISH LANGUAGE

Directions (1-5) : In each of the following questions, each sentence has a blank indicating that something has been omitted. Choose the word that best fits the meaning of the sentence as a whole.

1. When he awoke the next morning after the storm, he saw the garden wall had _____ and fallen down.
(1) break (2) crushed
(3) crumbled (4) cave
(5) collapse
2. Some insurance companies require that at least five years should have _____ before a smoker could be considered a non-smoker.
(1) disappeared
(2) elapsed
(3) past
(4) survived
(5) occur
3. Even after taking all these factors into account, the company's operating profit is _____.
(1) allowed
(2) impressive
(3) extraordinarily
(4) touching
(5) remarkably
4. Financial experts advise that as the cost of medicines and treatment is on the _____ you should plan insurance wisely.
(1) high (2) alert
(3) growth (4) slope
(5) rise
5. _____ he noticed the discrepancy in figures, he demanded an explanation.
(1) Although (2) When
(3) Why (4) Despite
(5) During

Directions (6-10) : In the following questions, a sentence with four words in bold type is given. One of these words given in bold may be either wrongly spelt or inappropriate in the context of the sentence. Find out the word which is wrongly spelt or inappropriate, if any. That word is your answer. If all the words given in bold are correctly spelt and also appropriate in the context of the sentence, select 'All correct' as your answer.

6. The **shepherd** went into the **pain** to look for a **meaty** **sheep**.
(1) shepherd (2) pain
(3) meaty (4) sheep
(5) All correct
7. There is a **serial killer** on the **lose** after who has been **targeting** local children.
(1) serial (2) killer
(3) lose (4) targeting
(5) All correct
8. The Russians have been **proved** to **possess** a sudden **flare** for the **dramatic**.
(1) proved (2) possess
(3) flare (4) dramatic
(5) All correct
9. The snake **lay** **quiett** **motionless** so, the crow thought it to be **dead**.
(1) lay (2) quiett
(3) motionless
(4) dead (5) All correct
10. Some colleges **wave** their fees or **earn** them by offering **gold-ance** and **oversight**.
(1) wave (2) earn
(3) guidance
(4) oversight
(5) All correct

Directions (11-15) : Rearrange the following eight sentences/group of sentences (A), (B), (C),

(D), (E), (F), (G) and (H) in the proper sequence to form a meaningful paragraph; then answer the questions given below them.

- (A) Both Ram and Sham realized their mistake and were ashamed about what they had said.
- (B) Vivek happened to overhear their conversation and was very angry with both of them for criticising the tree.
- (C) Two friends, Ram and Sham, were seeking respite from the searing heat of the midday sun when they saw a huge leafy tree.
- (D) "It's a plain tree," said his friend. "Don't waste your time looking for fruits. It produces neither edible fruits nor good wood. It's one of the most useless trees around."
- (E) "How can you say such a thing when you're enjoying the shade of this beautiful tree at this very moment?" snapped Vivek unable to control his anger.
- (F) They took shelter under the huge leafy tree and soon felt cool and refreshed.
- (G) Busy belittling the tree both Ram and Sham did not notice that another person, Vivek, was lying on the other side of the tree taking shelter.
- (H) "What sort of tree is this? Does it produce edible fruits?" asked Ram.
11. Which of the following should be the **SECOND** sentence after the rearrangement?
(1) A (2) B
(3) E (4) F
(5) G
12. Which of the following should be the **EIGHTH (LAST)** sentence after the rearrangement?
(1) A (2) B
(3) D (4) E
(5) F

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13. Which of the following should be the **FIFTH** sentence after the rearrangement?

- (1) D (2) E
(3) F (4) G
(5) H

14. Which of the following should be the **FIRST** sentence after the rearrangement?

- (1) A (2) B
(3) C (4) D
(5) E

15. Which of the following should be the **FOURTH** sentence after the rearrangement?

- (1) D (2) E
(3) F (4) G
(5) H

Directions (16-20) : In the following passage there are blanks, each of which has been numbered. These numbers are printed below the passage, against each, five words are suggested, one of which fits the blank appropriately. Find out the appropriate word in each case.

Once upon a time, a bed bug had made its home in the grand, ornamental bed of the king. The bed bug led a regal and peaceful life as he **(16)** on the king's sweet blood.

One day, a flea drifted into the king's bedroom and flew straight into the king's bed. The bed bug immediately scolded the intruder and told him that he had come to the wrong place. "You better leave before someone notices you," he warned. "If you are discovered lurking here, you will be killed at once." The flea replied, "My dear friend, how **(17)** and rude you are! Don't you know that you must welcome a guest with polite words? Besides, I have come here with a purpose. Though I have tasted the blood of many people and beasts, **(18)** have I tasted the royal blood of a king. I have heard that it is delicious beyond compare and I long to have a sip of it. Please allow me a bite of the king just once?"

The bug replied, "Oh flea, I suck the blood of the king when he is fast **(19)**. I am careful to bite him so gently that he never feels my bite. You are much too impatient. I'll agree to let you have one bite of the king, but you will have to wait till I am finished myself." The flea was

delighted to **(20)** this.

16. (1) drank (2) live
(3) feasted (4) ate
(5) mixed

17. (1) inhospitable
(2) very (3) nice
(4) smaller (5) totally

18. (1) nor (2) and
(3) also (4) never
(5) but

19. (1) moving (2) asleep
(3) snoring (4) sleeping
(5) snored

20. (1) doing (2) hear
(3) give (4) see
(5) listen

Directions (21-30) : Read the following passage carefully and answer the following questions. Certain words/phrases have been given in **bold** to help you locate them while answering some of the questions.

Once upon a time, there was a boy named Lenny. Lenny invented all kinds of contraptions. One day Lenny decided he wanted to fly. "I am going to invent some wings and fly," Lenny told his friend Rudy. "You're crazy. You won't even get off the ground," said Rudy. "You'll see," said Lenny. So he went down to his workshop and began working. Day and night, he worked. No one saw Lenny for weeks. Then one day he came out of his workshop with a great big grin on his face. He called Rudy on the phone, "Rudy, tomorrow I will fly, but I need your help," said Lenny. "Wings?" asked Rudy. "Yes," said Lenny. "They're a little heavy though. I need you to help me drag them up to the top of Kill Devil Hill. I made them out of some scrap metal. I had laid around from when I built my helicopter last year," said Lenny. "Metal! Don't you think that will be too heavy to use for wings?" asked Rudy. "No, I will be like a human airplane," said Lenny. "Ok, I will be over and we'll try them out", said Rudy.

The next morning they dragged the wings up to the top of the hill and Lenny strapped them on. "The faster I run, the lighter they will get. The wind will lift me up and I will

be flying," said Lenny, quite confidently. So, Lenny backed up about fifty feet and started running. As he ran, the weight of the wings started to wear out his legs and he got lower and lower to the ground. Just as he got to the crest of the hill, his legs gave out and he skidded across the ground on his face. "I guess you may be right they are a little heavy, but I know the shape is just right. I will just go back to the workshop and make them out of something lighter," said Lenny.

A couple of weeks later Lenny called up Rudy. "I've done it," said Lenny. "I reworked the wings. I made them out of wood and tissue paper. These things are so light I may get going by simple jumping off the roof." When Rudy arrived, Lenny was already up on the roof with these wings. Lenny backed up a little and took a quick dash and a jump.

SMACK! The wings broke right off and Lenny landed on his head in the middle of some bushes next to the house. "I guess they may have been a little weak, but I know the shape is just right. I will just go back to the workshop and make them out of something not as heavy as the scrap metal and not as light as the tissue paper," said Lenny. A couple of weeks later Lenny called up Rudy, "I reworked the wings. I made them out of wax and balsa wood. These things just look like bird's wings. Meet me at Kill Devil Hill," said Lenny. When Rudy arrived, he saw the wings. They did look good. Rudy helped him strap on the wings. Lenny backed up and began running towards the crest of the hill. He didn't slow down and just as he got to the edge of the hill, he started to lift up into the air. He was flying! He flew higher and higher. He was really getting high now, and he started to worry. "How do I land these things?" he asked himself. That question was about to be answered. All of a sudden, he noticed that his wings were starting to melt. He had risen so high that the sun was starting to melt the wax he used to make the wings. Pretty soon he had little tiny wings and he was flying about a hundred miles an hour down towards the

MODEL P
woods. He
Rudy ran
asked. "Y
definitely
this is to
Lenny.
21. Wix
firs
wir
(1)

(2)

(3)

(4)

(5)

22.

woods. He crashed into the trees. Rudy ran up. "Are you all right?" he asked. "Yeah, I think so, but I am definitely going to quit trying to fly. This is too rough on the body" said Lenny.

21. Why could Lenny not fly the first time around with the wings he had designed?

- (1) These were not tied securely and fell off.
- (2) These were made of a material which melted in the rain.
- (3) These broke on jumping off the cliff.
- (4) These were too light to help carry his weight.
- (5) Other than those given as options.

22. Which of the following is true according to the story?

- (1) Rudy too tried to fly with the help of Lenny's contraption.
- (2) Rudy was as brilliant as Lenny when it came to inventing things.
- (3) Lenny had to pay with his life in order for his dream to become a reality.
- (4) Although Lenny did manage to fly in the end, he did not know how to land.
- (5) All the given statements are true.

23. Choose the word which is most opposite in meaning to the word/s given in **bold** as used in the passage.

Backed up

- (1) proceeded
- (2) protested
- (3) supported
- (4) topped
- (5) jumped

24. Which of the following can be the most appropriate title for the story?

- (1) Lenny-The Flying Inventor
- (2) The Story of Rudy
- (3) The Failure Named Lenny
- (4) How to Make Airplanes
- (5) Flying Across a Cliff

25. Which of the following cannot be said about Lenny?

- (1) Lenny successfully learnt from his mistakes and improved upon them.
- (2) Lenny sought Rudy's help several times so that he could use his wings to fly.
- (3) Lenny continued to make better wings for flying till the end of his life.

- (1) Only A
- (2) Only A and B
- (3) Only C
- (4) All A, B and C
- (5) Only A and C

26. Choose the word which is most opposite in meaning to the word/s given in **bold** as used in the passage.

Crest

- (1) depth
- (2) bottom
- (3) back
- (4) peak
- (5) feather

27. Which one of the following aspects of Lenny's personality comes across very strongly in the story?

- (1) He was an extremely friendly person and made a lot of friends.
- (2) He was physically very strong.
- (3) He excelled at studies.
- (4) His imagination was completely out of control.
- (5) He was determined and focused.

28. Choose the word which is most similar in meaning to the word/s given in **bold** as used in the passage.

Rough

- (1) smooth
- (2) coarse
- (3) uneven
- (4) harsh
- (5) spotted

29. Which of the following can be said about Rudy?

- (1) He was in fact jealous of Lenny.
- (2) He was a supportive friend.
- (3) He never once questioned Lenny's ideas.
- (1) Only A
- (2) Only B
- (3) Only C
- (4) All A, B and C
- (5) Only A and B

30. Choose the word which is most similar in meaning to the word/s given in **bold** as used in the passage.

Wear

- (1) sport
- (2) bear
- (3) tire
- (4) don
- (5) display

NUMERICAL ABILITY

Directions (31-35) : What should come in place of the question mark (?) in the following questions?

(NOTE : You are not expected to calculate the exact value)

31. $1504 \times 5.865 - 24.091 = ?$

- (1) 7200
- (2) 9500
- (3) 6950
- (4) 5480
- (5) 8800

32. $16.928 + 24.7582 + 5.015 = ?$

- (1) 35
- (2) 40
- (3) 22
- (4) 12
- (5) 45

33. $\sqrt[3]{7.938} \times (6.120)^2 - 4.9256 = ?$

- (1) 70
- (2) 55
- (3) 30
- (4) 25
- (5) 90

34. $16.046 \div 2.8 \times 0.599 = ?$

- (1) 3.5
- (2) 7.9
- (3) 1.9
- (4) 5.8
- (5) 6.2

35. $\sqrt{963} + (4.895)^2 - 9.24 = ?$

- (1) 60
- (2) 35
- (3) 85
- (4) 45
- (5) 25

Directions (36-45) : What should come in place of the question mark (?) in the following questions?

36. $(12 \times 19) + (13 \times 8) = (15 \times 14) + ?$

- (1) 124
- (2) 122
- (3) 126
- (4) 128
- (5) None of these

37. $\sqrt{65 \times 12 - 50 + 54} = ?$

- (1) $\sqrt{28}$
- (2) 28^2
- (3) 28
- (4) 784
- (5) None of these

38. $152 \times 8 + (228 + 19)^2 = ?$

- (1) 1360
- (2) 1354
- (3) 1368
- (4) 1381
- (5) None of these

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39. $38.734 + 8.638 - 5.19 = ?$

- (1) 41.971 (2) 42.179
(3) 43.072 (4) 42.182
(5) None of these

40. $7^{3.9} \div (343)^{1.7} \times (49)^{4.8} = ?$

- (1) 13.4 (2) 12.8
(3) 11.4 (4) 9.6
(5) None of these

41. $(42 \times 3.2) + (16 \times 1.5) = ?$

- (1) 5.9 (2) 5.6
(3) 6.1 (4) 4.8
(5) None of these

42. $342 \div 6 \times 28 = 1099 \div ?$

- (1) 478 (2) 502
(3) 486 (4) 504
(5) None of these

43. $\frac{9.8 \times 2.5 \times 7.6}{0.5} = ?$

- (1) 384.2 (2) 379.5
(3) 364.3 (4) 372.4
(5) None of these

44. $\frac{3}{5}$ of $\frac{2}{7}$ of $? = 428$

- (1) 2490 (2) 2565
(3) 2475 (4) 2485
(5) None of these

45. $\frac{13}{63} + \frac{104}{14} \times \frac{52}{19} = ?$

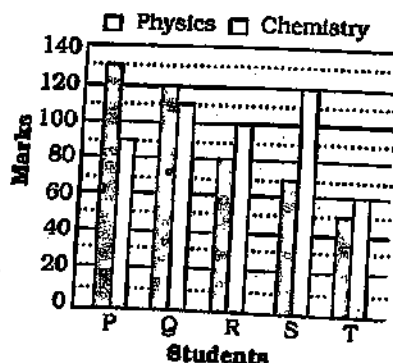
- (1) $\frac{12}{173}$ (2) $\frac{13}{171}$

- (3) $\frac{17}{171}$ (4) $\frac{18}{171}$

(5) None of these

Directions (46-50) : Study the following bar graph carefully to answer the questions.

Marks Obtained By Five Students in Physics and Chemistry



46. Marks obtained by S in Chemistry is what per cent of the total marks obtained by all the students in Chemistry?

- (1) 25 (2) 28.5
(3) 35 (4) 31.5
(5) 22

47. If the marks obtained by T in Physics were increased by 14% of the original marks, what would be his new approximate percentage in Physics if the maximum marks in Physics were 140?

- (1) 57 (2) 32
(3) 38 (4) 48
(5) 41

48. Fill in the blank space in order to make the sentence correct as per the given information. Total marks obtained by T in both the subjects together is more than the marks obtained by —

- (1) Q in Chemistry
(2) R in Physics
(3) S in Chemistry
(4) P in Physics
(5) R in both the subjects together

49. What is the respective ratio between the total marks obtained by P in Physics and Chemistry together to the total marks obtained by T in Physics and Chemistry together?

- (1) 3 : 2 (2) 4 : 3
(3) 5 : 3 (4) 2 : 1
(5) None of these

50. What is the respective ratio between the total marks obtained by Q and S together in Chemistry to the total marks obtained by P and R together in Physics?

- (1) 23 : 25 (2) 23 : 21
(3) 17 : 19 (4) 17 : 23
(5) None of these

51. Present age of A is equal to B's age four years ago. The respective ratio between the present ages of A and C is 6 : 5. If B is 8 years older than C, what is B's present age? (in years)

- (1) 20 (2) 24
(3) 28 (4) 32
(5) 26

52. The average score of the boys in a class is 34 and the average score of the girls in the same class is 42. If the average score of the whole class (boys and girls together) is 37, how many girls are there in the class?

- (1) 15 (2) 30
(3) 24 (4) 18
(5) 20

53. The speed of a boat in still water is 17.5 kmph and the speed of the stream is 3.5 kmph. If the boat takes a total time of 7 hours 40 minutes to travel from point A to B (upstream) and then returning to point A (downstream), what is the distance between points A and B? (in km)

- (1) 61.6 (2) 58.8
(3) 67.2 (4) 64.4
(5) 62.4

54. A and B started a business with investments in the respective ratio of 4 : 7. After 6 months from the start of the business C joined them with an investment equal to half of B's investment. If the difference between A's share of annual profit and B's share of annual profit is Rs. 2160, what is C's share in the annual profit?

- (1) Rs. 1180 (2) Rs. 1260
(3) Rs. 1680 (4) Rs. 1360
(5) Rs. 1320

55. 16 men can finish a project in 45 days. Only 36 men started working and after 4 days 12 women replaced them. If these 12 women could finish the remaining work in 54 days, how many days will only 12 women take to finish the complete project?

- (1) 71.5 (2) 68.5
(3) 67.5 (4) 69
(5) 66

56. The sum of diameter and circumference of circle A is 200 metre. If the radius of the circle B is 10.5 metre less than the radius of circle A, what is the circumference of circle B? (in metre)

- (1) 88 (2) 77

- (3) 96 (4) 110
(5) 66

67. The percent loss incurred when an article is sold for Rs. 539 is double of the percent loss incurred when the same article is sold for Rs. 654.50. What is the cost price of the article?

- (1) Rs. 770 (2) Rs. 795
(3) Rs. 765 (4) Rs. 790
(5) Rs. 775

68. 855 candidates applied for a job, out of which 80% of the candidates were rejected. How many candidates were selected for the job?

- (1) 684 (2) 151
(3) 676 (4) 179
(5) None of these

69. Average of five numbers is 61. If the average of first and third numbers is 69 and the average of second and fourth numbers is 69, what is the fifth number?

- (1) 31 (2) 29
(3) 25 (4) 35
(5) None of these

70. The respective ratio between the present ages of father, mother and daughter is 7 : 6 : 2. The difference between mother's and the daughter's age is 24 years. What is the father's age at present?

- (1) 43 years (2) 42 years
(3) 39 years (4) 38 years
(5) None of these

71. Average weight of 19 men is 74 kgs. and the average weight of 38 women is 63 kgs. What is the average weight (rounded off to the nearest integer) of all the men and the women together?

- (1) 59 kgs. (2) 65 kgs.
(3) 69 kgs (4) 67 kgs.
(5) 71 kgs.

72. What should come in place of the question mark so that it satisfies inequality of the equation? $32\% \text{ of } 750 < ?$

- (1) 23% of 600

- (2) 46% of 207
(3) 98% of 250
(4) 75% of 320
(5) None of these

73. Matthew scored 42 marks in biology, 51 marks in chemistry, 58 marks in mathematics, 35 marks in physics and 48 marks in English. The maximum marks a student can score in each subject are 60. How much overall percentage did Matthew get in this exam?

- (1) 76 (2) 82
(3) 68 (4) 78
(5) None of these

74. Bus fare between Raipur and Mirpur for one adult is six times the fare for one child. If an adult's bus fare is ₹ 114, how much amount will be paid by 4 adults and 5 children together for travelling the same distance?

- (1) ₹ 505 (2) ₹ 551
(3) ₹ 572 (4) ₹ 560
(5) None of these

75. A truck covers a distance of 368 km at a certain speed in 8 hours. How much time would a car take at an average speed which is 18 km/hr more than that of the speed of the truck to cover a distance which is 16 km more than that travelled by the truck?

- (1) 7 hrs (2) 5 hrs
(3) 6 hrs (4) 8 hrs
(5) None of these

REASONING ABILITY

Directions (66-70) : In each of the following questions, relationship between different elements is shown in the statements. The statements are followed by two Conclusions numbered I and II. Study the Conclusions based on the given statements and select the appropriate answer :

Give answer (1) if only Conclusion I is true.

Give answer (2) if only Conclusion II is true.

Give answer (3) if both the Conclusion I and Conclusion II are true.

Give answer (4) if neither Conclusion I nor Conclusion II is true

Give answer (5) if either Conclusion I or Conclusion II is true

66. Statement :

$$B > R > I \geq G \geq H = T$$

Conclusions :

I. $B > H$

II. $T \leq I$

67. Statement :

$$R < B \leq O = N \geq S < V$$

Conclusions :

I. $B \leq V$

II. $N > R$

68. Statement :

$$C > H > A < R > G = E$$

Conclusions :

I. $C > R$

II. $E < H$

69. Statements :

$$S < T = I \leq C \leq K;$$

$$T \geq P$$

Conclusions :

I. $P < K$

II. $K = P$

70. Statements :

$$T > Y \geq U < E \geq W;$$

$$G < U > B$$

Conclusions :

I. $T > U$

II. $G < W$

71. Which of the following will come next in the following

On-line Shopping

BOOKS AND MAGAZINES
of Kiran Prakashan

Get books
and magazines of
Kiran Prakashan
at your doorstep easily,
log on our website :

www.kiranprakashan.com

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series ?

0901901290123901
2349012345901234
5

- (1) 0 (2) 6
(3) 9 (4) 7
(5) 4

Directions (72-74) : Study the given information carefully and answer the given questions :

Among six people - A, B, C, D, E and F each of a different age, A is younger than only D. Only three people are younger than C. F is younger than E. F is not the youngest.

72. Who amongst the following is the youngest ?

- (1) B (2) A
(3) E (4) C
(5) None of these

73. If E's age is 16 years, then which of the following may be E's age ?

- (1) 19 years (2) 22 years
(3) 18 years (4) 17 years
(5) 12 years

74. How many people are younger than E ?

- (1) One (2) Two
(3) Three (4) Four
(5) More than four

75. 'Talk' is related to 'Speak' in a certain way. Similarly, 'Honest' is related to 'Truthful'. Following the same logic, 'Listen' is related to _____.

- (1) Music (2) Ears
(3) Hear (4) Ignore
(5) Sound

76. How many such pairs of letters are there in the word WONDERS, each of which has as many letters between them in the word (in both forward and backward directions) as they have between them in the English alphabetical series ?

- (1) One
(2) Two
(3) Three
(4) More than three
(5) None

77. In a certain code language, 'DRINK' is coded as 'JMHQC' and 'BLOTS' is coded as 'RSNKA'. In the same code language, 'HONEY' will be coded as _____.

- (1) XDMOG (2) GNMDX
(3) XDMNG (4) DXMGN
(5) Cannot be determined

Directions (78-79) : Study the given information carefully and answer the given questions :

Twenty students are standing in a straight line facing north. Rina is standing sixth from the left end. There are only three students between Rina and Shweta. Radha is standing exactly between Shweta and Rina. Tina is standing sixth to the right of Radha. Anita is standing fourth from the right end of the line. There are more than four students between Rina and Tina.

78. How many people are standing between Anita and Tina ?

- (1) One (2) Two
(3) Three (4) None
(5) More than three

79. What is Shweta's position with respect to Anita ?

- (1) Sixth to the left
(2) Eighth to the left
(3) Seventh to the left
(4) Ninth to the left
(5) None of these

80. Which of the following will come in the place of the question mark (?) in the following series based on the English alphabetical order ?

- ZYW VUS RQO ? JIG
(1) KMN (2) MNK
(3) NLK (4) NMK
(5) NML

Directions (81-85) : Study the following information carefully and answer the questions given below :

Eight persons - P, Q, R, S, T, U, V and W - are sitting around a circular table facing the centre, with equal distance between each other but not necessarily in the same order. R sits second to left of U. Only two persons sit between R and T. V sits third to the right of S. Neither S nor V is an immediate neighbour of U. Only two persons sit between U and Q. W is not an immediate neighbour of Q.

81. How many persons are sitting between S and T when counted from the right of T ?

- (1) More than three
(2) Three (3) None
(4) Two (5) One

82. Who is/are sitting exactly between U and Q when counted from the right of U ?

- (1) R, W (2) S, T
(3) P, R (4) T, V
(5) V, W

83. What is W's position with respect to Q ?

- (1) Fourth to the left
(2) Third to the right
(3) Second to the right
(4) Second to the left
(5) Third to the left

84. Which of the following statements is true regarding P ?

- (1) None of the given options is true.
(2) P sits second to right of R.
(3) S sits to immediate right of P.
(4) Only three persons sit between P and U.
(5) P is an immediate neighbour of both S and T.

85. Who is sitting third to the left of W ?

- (1) T (2) V
(3) P (4) R
(5) Q

Directions (86-90) : In each of the following questions, two/three statements followed by two Conclusions numbered I and II have been given. You have to take the given statements to be true even if they seem to be at a variance from commonly known facts and then decide which of the given Conclusions logically follow from the given statements disregarding commonly known facts.

Give answer (1) if only Conclusion II follows.

Give answer (2) if only Conclusion I follows.

Give answer (3) if both Conclusion I and Conclusion II follow.

Give answer (4) if neither Conclusion I nor Conclusion II follows.

Give answer (5) if either Conclusion I or Conclusion II follows.

Statements :

- I. Some digits are numbers.
 II. Numbers are characters.
 III. A character is an alphabet.

Conclusions

- I. Some digits are alphabet.
 II. No digit is an alphabet.

Conclusions

- I. All numbers are digits.
 II. No digit is a character.

Statements :

- I. All pinks are blues.
 II. All yellows are pinks.
 III. Some colours are pinks.

Conclusions

- I. At least some colours are blues.
 II. All pinks being colours is a possibility.

Conclusions

- I. All yellows are blues.
 II. At least some yellows are colours.

Statement :

- I. All roads are paths.
 II. No path is a bridge.

Conclusions

- I. Some bridges are roads.
 II. At least some paths are roads.

Directions (91-95) : Study the given information carefully and answer the given questions :

Auditions for a show were held in seven different cities of India - Chennai, Bangalore, Cochin, Mumbai, Delhi, Bhopal and Kolkata, not necessarily in the same order, during the first seven months of the year 2011 (starting in January and ending in July). The auditions were held only in one city during a month. Auditions in only four cities were held between the Kolkata audition and the Cochin audition. The Kolkata audition was not held in June. Only one audition was held between the Kolkata audition and the Bangalore audition. The Chennai audition was held immediately after the Kolkata audition. The Delhi audition was held immediately before the Bhopal audition. The Bhopal audition was not held in

91. How many auditions were held between the Mumbai audition and the Chennai audition ?

- (1) One (2) Two
 (3) Three (4) None
 (5) More than three

92. Which of the following statements is true according to the given sequence ?

- (1) The Mumbai audition was held in July
 (2) Delhi audition was held in April
 (3) Cochin audition was held before May
 (4) Kolkata audition was held in January
 (5) None is true

93. Four of the following five are alike in a certain way based on the given sequence and hence form a group. Which one does not belong to the group ?

- (1) January - Kolkata
 (2) March - Bangalore
 (3) June - Cochin
 (4) May - Delhi
 (5) February - Chennai

94. During March, the audition was held in which of the following cities ?

- (1) Bangalore (2) Kolkata
 (3) Mumbai (4) Chennai
 (5) None of these

95. The audition in Mumbai was held in which of the following months ?

- (1) July (2) May
 (3) February (4) March
 (5) None of these

Directions (96-100) : These questions are based on the following five three digits numbers :

587 649 378 925 864

96. If '2' is subtracted from all the odd numbers and '1' is subtracted from all the even numbers and then the numbers are arranged in ascending order, which of the following will be the second largest number ?

- (1) 925 (2) 378
 (3) 587 (4) 864
 (5) 649

97. If the positions of the first and the third digits in each of the numbers are interchanged, then what will be the differ-

ence between the first and third digits of the second largest number thus formed ?

- (1) 6 (2) 5
 (3) 4 (4) 2
 (5) 1

98. If all the three digits within each number are arranged in ascending order then what will be the third digit of the smallest number thus formed ?

- (1) 2 (2) 5
 (3) 7 (4) 6
 (5) 9

99. In which of these numbers, the sum of all the three digits is an odd number ?

- (1) 378 (2) 925
 (3) 649 (4) 864
 (5) 587

100. If '1' is added to the first digit in each number and then the position of the first and the third digits are interchanged, which of the following will be the third digit of the second highest number thus formed ?

- (1) 7 (2) 5
 (3) 4 (4) 3
 (5) 8

ANSWERS

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

EXPLANATIONS

1. (3) **Crumble (Verb)** = to break into pieces.
If a building is crumbling, parts of it are breaking off.
2. (2) **Elope (Verb)** = go by : if a period of time elapses, it passes.
3. (2) **Impressive (Adjective)** = making you feel admiration.
4. (5) **On high** = in a high place
On the rise = increase
5. (2) When \Rightarrow After ; considering that
6. (2) **Go to great pains to do something** = to put a lot of effort into doing something.
7. (3) **On the loose** = having escaped from somewhere; free.
8. (4) Here, not an Adjective; but a Noun i.e. **drama** should be used.
9. (2) The correct spelling is : quiet.
10. (1) **Waive** = to choose not to demand something in a particular case even though you have a legal right to do so ; forgo
16. (3) The word **Feast (Verb)** means : to eat with great enjoyment.
17. (1) The word **Inhospitable (Adjective)** means : unwelcoming; not giving a friendly or polite welcome to guests.
23. (2) **Back up** = to provide support somebody/something
Protest (Verb) = to say or do something to show that you disagree with or disapprove of something.
26. (2) **Crest (Noun)** = the top part of a hill or wave
Bottom (Noun) = the lowest part of something
Look at the sentences :
Surfers riding the crest of the wave.
I waited for them at the bottom of the hill.
28. (4) **Rough (Adjective)** = harsh ; violent
Look at the sentence :
They complained of rough handling by the guards.

30. (3) **Wear somebody out** = to make somebody feel tired
Look at the sentence :
The kids have totally worn me out.

31. (5) $? = 1500 \times 6 - 24$
 $= 9000 - 24 = 8976$
 \therefore Required answer = 8976
32. (3) $? = 17 + 25 + 5 = 17 + 5 = 22$
33. (1) $? = \sqrt[3]{8} \times 6^2 - 5$
 $= 2 \times 36 - 5 = 72 - 5 = 67$
 \therefore Required answer = 70
34. (4) $? = 16 \div 3 \times 1 = 5.33$
 \therefore Required answer = 5.6
35. (4) $? = \sqrt{963} + (4.895)^2 - 9.24$
 $= 31 + (5)^2 - 9 = 31 + 25 - 9 = 47$
 \therefore Required answer = 45
36. (2) $(12 \times 19) + (13 \times 8)$
 $= (15 \times 14) + ?$
 $\Rightarrow 228 + 104 = 210 + ?$
 $\Rightarrow 332 = 210 + ?$
 $\Rightarrow ? = 332 - 210 = 122$
37. (3) $? = \sqrt{65 \times 12 - 50} + 54$
 $= \sqrt{780 - 50} + 54 = \sqrt{734} = 28$
38. (1) $? = 152 \times 8 + \left(\frac{228}{19}\right)^2$
 $= 1216 + 144 = 1360$
39. (4) $? = 38.734 + 8.638 - 5.19$
 $= 47.372 - 5.19$
 $= 42.182$
40. (1) $(7)^{8.9} \div (7^8)^{1.7} \times (7)^{4.8} = (7)^?$
 $\Rightarrow 7^{8.9} \div 7^{13.6} \times 7^{4.8} = (7)^?$
 $\Rightarrow (7)^{8.9-13.6+4.8} = (7)^?$
 $[a^m]^n = a^{mn};$
 $a^m \times a^n = a^{m+n};$
 $a^m \div a^n = a^{m-n}$
 $\Rightarrow (7)^{0.1} = (7)^?$
 $\Rightarrow ? = 0.1$
41. (2) $? = (42 \times 3.2) + (16 \times 1.5)$
 $= \frac{42 \times 3.2}{16 \times 1.5} = 5.6$

$$42. (5) 342 \div 6 \times 28 = 1099 + ?$$

 $\Rightarrow 1596 = 1099 + ?$
 $\Rightarrow ? = 1596 - 1099 = 497$

$$43. (4) ? = \frac{9.8 \times 2.5 \times 7.6}{0.5} = 372$$

$$44. (4) ? \times \frac{2}{7} \times \frac{3}{5} = 426$$

 $\Rightarrow ? = \frac{426 \times 7 \times 5}{2 \times 3} = 2485$

$$45. (2) ? = \frac{13}{63} + \frac{104}{14} \times \frac{52}{19}$$

 $= \frac{13}{63} \times \frac{14}{104} \times \frac{52}{19} = \frac{13}{171}$

$$46. (1) \text{ Total marks obtained in Chemistry}$$

 $= 90 + 110 + 100 + 120 + 60$
 $= 480$
 \therefore Required percentage

$$= \frac{120}{480} \times 100 = 25$$

$$47. (5) \text{ New marks of T}$$

 $= \frac{50 \times 114}{100} = 57$
 \therefore Required percentage
 $= \frac{57 \times 100}{140} = 40.7 = 41$

$$48. (2) \text{ Total marks of T} = 50 + 60 = 110$$

Marks of R in Physics = 80
 $110 > 80$

$$49. (4) \text{ Required ratio}$$

 $= (130 + 90) : 110$
 $= 220 : 110 = 2 : 1$

$$50. (2) \text{ Required ratio}$$

 $= (110 + 120) : (130 + 80)$
 $= 230 : 210 = 23 : 21$

$$51. (3) \text{ Let B's present age be } x \text{ years.}$$

$$\therefore \text{ A's present age}$$

$$= (x - 4) \text{ years}$$

$$\therefore \text{ C's present age}$$

$$= (x - 8) \text{ years}$$

According to the question,

$$\frac{x-4}{x-8} = \frac{6}{5}$$

$$\Rightarrow 6x - 48 = 5x - 20$$

$$\Rightarrow 6x - 5x = 48 - 20$$

$$\Rightarrow x = 28 \text{ years}$$

$$52. (1) \text{ Let the number of girls in the class be } x.$$

According to the question,

$$\frac{25 \times 34 + x \times 42}{25 + x} = 37$$

$$\Rightarrow 850 + 42x = 37 \times 25 + 37x$$

$$\Rightarrow 850 + 42x = 925 + 37x$$

$$\Rightarrow 42x - 37x = 925 - 850$$

$$\Rightarrow 5x = 75$$

$$\Rightarrow x = \frac{75}{5} = 15$$

53. (4) Let the distance between points A and B be x km.

Rate downstream

$$= (17.5 + 3.5) \text{ kmph}$$

$$= 21 \text{ kmph}$$

Rate upstream

$$= (17.5 - 3.5) \text{ kmph}$$

$$= 14 \text{ kmph}$$

Total time = 7 hours 40

$$\text{minutes} = 7 \frac{40}{60} \text{ hours}$$

$$= 7 \frac{2}{3} \text{ hours} = \frac{23}{3}$$

According to the question,

$$\frac{x}{21} + \frac{x}{14} = \frac{23}{3}$$

$$\Rightarrow \frac{2x + 3x}{42} = \frac{23}{3}$$

$$\Rightarrow 5x = \frac{23}{3} \times 42$$

$$\Rightarrow x = \frac{23 \times 14}{5} = \frac{322}{5}$$

$$= 64.4 \text{ km.}$$

54. (2) A's investment = Rs. $4x$

B's investment = Rs. $7x$

C's investment = Rs. $\frac{7x}{2}$

Ratio of the equivalent capitals of A, B and C for 1 month = $(4x \times 12) : (7x \times 12) :$

$$\left(\frac{7x}{2} \times 6\right) = 16 : 28 : 7$$

If the annual profit be Rs. y , then

$$\left(\frac{28 - 16}{16 + 28 + 7}\right) y = 2160$$

$$\Rightarrow \frac{12}{51} y = 2160$$

$$\Rightarrow 12y = 2160 \times 51$$

$$\Rightarrow y = \frac{2160 \times 51}{12} = \text{Rs. } 9180$$

$$\therefore \text{C's share} = \frac{7}{51} \times 9180$$

$$= \text{Rs. } 1260$$

55. (3) Work done by 36 men in 4 days = W_2 (let)

$$\therefore \frac{M_1 D_1}{W_1} = \frac{M_2 D_2}{W_2}$$

$$\Rightarrow \frac{16 \times 45}{1} = \frac{36 \times 4}{W_2}$$

$$\Rightarrow 16 \times 45 \times W_2 = 36 \times 4$$

$$\Rightarrow W_2 = \frac{36 \times 4}{16 \times 45} = \frac{1}{5}$$

$$\text{Remaining work} = 1 - \frac{1}{5}$$

$$= \frac{4}{5} \text{ parts}$$

This part of work i.e. $\frac{4}{5}$ th parts is done by 12 women in 54 days.

\therefore Time taken in doing whole

$$\text{work} = \frac{54 \times 5}{4} = 67.5 \text{ days}$$

56. (1) Radius of circle A = r metre (let)

According to the question,

$$2\pi r + 2r = 203$$

$$\Rightarrow 2r(\pi + 1) = 203$$

$$\Rightarrow 2r \left(\frac{22}{7} + 1\right) = 203$$

$$\Rightarrow 2r \times \frac{29}{7} = 203$$

$$\Rightarrow r = \frac{203 \times 7}{2 \times 29} = 24.5 \text{ metre}$$

\therefore Radius of circle B

$$= 24.5 - 10.5 = 14 \text{ metre}$$

\therefore Circumference of circle B

$$= 2 \times \frac{22}{7} \times 14 = 88 \text{ metre}$$

57. (1) Let the C.P. of article be Rs. x .

According to the question,

$$\left(\frac{x - 539}{x}\right) \times 100$$

$$= 2 \left(\frac{x - 654.50}{x}\right) \times 100$$

$$\Rightarrow (x - 539) = 2(x - 654.5)$$

$$\Rightarrow x - 539 = 2x - 1309$$

$$\Rightarrow 2x - x = 1309 - 539$$

$$\Rightarrow x = \text{Rs. } 770$$

58. (5) Candidates selected

$$= \frac{855 \times 20}{100} = 171$$

59. (2) Fifth number

$$= 5 \times 61 - 2 \times 69 - 2 \times 69$$

$$= 305 - 138 - 138 = 29$$

60. (2) According to the question,

$$6x - 2x = 24$$

$$\Rightarrow 4x = 24$$

$$\Rightarrow x = 6$$

\therefore Father's present age

$$= 7x = 7 \times 6$$

$$= 42 \text{ years}$$

61. (4) Required average weight

$$= \frac{19 \times 74 + 38 \times 63}{19 + 38}$$

$$= \frac{1406 + 2394}{57}$$

$$= \frac{3800}{57} = 66.66$$

$$= 67 \text{ kg}$$

62. (3) $750 \times \frac{32}{100} = 240$

$$600 \times \frac{23}{100} = 138$$

$$250 \times \frac{98}{100} = 245$$

$$320 \times \frac{75}{100} = 240$$

63. (4) Total marks obtained by Matthew = $42 + 51 + 58 + 35 + 48 = 234$

\therefore Required percentage

$$= \frac{234}{300} \times 100 = 78$$

MODEL PRACTICE SET-15

64. (2) Fare of a child
 $= 114 \div 6 = \text{Rs. } 19$
 \therefore Required total fare
 $= \text{Rs. } (4 \times 114 + 5 \times 19)$
 $= \text{Rs. } (456 + 95)$
 $= \text{Rs. } 551$

65. (3) Speed of truck
 $= \frac{368}{8} = 46 \text{ kmph}$
 \therefore Speed of car $= 46 + 18$
 $= 64 \text{ kmph}$
Distance to be covered by car
 $= 368 + 16 = 384 \text{ km}$
 \therefore Required time
 $= \frac{384}{64} = 6 \text{ hours}$

66. (5) $R \geq S \geq T > U > X$
 $R \geq S \geq T < V < W$
 $W > V > T > U > X$

Conclusions

I. $R > X$: True

II. $X < W$: True

67. (1) $E = F < G < H$

$E = F < G \geq I$

$I \leq G < H$

Conclusions

I. $H > I$: True

II. $E \geq I$: Not True

68. (1) $A > B > F > C < E < D$

Conclusions

I. $C < A$: True

II. $B > D$: Not True

69. (3) $K \leq L \leq M = N \leq O \leq P$

Conclusions

I. $K < P$: Not True

II. $K = P$: Not True

K is either smaller than or equal to P .

70. (2) $D < E < F < G$

$D < E < F < K$

$K > F > G$

Conclusions

I. $K \leq G$: Not True

II. $K > D$: True

71. (2) 09, 019, 0129, 01239,

012349, 0123459, 012345 **6**

(72-74):

$D > A > B, C, E, F$

$D > A > C > B, E, F$

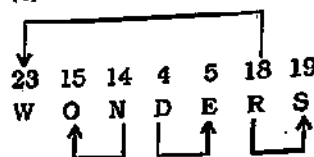
$D > A > C > E > F > B$

72. (1) B is the youngest.
73. (5) B is younger than E.
Therefore, B's age could be 12 years.

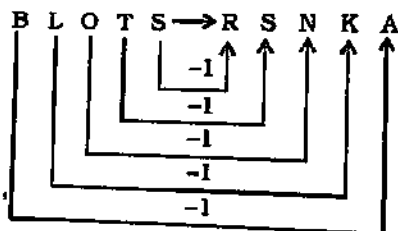
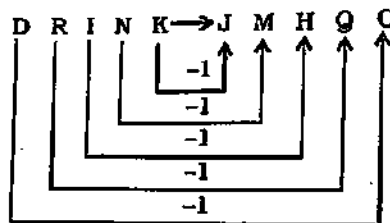
74. (2) Two persons, F and B are younger than E.

75. (3) Talk and Speak are synonymous to each other. Similarly, Honest and Truthful are synonymous to each other. Therefore, Listen is related to Hear.

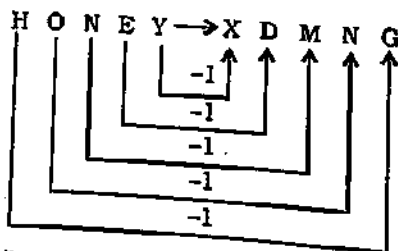
76. (4)



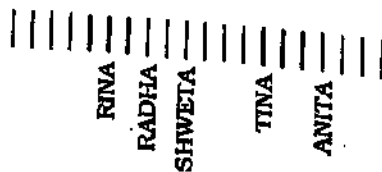
77. (3)



Therefore,



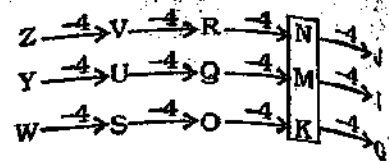
(78-79):



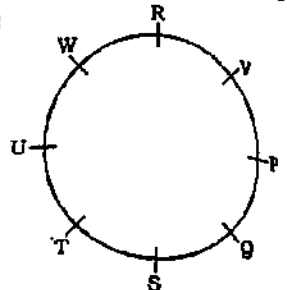
78. (2) There are two students between Anita and Tina.

79. (3) Shweta is seventh to the left of Anita.

80. (4)



(81-85):



81. (3) T sits to the immediate left of S.

82. (2) S and T are sitting between U and Q, when counted from the right of U.

83. (1) W is sitting either fourth to the left or right of Q.

84. (4) P sits second to the left of R.

S sits second to the left of P.

P is an immediate neighbour of both V and Q.

85. (5) P is sitting third to the left of W.

(86-90):

- (i) All numbers are characters \rightarrow Universal Affirmative (A-type).
(ii) Some digits are numbers \rightarrow Particular Affirmative (I-type).
(iii) No character is an alphabet \rightarrow Universal Negative (E-type).
(iv) Some characters are not alphabet \rightarrow Particular Negative (O-type).

(86-87):

Some digits are numbers.

All numbers are characters.
 $I + A = I$ -type of Conclusion

"Some digits are characters". (P)

All numbers are characters.

No character is an alphabet.

$A + E \Rightarrow$ E-type of Conclusion.

"No number is an alphabet". (Q)

Some digits are characters.

No character is an alphabet.

$I + E \Rightarrow$ O-type of Conclusion.

"Some digits are not alphabet". (R)

96. (5) Conclusion I and Conclusion II form Complementary Pair. Therefore, either Conclusion I or Conclusion II follows.

97. (4) Neither Conclusion I nor Conclusion II follows.

(86-89) : All yellows are pinks.

All pinks are blues.

$A + A \Rightarrow$ A-type of Conclusion

"All yellows are blues". (P)

Some colours are pinks.

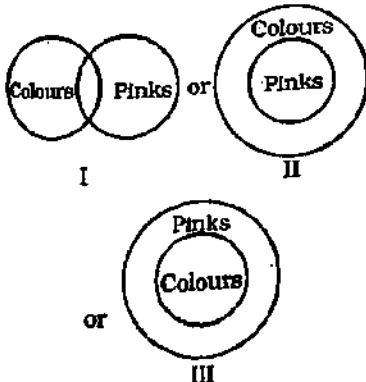
All pinks are blues.

$I + A \Rightarrow$ I-type of Conclusion.

"Some colours are blues". (Q)

98. (3) Conclusion I is the Conclusion (Q).

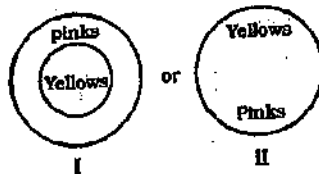
"Venn diagrams of 'Some colours are pinks' :



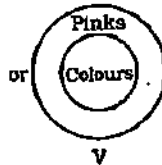
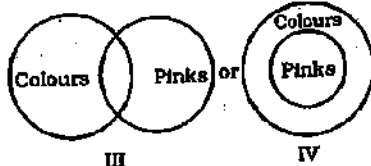
Venn diagram II supports Conclusion II.

99. (3) Conclusion I is the Conclusion (P).

Venn diagrams of "All yellows are pinks" :



"Venn diagrams of 'Some colours are pinks' :



After combining Venn diagrams II and V, we get :



This diagram supports the Conclusion II.

90. (1) All roads are paths.

No path is a bridge.

$A + E \Rightarrow$ E-type of Conclusion.

"No road is a bridge".

Conclusion II is the Converse of the first Premise.

(91-95) :

Month	City
January	Mumbai
February	Kolkata
March	Chennai
April	Bangalore
May	Delhi
June	Bhopal
July	Cochin

91. (1) Only Kolkata audition was held between Mumbai audition and Chennai audition.

92. (5) The Mumbai audition was held in January. Delhi audition was held in May. Cochin audition was held in July. Kolkata audition was held in February.

93. (4) Kolkata audition was held immediately after January. Bangalore audition was held immediately after March. Cochin audition was held immediately after June. Chennai audition was held immediately after February. The combination 'May-Delhi' is correct.

94. (4) Chennai audition was held in March.

95. (5) The Mumbai audition was held in January.

96. (4) $587 - 2 = 585$
 $649 - 2 = 647$
 $925 - 2 = 923$
 $378 - 1 = 377$
 $864 - 1 = 863$
 $377 < 585 < 647 < 863 < 923$
 Second largest number = 863
 $\Rightarrow 864$

97. (2) $587 \Rightarrow 785$
 $649 \Rightarrow 946$
 $378 \Rightarrow 873$
 $925 \Rightarrow 529$
 $864 \Rightarrow 468$
 Second largest number = 873
 Required difference = $8 - 3 = 5$

98. (5) $587 \Rightarrow 578$
 $649 \Rightarrow 469$
 $378 \Rightarrow 378$
 $925 \Rightarrow 259$
 $864 \Rightarrow 468$
 Smallest number = 259
 Its third digit $\Rightarrow 9$

99. (3) $587 \Rightarrow 5 + 8 + 7 = 20$
 $649 \Rightarrow 6 + 4 + 9 = 19$
 $378 \Rightarrow 3 + 7 + 8 = 18$
 $925 \Rightarrow 9 + 2 + 5 = 16$
 $864 \Rightarrow 8 + 6 + 4 = 18$

100. (1) $587 \Rightarrow 687 \Rightarrow 786$
 $649 \Rightarrow 749 \Rightarrow 947$
 $378 \Rightarrow 478 \Rightarrow 874$
 $925 \Rightarrow 1025 \Rightarrow 5210$
 $864 \Rightarrow 964 \Rightarrow 469$

- Second largest number = 947
 Its third digit is 7. □□□