AAO/AO
HELD ON :
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Based on Memory

MODEL SOLVED PAPER

GENERAL INSURANCE CORPORATION
AAO EXAM

APTITUDE

Directions (1–5) : Fill in each of the numbered blanks in the following passage with the most suitable word out of the alternative given against each number.

(1) her monumental reputation the Mona Lisa was a **(2)** thirty–one inches by twenty one inches, smaller even than the poster of her sold in the Louvre Gift shop. She hung on the north west wall of the Salle des Etats **(3)** a two inch–thick pane of protective plexiglas. Painted on a popular wood panel her **(4)** mist-filled atmosphere was attributed to Da Vinci's mastery of the sfumato style, in which forms appear to **(5)** in to one another.

1. (1) Despite
   (2) Unlikely to
   (3) Even with
   (4) None of the above
2. (1) Only
   (2) Mere
   (3) Just
   (4) None of the above
3. (1) In
   (2) On
   (3) Behind
   (4) None of the above
4. (1) Ethereal
   (2) Curious
   (3) Pictorial
   (4) None of the above
5. (1) Get duplicated
   (2) Evaporate
   (3) Constituted
   (4) None of the above

Directions (6–11) : Choose the right 'parts of speech' of the words given in the questions below.

6. Degauss
   (1) Noun   (2) Adjective
   (3) Verb
   (4) None of the above

7. Culvert
   (1) Noun
   (2) Adjective
   (3) Verb
   (4) None of the above
8. Plumose
   (1) Noun
   (2) Adjective
   (3) Verb
   (4) None of the above
9. Maraud
   (1) Noun
   (2) Adjective
   (3) Verb
   (4) None of the above
10. Halcyon
    (1) Noun
    (2) Adjective
    (3) Verb
    (4) None of the above
11. Shard
    (1) Noun
    (2) Adjective
    (3) Verb
    (4) None of the above

Directions (12–20) : Read the passage and answer the questions :

The last one in this long procession of silent men and women was a little wizened old man. Even he carried a load of two baskets, slung on a pole on his shoulder. the same load of a folded quilt, a cauldron. But there was only one cauldron. In the other basket it seemed there was a quilt, extremely ragged and patched but clean still. Although the load was light, it was too much for the old man. It was evident that in usual times he would be beyond the age of work and was perhaps unaccustomed to such labour in recent years. His breath whistled as he staggered along and he strained his eyes to watch those who were ahead. of him lest he be left behind, and his old wrinkled face

was set in as sort of gasping agony

Suddenly he could go no more He set his burden down with grea gentleness and sank upon the ground, his head sunk between his knees, his eyes closed, panting desperately. Starved as he was, a little blood rose in dark patches on his cheeks. A vendor selling hot noodles set his stand near, and shouted his trade cry, and the light from the stand fell on the old man's drooping figure. A man passing stopped and muttered, looked at him. 'I swear I can give no more this day if I am to feed my own even nothing but noodles— but here is this old man. He brought out of his ragged girdle a bit of silver coin, and after a moment's hesitation and muttering, he added to it a copper penny.

'There, old father', he said with a sort of bitter heartiness, 'let me see you eat noodles.' The old man lifted his head slowly. He said: 'Sir, I did not beg of you. Sir, we have good land and we have never been starving like this before, having such good land. But this year the river rose and men starve even on good land at such times. Sir, we now, have no seed left. We have eaten our seed.' 'Take it', said the man, and he dropped the money into the old man's apron and went on his way, sighing.

The vendor prepared his bowl of noodles and called out. 'How many will you eat, old man?' The old man said, 'One small bowl is enough'

Then the old man rose with great effort and took the bowl between his shaking hand and he went to the other basket. He pulled aside the quilt until one could see the shrunken face of a small boy lying with his eyes fast closed. The old man lifted his head so that his mouth could touch the edge of the

little bowl, he began to swallow feebly until the hot mixture was finished. The old man kept murmuring to him "There my heart ....there, my child.....' 'Your grandson?' Said the vendor. 'Yes, the son of my only son. Both my son and his wife were drowned as they worked on our land when our dikes broke.' 'But you have the silver bit!' cried the vendor, astonished to see that the old man ordered on more. The old man shook his head. 'That is for seed' 'The best I can do for this grandson of mine to buy a little seed for the land.......Yea, even, I die and others must plant it, the land must be put to seed'.

12. Meaning of Cauldron
(1) Narrow necked earthen pot
(2) Large kettle for boiling or heating liquid
(3) Metallic pot for carrying water
(4) Metallic box to carry clothes

13. The background of the episode is
(1) France   (2) New York
(3) China   (4) England

14. Meaning of stagger
(1) To reel from side to side
(2) To walk unsteadily
(3) To bend the body
(4) None of the above

15. The passer by was :
(1) Very rich
(2) Not quite rich
(3) Very poor
(4) Unkind

16. The old man 'strained his eyes' because :
(1) He was afraid of being left behind
(2) It was getting dark
(3) His eye sight was very poor
(4) It was too hot

17. The men and women in the procession were silent because :
(1) They carried much loads
(2) They were busy walking
(3) They were tired
(4) They were frightened

18. The old man hesitated to take the silver coin because
(1) He did not understand why the man was giving him a coin
(2) He was surprised
(3) It was below his dignity to take alms
(4) He had enough money

19. Meaning of panting
(1) Dizziness
(2) Slow breathing
(3) Rapid breathing
(4) Lay down straight

20. Find the mis-match.
(1) unaccustomed– not used to
(2) agony–hungry
(3) desperately–without bothering about anything
(4) drooping–bent

21. A, B and C enter into a partnership. A invests some money at the beginning . B invests double the amount after 6 months and C invests thrice the amount after 8 months. If the annual profit be Rs. 27000 C 's share is:
(1) Rs. 9000   (2) Rs. 11250
(3) Rs. 10,800   (4) Rs. 8625

22. A is twice as good a workman as B and together they finish a piece of work in 14 days. The number of days taken by A alone to finish the work is :
(1) 11   (2) 21
(3) 28   (4) 42

23. Each boy contributed rupees equal to the number of girls and each girl contributed rupees equal to the number of boys in a class of 60 students. If the total amount thus collected is Rs. 1600, how many boys are there in the class?
(1) 30
(2) 25
(3) 50
(4) Data Inadequate

24. $(x$ % of $y + y$ % of $x)$ is :
(1) x % of y
(2) y % of x
(3) 2% of xy
(4) xy % of 3

25. Two barrels contain a mixture of ethanol and gasoline. The content of the ethanol is 60% in the first barrel and 30% in the second barrel. In what ratio must the mixtures from the first and the second barrels be taken to form a mixture containing 50% ethanol?
(1) 1:2   (2) 2:1
(3) 2:3   (4) 3:2

26. The angles of a convex hexagon in degrees are integers and in arithmetic progression. L and M denote the largest of these 6 angles. Then the maximum value that M can take is :
(1) 125 degree   (2) 150 degree
(3) 175 degree   (4) 179 degree

27. Two straight lines can divide a circular disk into a maximum of 4 parts. Likewise into how many parts can four straight lines divide a circular disk ?
(1) 8   (2) 9
(3) 10   (4) 11

28. The currencies in countries M and N are denoted by m and n respectively. The exchange rate in 1990 was 1m, 0.6n the price level in 2006 in M and N are 150 and 400 respectively with 1990 as a base of 100. The exchange rate in 2006 based solely on the purchasing power parity consideration is 1 m :
(1) 0.225 n
(2) 0.625 n
(3) 1.6 n
(4) 3.6 n

29. The age of Mr. Bhagat in 2002 was 1/90 of his birth year. What is his age in 2006 ?
(1) 30   (2) 28
(3) 26   (4) 22

Directions (30-31) : The cost of fuel running the engine of an army tank is proportional to the square of the speed and Rs. 64 per hour for a speed of 16 kmph. Other costs amount to Rs. 400 per hour. The tank has to make a journey of 400 km at a constant speed.

30. he most economical speed for this journey is :

(1) 20 kmph
(2) 30 kmph
(3) 35 kmph
(4) 40 kmph

31. The total cost for the journey at this most economical speed is :

(1) Rs. 6000 (2) Rs. 8000
(3) Rs. 10000 (4) Rs. 11000

32. In a market research ·· ·ect. 20% opted for Nirma dewgent whereas 60% opted for Surf Blue detergent. The rest were unsure. if the difference between those who opted for Surf Blue and those who were uncertain is 720. How many respondents were covered in the survey ?

(1) 1800
(2) 1440
(3) 3600
(4) Data Inadequate

33. A property tax increase was proposed by a municipal corporation and it was observed that 40% of the property owners favoured it while 80% of the non-owners of property favoured it. If 70% of voters are property owners, what is the probability that a voter selected at random would be one favouring the increase?

(1) 0.80
(2) 0.52
(3) 0.40
(4) Data Inadequate

34. A toothed wheel of diameter 50 cm is attached to a smaller wheel of diameter 30 cm. How many revolutions will the smaller wheel make when the larger one makes 15 revolutions?

(1) 18 (2) 20
(3) 25 (4) 30

35. Prof. Chatterjee bought a car and got 15% of its original price as a dealer's discount. He then sold it at 20% profit on his purchase price. What per-

centage profit did he get on the original price ?

(1) 2% (2) 12%
(3) 5% (4) 17%

36. The area of a rectangle gets reduced by 9 sq. metre if its length is reduced by 5m and breadth is increased by 3m. If we increase the length by 2m and breadth by 3m, the area is increased by 67sq. metre. The length of the rectangle is:

(1) 9m (2) 15.6m
(3) 17m (4) 18.5m

37. A dinner party is to be fixed for a group of 100 persons. In this party, 50 persons do not prefer fish, 60 prefer chicken and 10 do not prefer either chicken or fish. Find the number of people who prefer both fish and chicken.

(1) 20 (2) 30
(3) 40 (4) 10

38. The average of marks obtained in 120 students was 35. If the average of passed candidates was 39 and that of failed candidates is 15, the number of candidates who passed the examination is : .
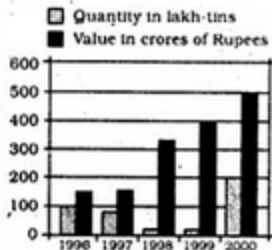
(1) 100 (2) 110
(3) 120 (4) 80

39. There are two examination halls, P and Q. If 10 students are sent from P to Q, then the number of students in each room is same. If 20 students are sent from Q to P then the number of students in P is double of that in Q. The number of students in P and Q respectively are :

(1) 60,40
(2) 70,50
(3) 80,60
(4) 100,80

40. If a number of two digits is k times the sum of its digits. then the number formed by interchanging the digits is the sum of the digits multiplied by:

(1) 9 + k (2) 10 + k
(3) 11 – k (4) k – 1

Directions (41-44) : Study the following graph and answer the questions.

☐ Quantity in lakh-tins
■ Value in crores of Rupees

41. In which year, the value per tonne was minimum ?

(1) 1996 (2) 1997
(3) 1999 (4) 2000

42. What was the approximate percent increase in export value from 1996-2000?

(1) 350
(2) 330.3
(3) 433.3
(4) None of these

43. What was the percent drop in export quantity from 1996 to 1997?

(1) 75
(2) 30
(3) 25
(4) None of these

44. If in 1999, the processed food tins were exported at the same rate per tin as that in 1998, what would be the value of export in 1999 (in crore of Rs.)?

(1) 400 (2) 375
(3) 352 (4) 330

Directions (45-48) : Mr. and Mrs. Sharma have two children Asha and Shashi, Shashi married Radha, daughter of Mrs. Mahajan. Suresh, Son of Mrs. Mahajan married Rita, Sonu and Rocky are born to Suresh and Rita. Uma and Sudha are daughters of Shashi and Radha. .

45. What is the surname of Sonu?

(1) Mahajan
(2) Sharma
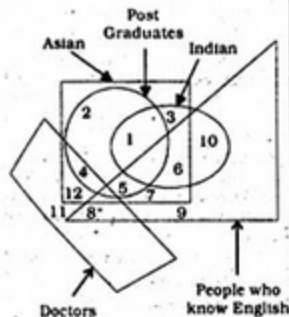(3) Shashi

(4) None of these

46. How is Suresh related to Sudha?
(1) Brother
(2) Uncle
(3) Maternal uncle
(4) Cousin

47. What is Sudha's relation to Asha?
(1) Sister
(2) Niece
(3) Aunt
(4) Daughter

48. How is Sonu related to Mr. Mahajan ?
(1) Sister-in-law
(2) Grandson
(3) Son
(4) None of these

49. In a certain code,'FAVOUR' is written as 'EBUPTS'. How is 'DAGGER' written in that code ?
(1) EBHHFS
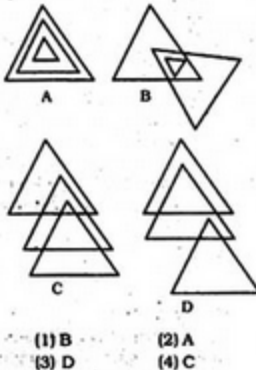(2) CBFHDS
(3) CBFFDS
(4) EBFHDS

50.

3	9
?	81

(1) 24
(2) 162
(3) 6561
(4) 729

Directions (51-56) : Examine the given Venn diagram and answer the following questions :

Post Graduates · Asian · Indian · People who know English · Doctors
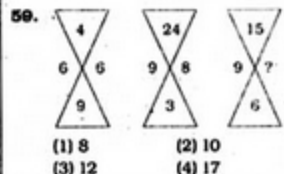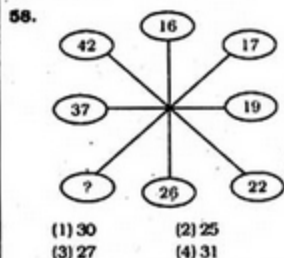
51. Which part denotes people who know English but not Doctor, nor Post Graduate nor Asian nor Indian?
(1) 9
(2) 6
(3) 10
(4) 3

52. Which parts denotes Post Graduate Indian?
(1) 2
(2) 1
(3) 3
(4) 4

53. Which part denotes only Indian who knows English ?
(1) 10
(2) 9
(3) 3
(4) 6

54. Which part shows Doctors who know English?
(1) 9
(2) 12
(3) 4
(4) 8

55. Which part denotes only Asian Post Graduates ?
(1) 1
(2) 4
(3) 2
(4) 5

56. Which part denotes Asian Post Graduates who know English?
(1) 5
(2) 7
(3) 4
(4) 1

57. Which of the following combination of figures best represent males, fathers, human beings ?

A   B   C   D

(1) B
(2) A
(3) D
(4) C

Directions (58-59) : In the following questions find out the missing number:

58.

(1) 30
(2) 25
(3) 27
(4) 31

59.

(1) 8
(2) 10
(3) 12
(4) 17

60. How many meaningful words can be formed by using any two letters of the word NOT ?
(1) One
(2) Two
(3) Three
(4) Four

Directions (61-64) : A company launches eight products– Q, R, S, T, U, V, W, Y, and Z in one of the four metros of India. The products were launched one after the other over the period of 6 months in 2006. The order in which the products were launched is consistent with the following conditions :

V is launched before both Y and Q
Q gets launched after Z
T gets launched before V but after R
S gets launched after V
R gets launched before W

61. Which one of the following could be true ?
(1) Y is the second product to be launched
(2) R is the third product to be launched
(3) Q is the fourth product to be launched
(4) S is the fifth product to be launched

62. If Z is the seventh product to be launched, then which one of the following could be true?
(1) W is the fifth product to be launched
(2) T is the fourth product to be launched
(3) R is the second product to be launched
(4) V is the 6th product to be launched

63. If Q is the 5th product to be launched then each of the following could be true except :
(1) Z is the first product to be launched
(2) T is the 2nd product to be launched
(3) V is the 3rd product to be launched
(4) W is the 4th product to be launched

64. If S is the fifth product to be launched, which of the following is correct?
(1) Q is the second product to be launched
(2) V is the seventh product to be launched
(3) T is the sixth product to be launched
(4) None of these

Directions (65-69) : In each question below are given two statements followed by two conclusions numbered I and II. You have to take the two given statements to be true even if they seem to be at variance for commonly known facts and then decide which of the given conclusions logically follows from the two given statements. Read both the statements and give answer as :
(1) If only Conclusion I follows
(2) If only Conclusion II follows
(3) If either I or II follows
(4) If neither I nor II follows

65. Statements :
I. Some Art works are paintings.
II. All paintings are Master pieces.
Conclusions :
I. All Master pieces are paintings
II. Some Master pieces are Art works.

66. Statements :
I. Some men are Genius.
II. No brother is Genius.
Conclusions :
I. Some brothers are men.
II. Some brothers are not men.

67. Statements :
I. All pants are skirts.
II. No shirt is a skirt.
Conclusions :
I. Some skirts are pants.
II. All shirts are pants.

68. Statements :
I. All Planes are Tyres.
II. All Tyres are engines.
Conclusions :
I. No Engine is a plane
II. No tyre is a plane

69. Statements :
I. Some cartoons are funny.
II. Some cartoons are silly
Conclusions :
I. All funny are cartoons
II. Some silly are cartoons

Directions (70-77) :
Follow the given Instructions :
Each item has a question followed by two statements.
Mark (1) if the question can be answered by statement I alone.
Mark (2) if the question can be answered with the help of II alone.
Mark (3) if the question can be answered with the help of both the statements but not with the help of either statement itself.
Mark (4) if the question cannot be answered with the help of both the statements.

70. The average of three quotations for a particular item is Rs.120. Is the highest quotation less than or equal to Rs. 139?
I. The lowest quotation is of Rs.90.
II. One of the quotation is Rs. 125.

71. How many people, read both Economic Times and Financial Express?
I. Out of 300 readers, 200 read Financial Express, 220 read Economic Times and 50 read Indian Express.
II. Out of total 300 readers 220 read Economic Times, 200 reads Financial Express and 50 read Neither.

72. A bus started from bus stop P. developed engine trouble and reached bus stop Q, 40 minutes late. What is the distance between the bus stops P and Q ?
I. The engine trouble developed after travelling 40 kms from bus stop P and the speed reduced to $\frac{1}{4}$ th of the original speed.
II. The engine trouble developed after travelling 40 kms from bus stop P in 2 hours and the speed reduced to $\frac{1}{4}$ th of the original speed.

73. What is the value of prime number x ?
I. $x + y$ is a two digit number > 50.
II. y is a two digit number.

74. What is the Time difference in Nairobi and Mumbai ?
I. The departure time at Nairobi is exactly 6 P.M. local time and the arrival time in Mumbai is next day 3 AM local time.
II. Flight time is six hours.

75. Sujata is the eldest daughter. What is the current age of her father ?
I. Current age of Sujata is 25 years and current age of her sister Sangeeta is 20 years.
II. Sangeeta's current age is $\frac{1}{3}$ rd of father's age five years before.

76. Alka has two sisters and one brother. How many sisters does Sandhya have ?
I. Alka and Sandhya are Sisters.
II. Sandhya has one brother.

77. Madhav likes car X because its cost Rs. 5,00,000 is cheapest in C segment and Raghav likes car Y because its cost Rs.7,00,000 is highest in C segment. Which vehicle will be selected by Keshav ?