

**University of Central Punjab**  
**Sample Paper**

**Total Marks: 120**

**Time Duration: 2 Hours**

**English**

1. Where did you go \_\_\_\_\_ holiday last year? (MCQ - CHOOSE ONE)
  - for
  - on
  - to
  
2. She was so upset that she burst \_\_\_\_\_ tears. (MCQ - CHOOSE ONE)
  - into
  - out
  - with
  
3. I've been working here \_\_\_\_\_ about the last two years. (MCQ - CHOOSE ONE)
  - during
  - for
  - since
  
4. You should explain this \_\_\_\_\_ them. (MCQ - CHOOSE ONE)
  - to
  - at
  - with
  
5. He has been absent \_\_\_\_\_ Monday. (MCQ - CHOOSE ONE)
  - from
  - for
  - since
  
6. Tomorrow's a holiday, so we \_\_\_\_\_ go to work. (MCQ - CHOOSE ONE)
  - have to
  - have not
  - don't have to
  
7. My friend Siena \_\_\_\_\_ to Russia last year. (MCQ - CHOOSE ONE)
  - went
  - has gone
  - has been
  
8. If I \_\_\_\_\_ well in my exams, I \_\_\_\_\_ to university. (MCQ - CHOOSE ONE)
  - will do; will go
  - will do; go
  - do; will go
  
9. My cousin \_\_\_\_\_ getting a job in Bahrain. (MCQ - CHOOSE ONE)

- would like
- is planning
- is thinking of

10. I wish I \_\_\_\_\_ have an exam tomorrow! (MCQ - CHOOSE ONE)

- don't
- didn't
- won't

11. Why on earth isn't Josh here yet? \_\_\_\_\_ for him for over an hour! (MCQ - CHOOSE ONE)

- I'm waiting
- I've been waiting
- I've waited

12. Daniel's hair is getting far too long; he should \_\_\_\_\_ soon. (MCQ - CHOOSE ONE)

- cut it
- have cut it
- have it cut

13. "I've got a headache." "Maybe you \_\_\_\_\_ to take an aspirin." (MCQ - CHOOSE ONE)

- should
- ought
- don't

14. I'm surprised you didn't get upset. If someone said that to me, \_\_\_\_\_ really angry. (MCQ - CHOOSE ONE)

- I'm
- I was
- I'd be

15. Do you want \_\_\_\_\_ the match tonight? (MCQ - CHOOSE ONE)

- watching
- watch
- to watch

16. When I was a child, I never \_\_\_\_\_ about the future. (MCQ - CHOOSE ONE)

- have worried
- used to worry
- was worrying

17. I borrowed \_\_\_\_\_ pencil from your pile of pencils and pens. (MCQ - CHOOSE ONE)

- a
- an
- the

18. My daughter is learning to play \_\_\_\_\_ violin at her school. (MCQ - CHOOSE ONE)

- a

- an
- the

19. I bought \_\_\_\_\_ umbrella to go out in the rain. (MCQ - CHOOSE ONE)

- a
- an
- the

20. One of the students said, " \_\_\_\_ professor is late today." (MCQ - CHOOSE ONE)

- a
- an
- the

21. Our neighbors have \_\_\_\_ cat and \_\_\_\_ dog. (MCQ - CHOOSE ONE)

- a
- an
- the

22. This exercise is \_\_\_\_\_ than that one. (MCQ - CHOOSE ONE)

- boring
- more boring
- most boring

23. My neighbor is driving me mad! It seems that the \_\_\_\_\_ it is at night, the \_\_\_\_\_ he plays his music! (MCQ - CHOOSE ONE)

- later-more loud
- late-loud
- later-louder

24. The offer was too \_\_\_\_\_ to be true. (MCQ - CHOOSE ONE)

- good
- better
- best

25. Earning money has always been the thing that pleases him most. The \_\_\_\_\_ he becomes, the \_\_\_\_\_ he is. (MCQ - CHOOSE ONE)

- richer - happier
- more rich - happier
- rich - happier

26. You must drive slower in built up areas. The \_\_\_\_\_ you drive in the city, the \_\_\_\_\_ it is that you will have an accident. (MCQ - CHOOSE ONE)

- faster - probable
- quicker - probably
- quicker - more probable

27. The old woman lived alone, with \_\_\_\_\_ to look after \_\_\_\_\_. (MCQ - CHOOSE ONE)

- someone / her
- anyone/ herself
- no one / her

28. A baby learns the meaning of words as \_\_\_\_\_ are spoken by others and later uses \_\_\_\_\_ in sentences. (MCQ - CHOOSE ONE)

- Their / they
- they / them
- they / it

29. Some of these clothes are \_\_\_\_\_, and the rest of \_\_\_\_\_ belong to Zack. (MCQ - CHOOSE ONE)

- mine / them
- me /they
- hers /their

30. They decided to buy the house because \_\_\_\_\_ location would allow \_\_\_\_\_ to get to work very easily. (MCQ - CHOOSE ONE)

- theirs / them
- its / them
- they / us

31. Our dog is of a very good breed as \_\_\_\_\_ is the offspring of two very champion dogs and inherited \_\_\_\_\_ features. (MCQ - CHOOSE ONE)

- this / its
- she / theirs
- it/ their

32. It isn't too cold today, \_\_\_\_\_. (MCQ - CHOOSE ONE)

- It is.
- Is it?
- Isn't it.

33. He was at the concert, \_\_\_\_\_. (MCQ - CHOOSE ONE)

- Wasn't it
- Wasn't he
- Didn't he

34. Henry and Juliet have just arrived, \_\_\_\_\_. (MCQ - CHOOSE ONE)

- They have
- have they
- haven't they

35. When you arrived, she had already left, \_\_\_\_\_. (MCQ - CHOOSE ONE)

- Hadn't she
- Didn't she
- She did not

36. You would never tell him, \_\_\_\_\_. (MCQ - CHOOSE ONE)

- you would
- wouldn't you
- would you

37. There has been strong competition; \_\_\_\_\_, the new company has made great profits. (MCQ - CHOOSE ONE)

- instead
- despite
- nonetheless

38. The weather report predicts it will rain \_\_\_\_\_ become colder. (MCQ - CHOOSE ONE)

- and
- neither
- nor

39. The new agent has experience \_\_\_\_\_ not expertise. (MCQ - CHOOSE ONE)

- but
- with
- however

40. I did not go to the show \_\_\_\_\_ I had already seen it. (MCQ - CHOOSE ONE)

- until
- because
- so

41. Read over your answers \_\_\_\_\_ correct all mistakes before you submit. (MCQ - CHOOSE ONE)

- and
- or
- while

42. Susie \_\_\_\_\_ phoned \_\_\_\_\_ wrote after she left home. (MCQ - CHOOSE ONE)

- while, and
- either, or
- neither, nor

43. Carl's very \_\_\_\_\_ He's never late, and he never forgets to do things. (MCQ - CHOOSE ONE)

- reliable
- patient
- strict

44. Jan \_\_\_\_\_ her arm on a hot iron. (MCQ - CHOOSE ONE)

- broke
- burned
- sprained

45. I usually \_\_\_\_\_ swimming at least once a week. (MCQ - CHOOSE ONE)

- go
- do
- play

46. This is \_\_\_\_\_ area, with a lot of factories and warehouses. (MCQ - CHOOSE ONE)

- an agricultural
- an industrial
- a residential

47. Ocean currents \_\_\_\_\_ play an important part in regulating global climate. (MCQ - CHOOSE ONE)

- are known to
- thought to
- are believed that they

48. I can't \_\_\_\_\_ your hair, because I haven't got any scissors. (MCQ - CHOOSE ONE)

- brush
- cut
- wash

49. Hi Noreen, Thanks for your email. I'd love to meet for dinner some time. I know you said you'd like to meet \_\_\_\_\_ the week. (MCQ - CHOOSE ONE)

- while
- inside
- between
- during

50. DO NOT SELECT (MCQ - CHOOSE ONE)

- having
- making
- getting
- doing

51. Hi Noreen, Thanks for your email. I'd love to meet for dinner some time. If it's okay with you, can we meet up at a weekend instead? I'm really looking forward to seeing you again. I've got \_\_\_\_\_ of things to tell you! (MCQ - CHOOSE ONE)

- so many
- such a lot
- such many
- so much

52. Choose the options with the correct order of sentences that forms a coherent paragraph. 1. It was just after midnight on July 17th last year. 2. James was driving home from work. 3. The road was clear and he was driving carefully. 4. Suddenly a young girl stepped out into the road in front of him. 5. He tried to stop but it was too late. Options: (MCQ - CHOOSE ONE)

- 1, 2, 5, 3, 4
- 5, 1, 4, 2, 3
- 1, 2, 3, 4, 5

- 4, 1, 5, 3, 2

53. Choose the options with the correct order of sentences that forms a coherent paragraph. 1. First of all, working in a team can help you develop your social skills. 2. In conclusion, I believe that teamwork is always fun and an efficient way to complete a difficult task. 3. In addition, when you take part in a team you have company and you work more efficiently because many people are helping which saves time. 4. Many people think that it is easier to do difficult things when you are in a group. 5. What's more, you can chat with your friends and have a laugh so it's more fun. Options: (MCQ - CHOOSE ONE)

- 4, 1, 3, 5, 2
- 5, 1, 3, 2, 4
- 1, 5, 3, 4, 2
- 4, 2, 1, 3, 5

54. Choose the options with the correct order of sentences that forms a coherent paragraph. 1. It is mostly played between two people. 2. Chess is a very old game. 3. To play chess you require a chequered board and sixteen pieces on each side. 4. In short, it's complicated but interesting. 5. The pieces move in different ways. Options: (MCQ - CHOOSE ONE)

- 1, 3, 4, 5, 2
- 2, 5, 4, 3, 1
- 1, 2, 5, 3, 4
- 2, 1, 3, 5, 4

55. Choose the best topic sentence for the given paragraph: \_\_\_\_\_ In Death Valley, some wildflower seeds sprout only when it rains. The Sonoran Desert's velvet mesquite has roots that can extend over fifty yards to water sources. The creosote bush can thrive in dry areas like the Sonoran and Mojave Deserts by cloning itself. \_\_\_\_\_ (MCQ - CHOOSE ONE)

- Plants in Death Valley and the Sonoran and Mojave Deserts thrive despite the heat
- Deserts are home to a strange and beautiful array of plant life
- Desert plants have adaptations that enable them to survive despite their limited access to water

56. Choose the best concluding sentence for given paragraph: \_\_\_\_\_ In Death Valley, some wildflower seeds sprout only when it rains. The Sonoran Desert's velvet mesquite has roots that can extend over fifty yards to water sources. The creosote bush can thrive in dry areas like the Sonoran and Mojave Deserts by cloning itself. \_\_\_\_\_ (MCQ - CHOOSE ONE)

- There is a wide variety of plant life in a desert
- Desert plants die easily
- Desert plants ensure their survival by adjusting to their environment and lack of water \*

57. Choose the best topic sentence for the given paragraph: \_\_\_\_\_ First of all, we need money to repair old roads and build new roads. We also need more to pay teachers, salaries and to pay for services such as trash collection. Finally, more tax money is needed to give financial help to the poor citizens of the city. \_\_\_\_\_ (MCQ - CHOOSE ONE)

- We should raise city taxes
- City taxes are too high
- City taxes pay for new roads

58. Choose the best topic sentence for the given paragraph: \_\_\_\_\_ In 1983, there were 562 computers connected to the Internet. By the turn of the century, there were 72.3 million computers in 247 countries on-line. Experts say that the Internet is now growing at a rate of approximately 40 percent a year. \_\_\_\_\_ (MCQ - CHOOSE ONE)

- Internet use has declined with the passage of time.
- Use of the internet has grown very quickly.
- What is internet?

59. Choose the best answer to complete the following sentence: A paragraph \_\_\_\_\_ (MCQ - CHOOSE ONE)

- does not have an internal structure.
- is a logical structure that is reflected by a division in the text.
- always starts with a topic sentence.
- must consist of a certain number of sentences.
- is an arbitrary division of the text.

60. Choose the best answer to complete the following sentence: Paragraphs are sometimes compared to building blocks because \_\_\_\_\_ (MCQ - CHOOSE ONE)

- the whole is always equal to the sum of its parts.
- a good paragraph can always stand alone.
- the whole is greater than the sum of its parts.
- they should be all the same size and shape.
- they are the parts that form a complete piece of writing.

## Mathematics

61.  $(A \cap B)'$  (MCQ - CHOOSE ONE)

- $A' \cap B'$
- $A' \cup B$
- $A \cup B'$
- $A' \cup B'$

62. 1/100 means: (MCQ - CHOOSE ONE)

- Milli
- Micro
- Deci
- Centi

63.  $2(3x - 6) = 3(2x - 4)$  (MCQ - CHOOSE ONE)

- $x = 0$
- No solution
- Identity
- $x = -12$
- None of the above

64. 20% of \$5,000 = (MCQ - CHOOSE ONE)



- \$2,500
- \$1,000
- \$1,500
- \$3,500
- None of these

65. 25% of \_\_\_\_\_ = 100 (MCQ - CHOOSE ONE)

- 300
- 400
- 600
- 800

66.  $2p^2 - 15p + 25 =$  (MCQ - CHOOSE ONE)

- $(p - 5)(2p - 5)$
- $(p - 5)(2p + 5)$
- $(p + 5)(2p - 5)$
- $(2p - 15)(p + 5)$

67.  $2x = 25$  (MCQ - CHOOSE ONE)

- $x = 2$
- $x = 12.5$
- $x = 12$
- $x = 22.5$
- $x = 25$

68.  $2x = 3$  is a conditional equation and it is true only if  $x$  equals to (MCQ - CHOOSE ONE)

- $/3$
- $-3/2$
- $3/2$
- $-2/3$

69.  $3(4x + 3 + 6) =$  (MCQ - CHOOSE ONE)

- 57
- 54
- 58
- 60
- 108

70.  $3(h - 4) = -9$  (MCQ - CHOOSE ONE)

- $h = 0$
- $h = 1$
- $h = -2$
- none of the above

71.  $3(m+4)$  is (MCQ - CHOOSE ONE)

- $4+3m$

- $3+4m$
- $3m+12$
- $3m+3$

72.  $3/4$  is (MCQ - CHOOSE ONE)

- an odd number
- an even number
- a natural number
- a rational number

73.  $3x - 4(x + 6) =$  (MCQ - CHOOSE ONE)

- $-x - 24$
- $7x + 6$
- $-7x - 24$
- $x + 6$

74.  $4t-7t$  is equal to (MCQ - CHOOSE ONE)

- $3t$
- $-3t$
- $4t$
- $-4t$

75.  $5 + 6(m + 1)$  (MCQ - CHOOSE ONE)

- $6m + 6$
- $11m + 6$
- $6m + 11$
- $6m + 15$

76. A computer software retailer used a markup rate of 40%. Find the selling price of a computer game that cost the retailer \$25. (MCQ - CHOOSE ONE)

- \$30
- \$50
- \$40
- \$35

77. A contractor completed five-ninths of a job before a second contractor completed an additional one-third. What fraction of the job is left undone? (MCQ - CHOOSE ONE)

- one-ninth
- four-ninths
- two-thirds
- eight-ninths

78. A cricketer has a certain average for 9 innings. In the 10th inning, he scores 100 runs, thereby increasing his average by 8 runs. His new average is: (MCQ - CHOOSE ONE)

- 20 runs
- 24 runs

- 28 runs
- 32 runs

79. A second degree equation having coefficients of  $x^2$  and  $y^2$  as 1 and involves no  $xy$  term represents\_\_\_\_\_ (MCQ - CHOOSE ONE)

- A circle
- an ellipse
- parabola
- hyperbola

80. A train 100 meters long passes a bridge at the rate of 72 kilometers per hour in 25 seconds. What is the length of the bridge? (MCQ - CHOOSE ONE)

- 400m
- 170m
- 600m
- None of the above.

### **Analytical**

81. 64 is to 8 , ? is to 4 (MCQ - CHOOSE ONE)

- 16
- 3
- 4
- 5

82. ink is to pen , paint is to ? (MCQ - CHOOSE ONE)

- colour
- artist
- brush
- rubber

83. AFKP is to BGLQ , CHMR is to ? (MCQ - CHOOSE ONE)

- DINS
- DFKP
- DNIS
- EJOT

84. Ahmad started his home and traveled 10km towards North. Then he traveled 5km towards East. Then, he traveled 10km towards South. Finally, he traveled 5km towards West and reached at his destination. How far he is from his home. (MCQ - CHOOSE ONE)

- 30km
- 20km
- 15km
- 0km

85. Maria walks straight 300m and then turns left and walks 400m. Finally, she turns left and travel 300m. How Maria is far from her starting point? (MCQ - CHOOSE ONE)

- 400m
- 700m
- 1000m
- 1400m

86. Nizami drives straight 20km to a post office, turns right and drives 3km, turns right and drive 5km and finally turns right and drive 3 km. How far he is from his starting point? (MCQ - CHOOSE ONE)

- 3km
- 2km
- 13km
- 7km

87. A series is given with one number missing. Choose the correct alternative from the given that will complete the series. 138, 142, 146, 150, ?, 142, 138 (MCQ - CHOOSE ONE)

- 148
- 140
- 146
- 144

88. A series is given with one number missing. Choose the correct alternative from the given that will complete the series. 2, 3, 5, 7, 12, ?, 31 (MCQ - CHOOSE ONE)

- 14
- 21
- 19
- 16

89. A series is given with one number missing. Choose the correct alternative from the given that will complete the series. 2, 4, 8, ?, 32 (MCQ - CHOOSE ONE)

- 6
- 36
- 16
- 46

90. A series is given with one number missing. Choose the correct alternative from the given that will complete the series. 0,1, 2, 3, 5, 8, 13,? (MCQ - CHOOSE ONE)

- 19
- 13
- 21
- 22

91. A series is given with one number missing. Choose the correct alternative from the given that will complete the series. 3, 8, 15, 24, 35, ? (MCQ - CHOOSE ONE)

- 48
- 42
- 49

50

92. A series is given with one number missing. Choose the correct alternative from the given that will complete the series. 2, 6, 12, 20, 30, ?, 56, 72 (MCQ - CHOOSE ONE)

42

34

36

46

93. S is sister of B. F is father of C. B is son of C. What is F to S ? (MCQ - CHOOSE ONE)

Brother

Son

Daughter

Grand Father

94. A is father is B. B is mother of C. C is daughter of D. What is A to D? (MCQ - CHOOSE ONE)

Father-in-Law

Son-in-Law

Sister-in-Law

Brother-in-Law

95. Which set of letters fill the gaps of the given letter series? UCP\_ESTU\_PTESTUC\_T\_ST (MCQ - CHOOSE ONE)

TCPE

TETE

TCPC

BCPT

96. Which set of letters fill the gaps of the given letter series? LEAR\_M\_THLEA\_NMATH\_EAR\_MATH (MCQ - CHOOSE ONE)

NATNT

TARLT

TATLN

NARLN

97. Which set of letters fill the gaps of the given letter series? \_ALCULUSC\_LCULU\_CAL\_ULU\_ (MCQ - CHOOSE ONE)

CUSCS

QASQS

CASCS

QUSCS

98. A milkman has 75 liters milk in one cane and 45 liters in another. The maximum capacity of container which can measure milk of either container exact number of times is \_\_\_ liters: (MCQ - CHOOSE ONE)

10

15

- 20
- 25

99. A batsman has a certain average of runs for 11 innings. In the 12th inning, he makes a score of 90 runs, thereby increasing his average by 5. His average after the 12th inning is: (MCQ - CHOOSE ONE)

- 30
- 35
- 40
- 45

100. In a college, 40% of students were allotted group A. 75% of the remaining were group B and the remaining 12 students were given group C. Then the number of students who applied for the group is: (MCQ - CHOOSE ONE)

- 80
- 92
- 100
- 60

101. A reduction in the price of apples enables a person to purchase 3 apples for Rs. 60. Instead of Rs. 75. What is the percentage of reduction in price approximately? (MCQ - CHOOSE ONE)

- 20%
- 25%
- 30%
- 33.33%

102. In an election, one of the two candidates got 40% of the total votes cast and lost by 100 votes. The total number of votes cast in the election is? (MCQ - CHOOSE ONE)

- 400
- 500
- 600
- 700

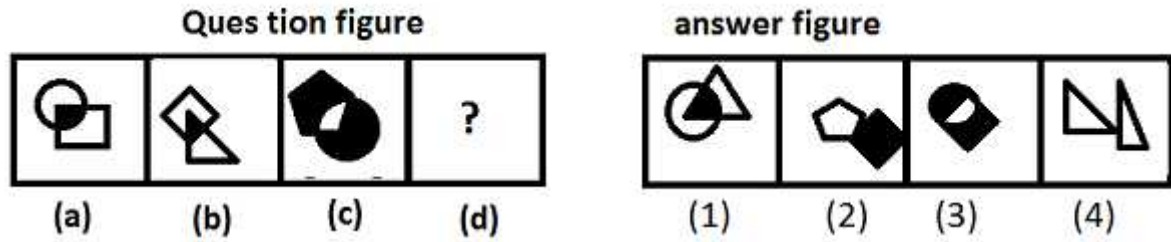
103. A shopkeeper offers a discount of 10% on his articles. The marked price of the article is Rs. 450. The selling price should be Rs. \_\_\_\_ ? (MCQ - CHOOSE ONE)

- 405
- 400
- 395
- 410

104. 10 students started to eat biscuits. Among them, 1 ate 8 biscuits, 2 of them ate 6 biscuits each, 3 of them ate 4 biscuits each and 4 of them ate 2 biscuits each. The average number of biscuits, each of them ate, was: (MCQ - CHOOSE ONE)

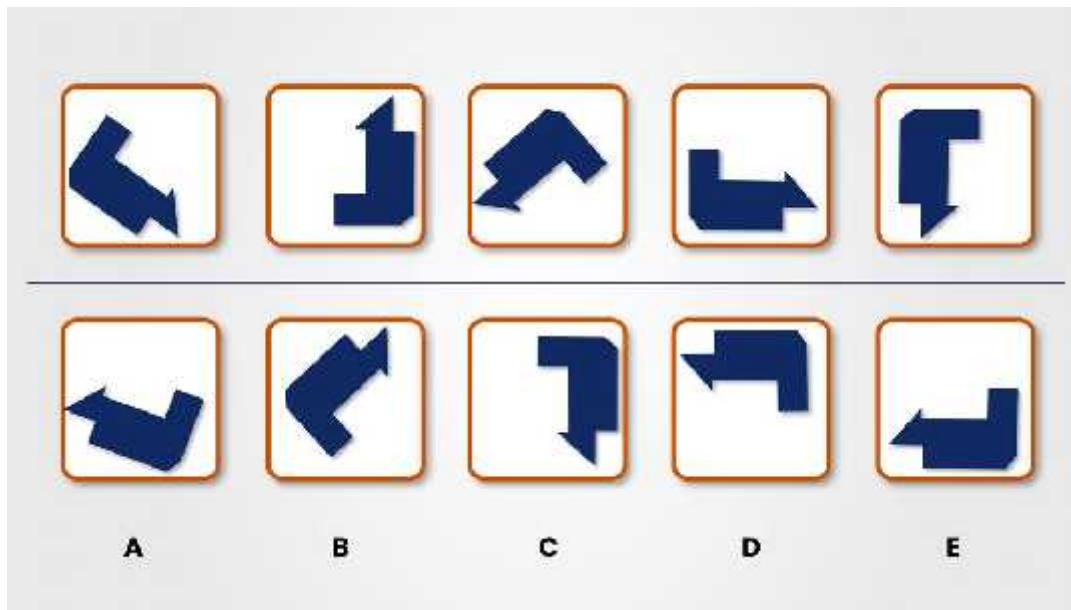
- 3
- 8
- 6
- 4

105. Please see the question figure and answer figure carefully. Find the most suitable answer. Answer figure from alternatives which are numbered from 1 to 4 by using the sequence of set of figures given in question figure.



- a) 1
- b) 2
- c) 3
- d) 4

106. Please see the following boxes carefully. Which box contains the identical shape as the upper series?



- ) A
- ) B
- ) C
- ) D

107. Identify the figure that completes the pattern.



(X)



(1)



(2)



(3)

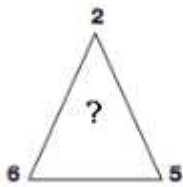
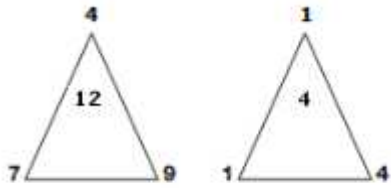


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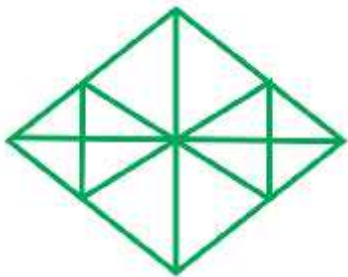
- ) 1
- ) 2
- ) 3
- ) 4

108. Which number replaces the question mark?



- ) 9
- ) 8
- ) 4
- ) 1

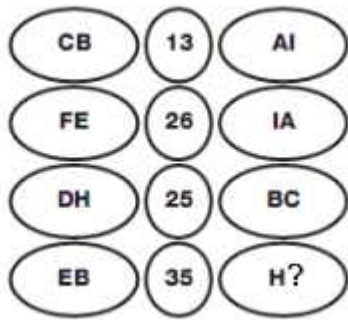
109. How many triangles are there?



- ) 31
- ) 16
- ) 14
- ) 34

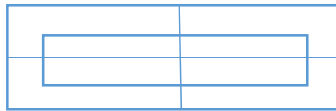
110. Which letter can replace the question mark?





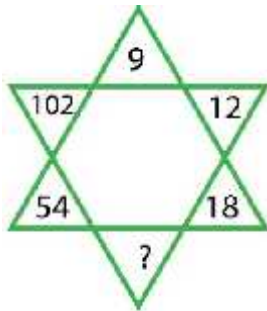
- ) G
- ) E
- ) K
- ) V

111. How many rectangles are there in the figure?



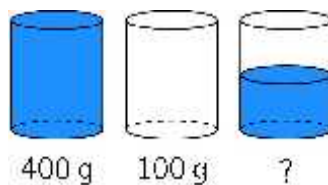
- ) 6
- ) 10
- ) 12
- ) 8

112. What number should replace the question mark?



- ) 30
- ) 28
- ) 38
- ) 58

113. A full glass of water weighs 400 grams. An empty glass weighs 100 grams.



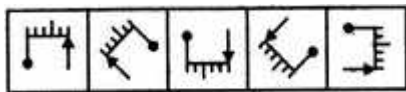
How many grams does a half-full glass of water weigh?

- ) 150
- ) 200
- ) 225
- ) 250
- ) 300

114. How many grams does a half-full glass of water weigh?

- ) 150
- ) 200
- ) 225
- ) 250
- ) 300

115. Choose the figure which is different from the other figures.

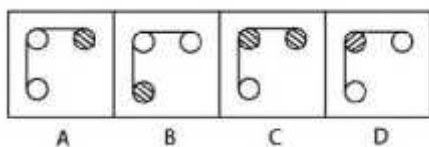
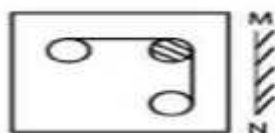


- (1) (2) (3) (4) (5)

- ) 1
- ) 2
- ) 3
- ) 4
- ) 5

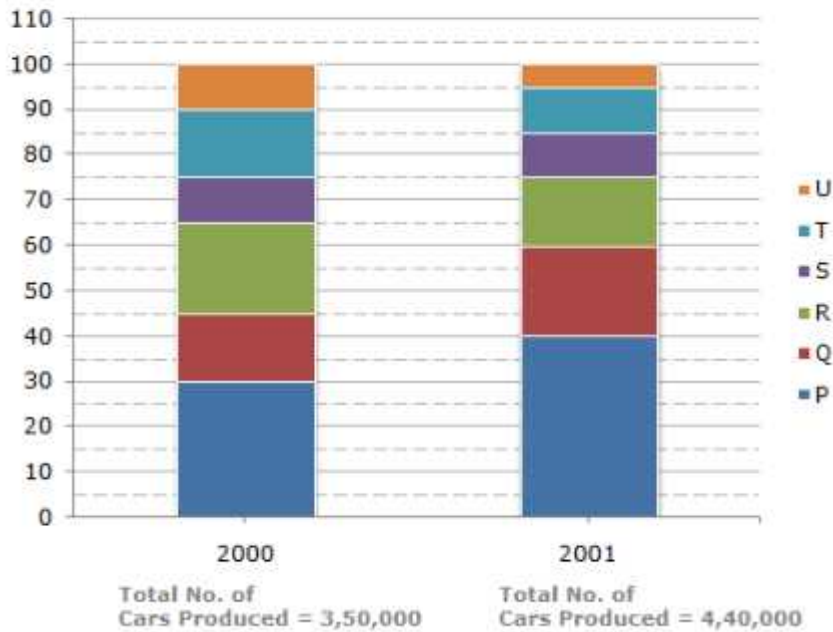
116: Choose the front mirror image for the following figure.

Figure



- ) A
- ) B
- ) C
- ) D

Percentage of Six different types of Cars manufactured by a Company over Two Years



117. What was the difference in the number of Q type cars produced in 2000 and that produced in 2001?

- ) 35,500
- ) 27,000
- ) 22,500
- ) 17,500

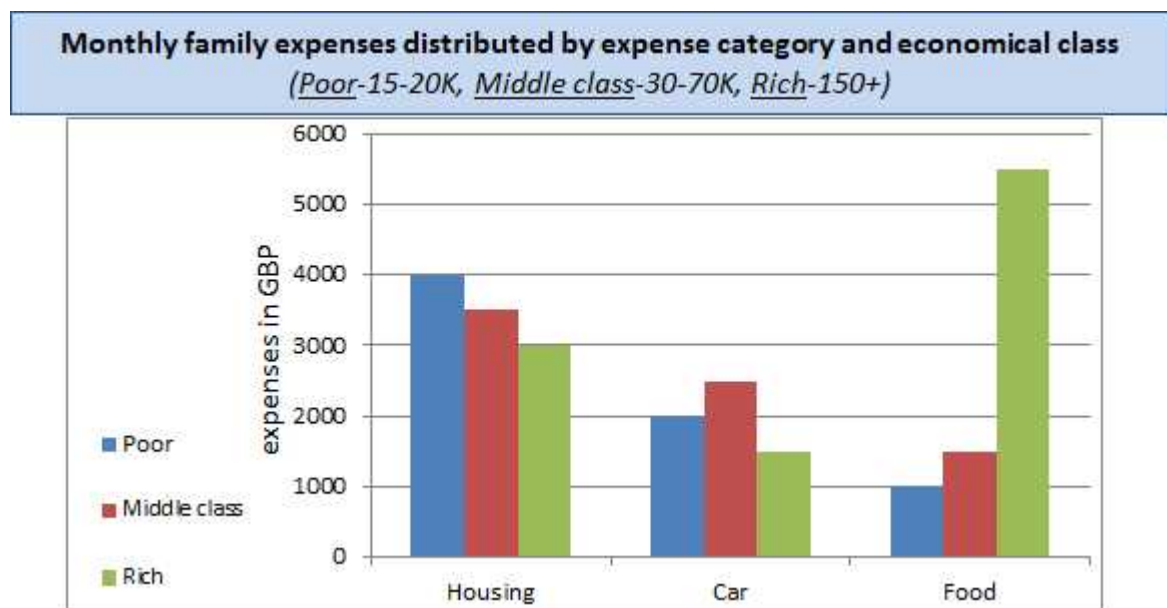
Silverbrick International Lager Breweries Ltd. 2005

Brewery	Operational Costs (Millions Euros)	Marketing & Development (Millions Euros)	Monthly Output (Thousands litres)	Total Output as % of 2004	Revenues (Millions Euros)
Uxbridge, UK	3.6	12	12000	120%	25
Malmö, Sweden	0.3	2.2	1200	90%	3
Torino, Italy	2.8	3.5	8000	70%	14
Ottawa, Canada	0.28	8	1000	80%	3
Canberra, Australia	0.3	7	4500	110%	8

1 litre is sold for 1.5 euros

118. Which brewery produced the least in 2004?

- Uxbridge, UK
- Malmo, Sweden
- Torino, Italy
- Ottawa, Canada
- Canberra, Australia



119. Rich families spend \_\_\_\_\_ of money on food as poor and middle class families combined.

- More than twice the amount
- An equal amount
- More than three times the amount
- Half the amount

Years of Experience	Fitness Trainer	Client 1 (100-125kg)	Client 2 (125-150kg)	Client 3 (150-250kg)	Final Score
1	Susan	10	20	35	20.5
3	Megan	14	22	45	25.7
4	Tom	25	35	70	41.5
4	Brad	20	25	66	35.3
2	Peter	22	28	49	31.9
1	Melissa	25	33	62	38.5
3	Nick	16	18	52	27.4
2	Russel	14	15	39	21.8

2	Patty	8	12	22	13.4
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120. Answer the following statements in either Yes or No:

1. In calculating the final score for the contest, the weight loss for a fitness trainer's third client (Client 3) had equal weighting as the weight loss on Client 2.
2. The median final score for all fitness trainers was 27.40
3. In the data set for "Client 1" clients who worked with a fitness trainer having four years of experience, the range was 8.

) Yes, Yes, Yes

) No, No, No

) No, No, Yes

) Yes, Yes, No