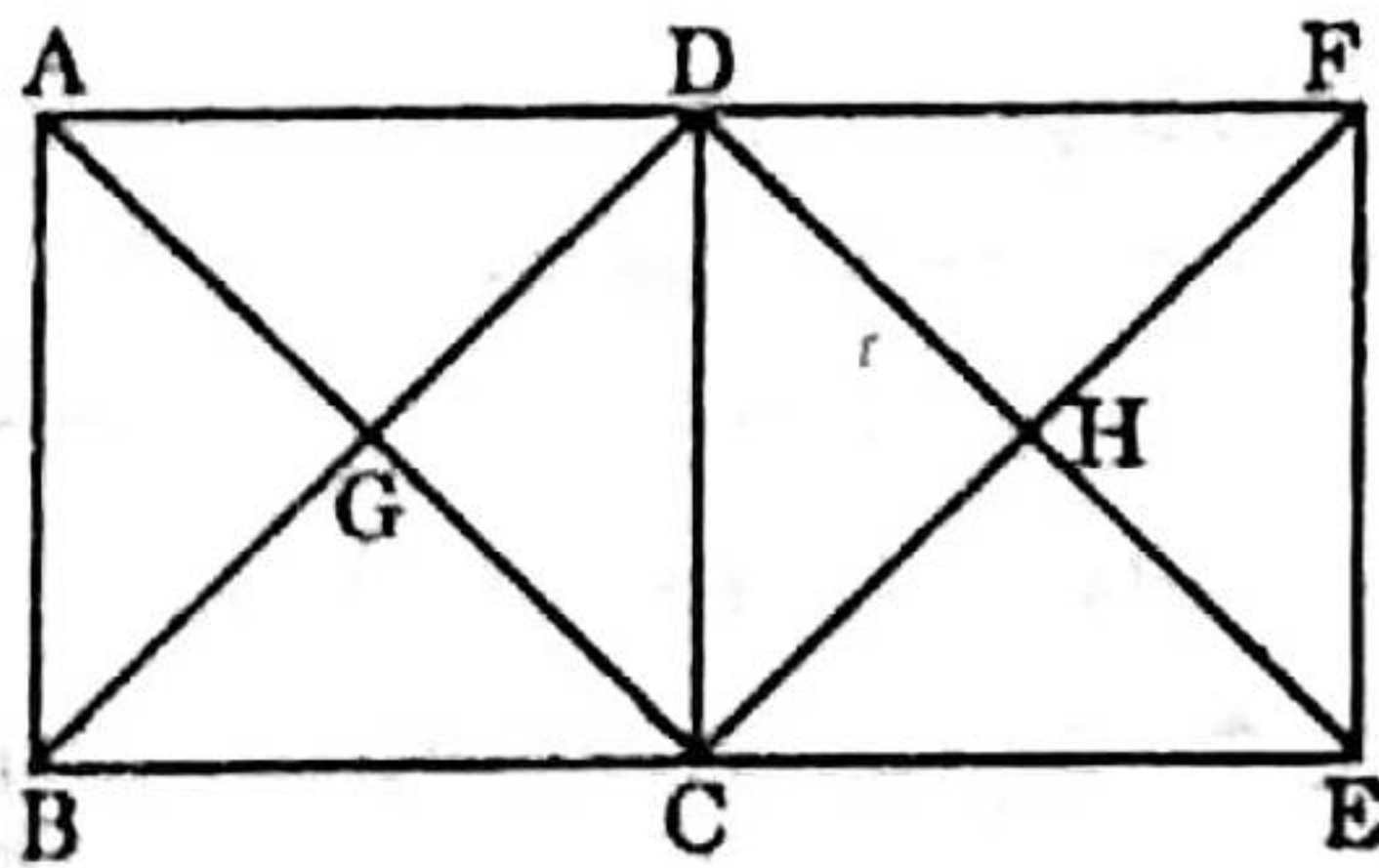


PART-A
GENERAL INTELLIGENCE
& REASONING

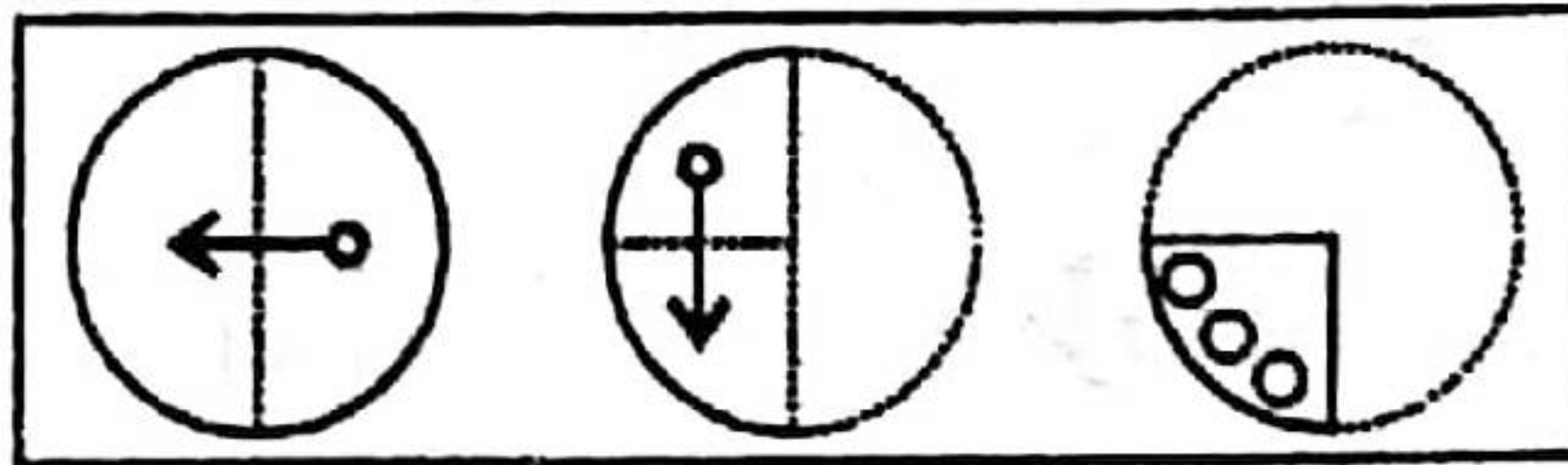
Directions (1-4) : In each of the following questions, select the related word/letters/number from the given alternatives.

- 21 : 3 :: 574 : ?
(1) 113 (2) 23
(3) 97 (4) 82
- Giant : Dwarf :: Genius : ?
(1) Idiot (2) Tiny
(3) Wicked (4) Gentle
- RATE : EATR :: SEAT : ?
(1) TSAE (2) TSEA
(3) TESA (4) TEAS
- Book : Literature :: ? : ?
(1) Song : Music
(2) Man : Beast
(3) Dancer : Musician
(4) Species : Science
- How many triangles are there in the given figure?

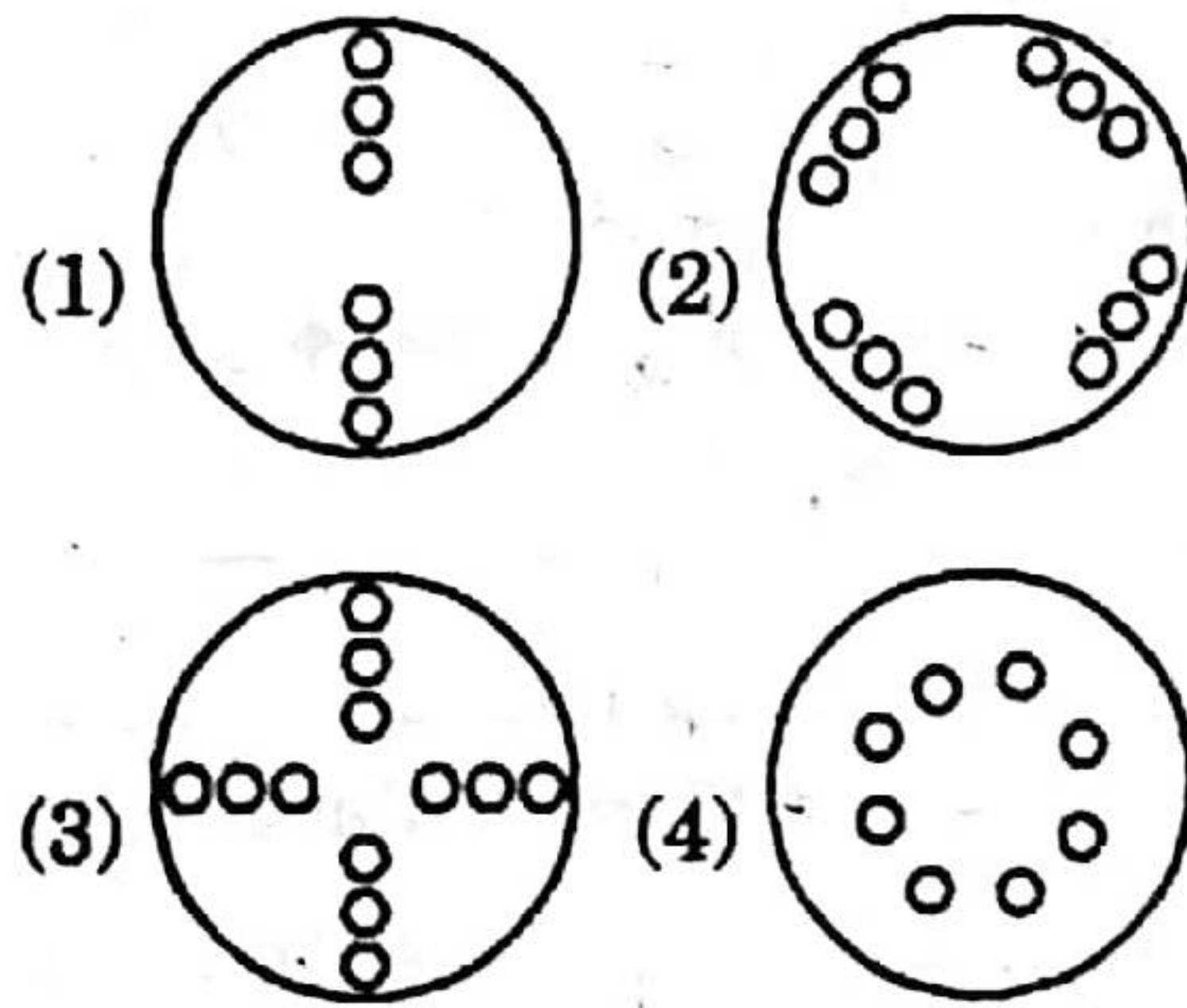


- (1) 8 (2) 12
(3) 16 (4) 18
- Out of the four words given, choose the word which cannot be formed using the letters of the following word.
TRANSLATION
(1) TRANSIT
(2) TRANSMIT
(3) RATIO (4) NATION
- A piece of paper is folded and cut as shown below in the question figures. From the given answer figures, indicate how it will appear when

opened.
Question Figures :



Answer Figures :



- Two statements are given, followed by two conclusions, I and II. You have to consider the statements to be true, even if they seem to be at variance from commonly known facts. You are to decide which of the given conclusions can definitely be drawn from the given statements. Indicate your answer.

Statements :

- All players are singers.
- All dancers are singers.

Conclusions :

- I. Some singers are dancers.
 - II. Some dancers are players.
- Only Conclusion I follows
 - Neither Conclusion I nor II follows.
 - Both Conclusions I and II follow.
 - Only Conclusion II follows.

Directions (9-10) : In each of the following questions, a series is given with one term missing. Out of the four alternatives, choose the alternative that will complete the series.

- BKS, DJT, FIU, HHV, ?
(1) IGU (2) IGX
(3) JGW (4) IJX
- 5, 7, 11, 17, 25, ?
(1) 32 (2) 33
(3) 35 (4) 34
- 'Z' started walking straight towards South. He walked a distance of 15 metres and then took a left turn and walked a distance of 30 metres. Then he took a right turn and walked a distance of 15 metres again. Z is facing which direction?
(1) West (2) East
(3) South (4) North

- A word is represented by only one set of numbers as given in any one of the alternatives. The sets of numbers given in the alternatives are represented by two classes of alphabet as in the two matrices given below. The columns and rows of Matrix-I are numbered from 0 to 4 and that of Matrix-II are numbered from 5 to 9. A letter from these matrices can be represented first by its row and next by its column, e.g., 'A' can be represented by 00, 44 etc., and 'X' can be represented by 78, 97, etc. Similarly, you have to identify the set for the word 'PICK'.

Matrix-I

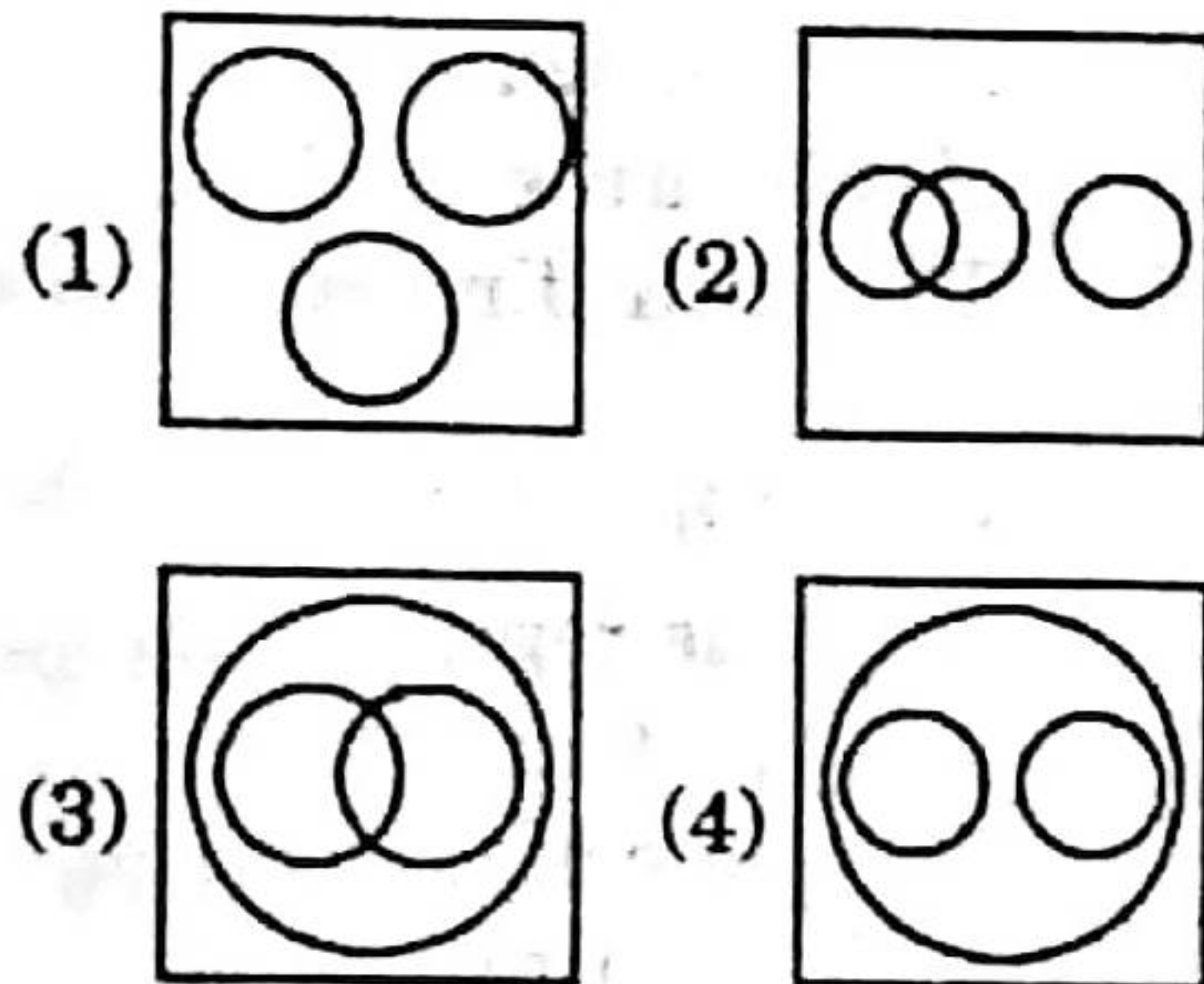
	0	1	2	3	4
0	A	R	B	C	E
1	T	H	S	E	R
2	R	E	H	D	S
3	S	D	T	O	C
4	E	B	O	R	A

Matrix-II

	5	6	7	8	9
5	K	P	I	L	M
6	X	W	Z	M	G
7	F	I	K	X	P
8	G	N	F	L	W
9	N	P	X	Z	L

- (1) 76, 66, 34, 98
- (2) 56, 76, 34, 55
- (3) 76, 67, 34, 89
- (4) 65, 67, 43, 65

13. Choose the correct Venn diagram which best illustrates the relationship among Hockey, Cricket, Games.



14. If 'LONDON' is coded as MPOEPO. What code is needed for 'DELHI'?

- (1) EFIMJ (2) EFMIJ
- (3) HLDEI (4) DEHLI

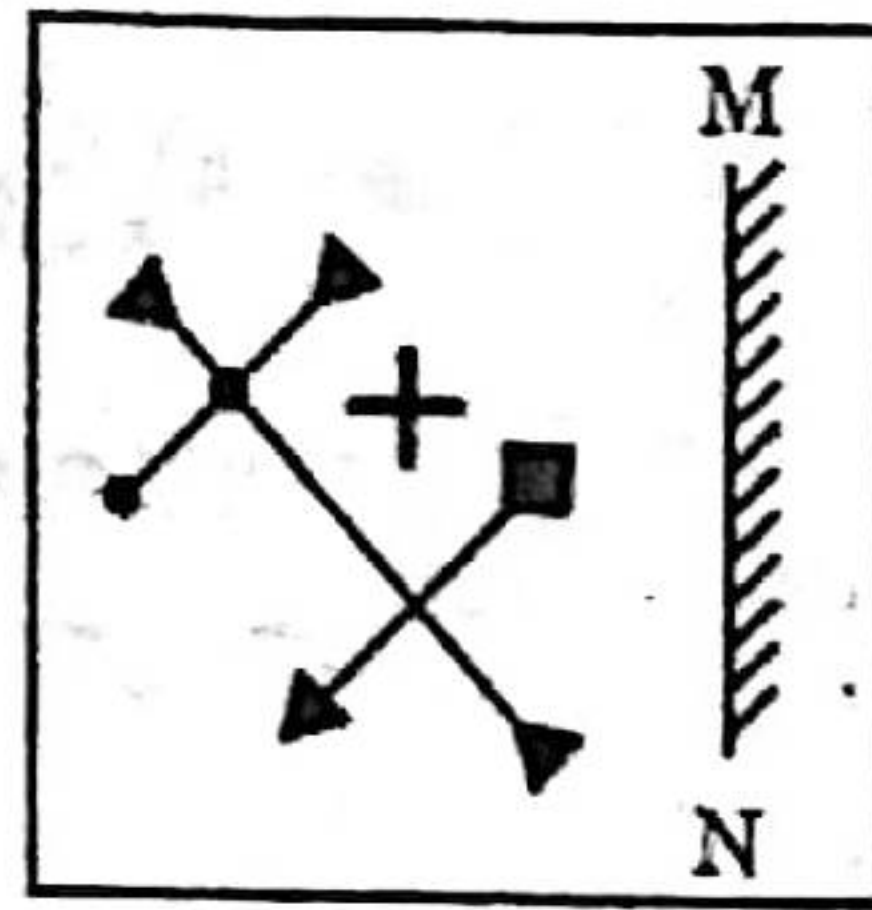
Directions (15-17) : In each

of the following questions, select the odd word/letters/number from the given alternatives :

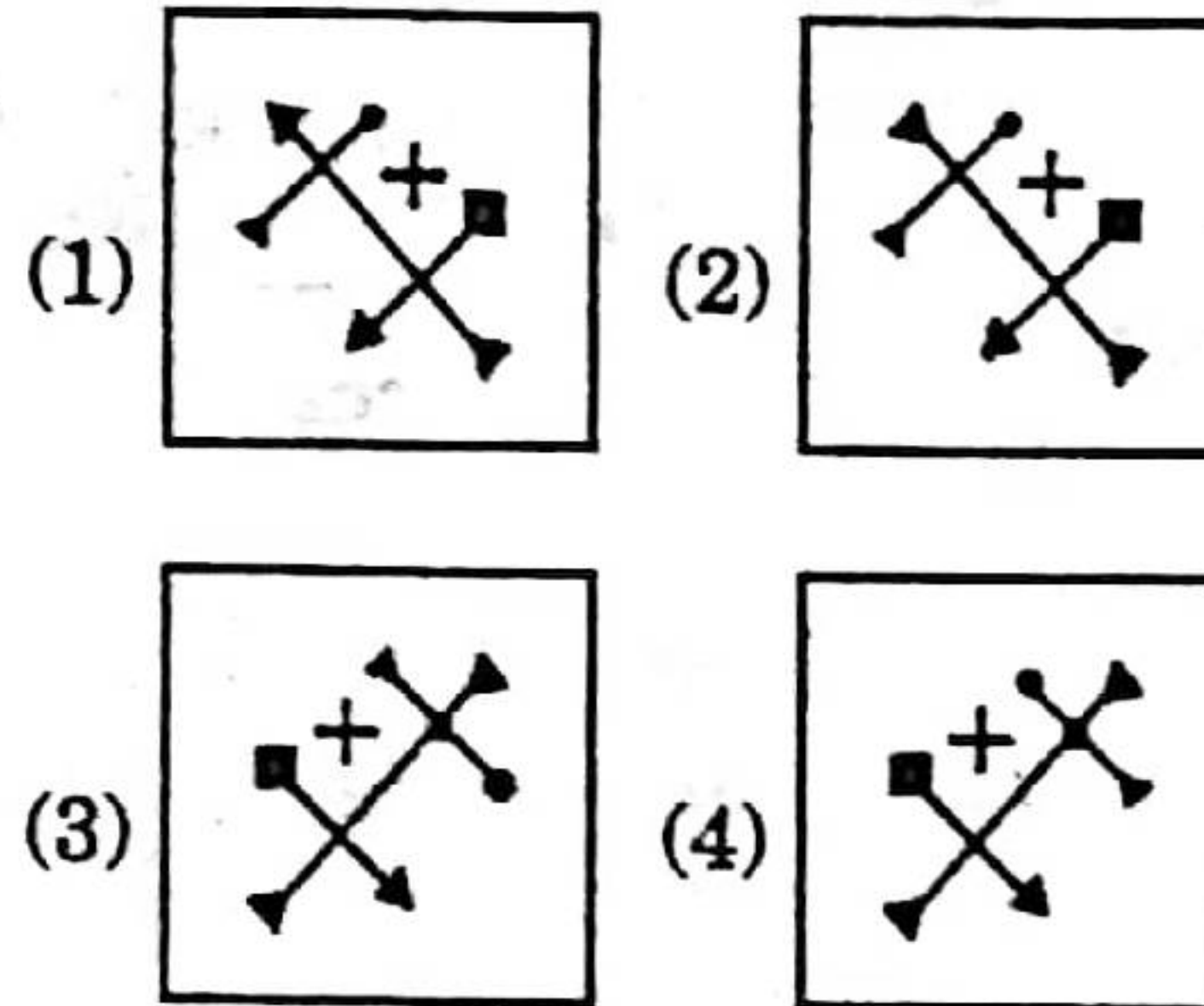
- 15. (1) 63 (2) 23
(3) 17 (4) 13
- 16. (1) Hockey (2) Chess
(3) Cricket (4) Football
- 17. (1) ACDF (2) TUOP
(3) HIVW (4) FGKL

18. If a mirror is placed on the line MN, then which of the answer figures is the correct image of the question figure ?

Question Figure :



Answer Figures :

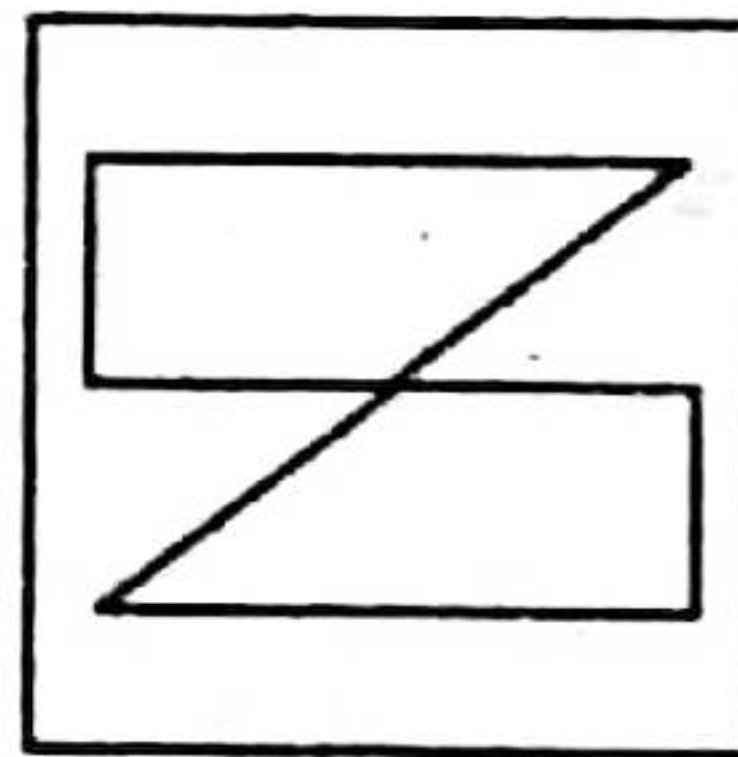


19. The total age of a mother and her daughter is 60 years. The difference between their ages is 30 years. Find out the age of mother.

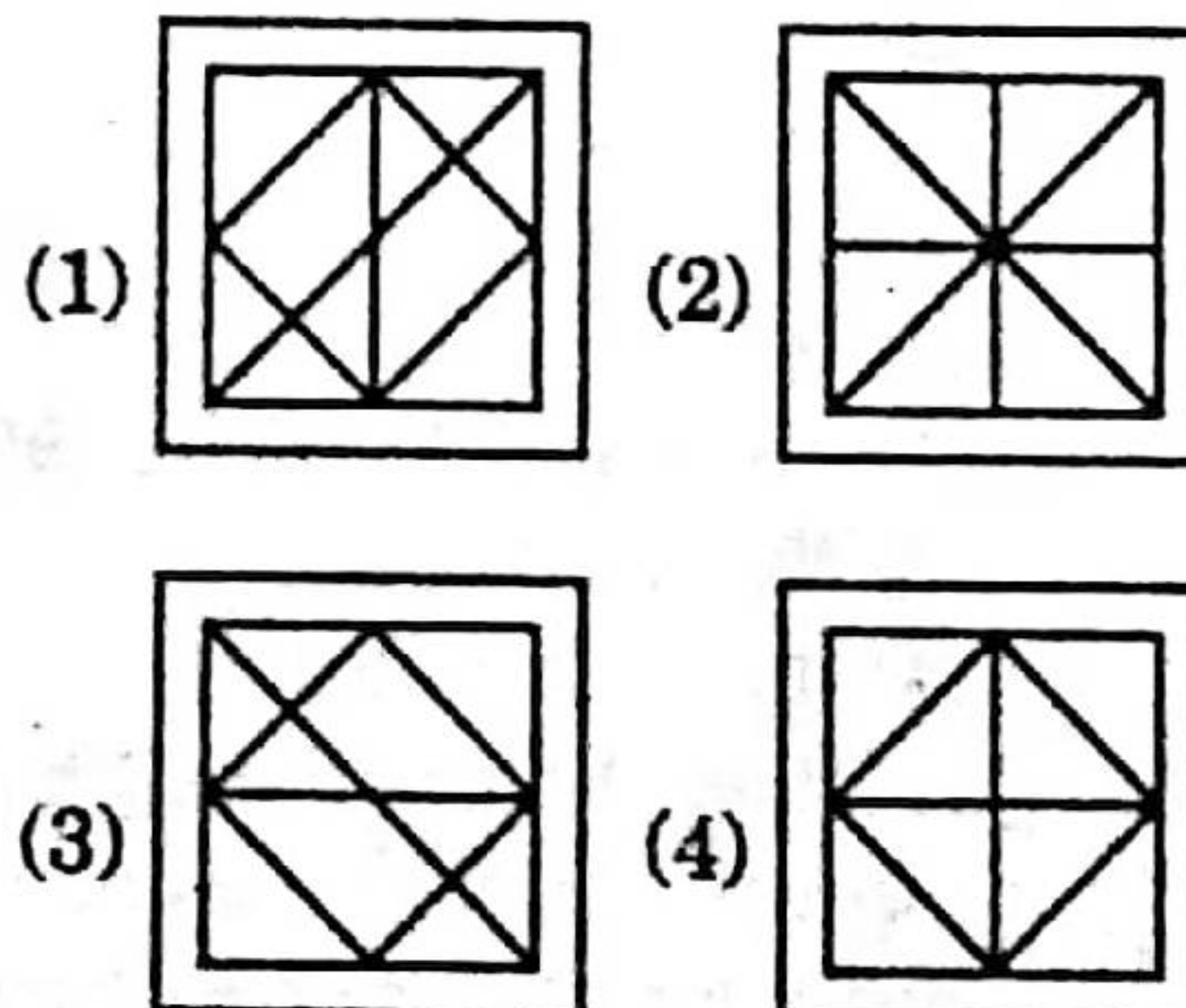
- (1) 55 years (2) 40 years
- (3) 45 years (4) 50 years

20. From the given answer figures, select the one in which the question figure is hidden/embedded.

Question Figure :



Answer Figures :



21. If P denotes '÷', Q denotes 'x', R denotes '+' and S denotes '-', then 18Q12P4R5S6 is equal to :

- (1) 34 (2) 53
- (3) 36 (4) 65

22. Some equations are solved on the basis of certain system. Find out the correct answer for the unsolved equation on that basis.

If $12 \times 9 = 810$ and $15 \times 9 = 513$ then $13 \times 8 = ?$

- (1) 104 (2) 410
- (3) 401 (4) 411

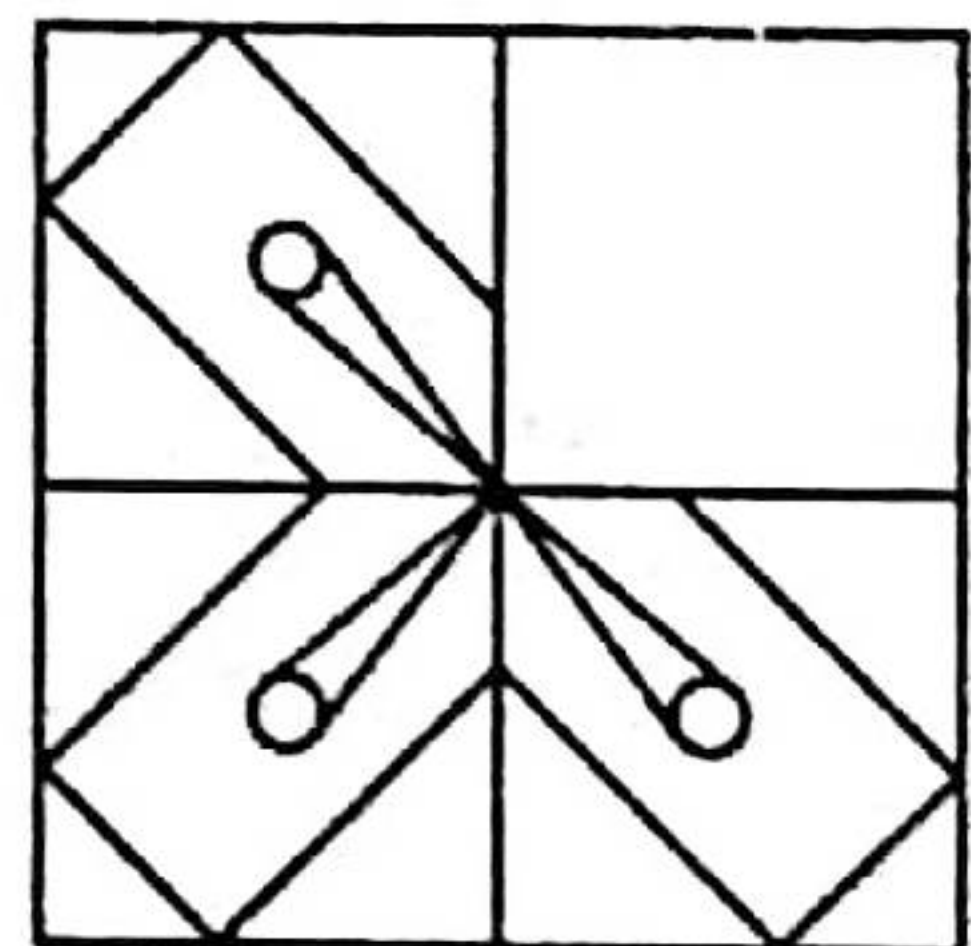
23. Which one of the given responses would be a meaningful order of the following?

- 1. Cutting 2. Dish
- 3. Vegetable 4. Market
- 5. Cooking

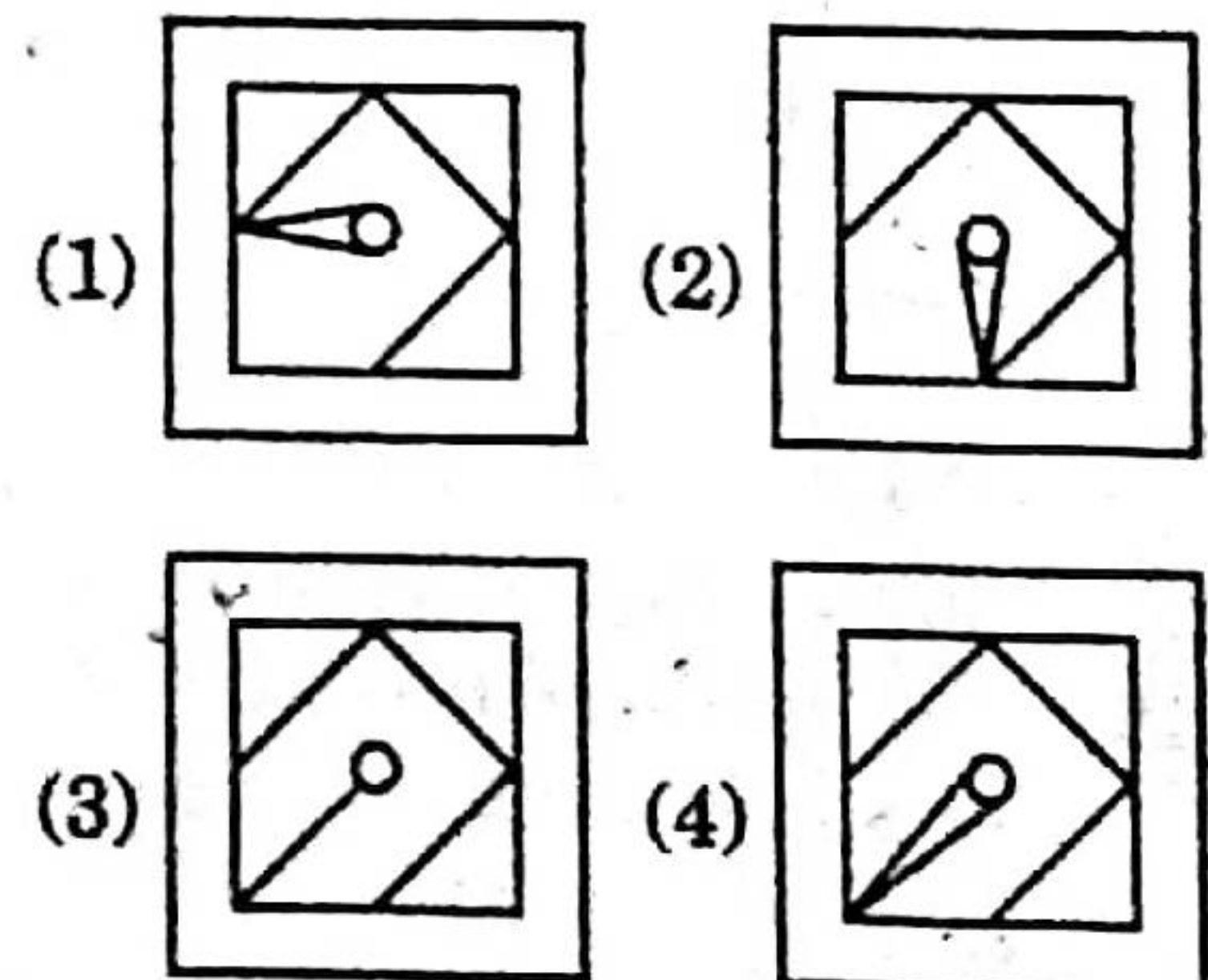
- (1) 5, 3, 2, 1, 4
- (2) 3, 2, 5, 1, 4
- (3) 4, 3, 1, 5, 2
- (4) 1, 2, 4, 5, 3

24. Which answer figure will complete the pattern in the question figure?

Question Figure :



Answer Figures :



25. Find the missing number from the given responses.

- | | | |
|----|----|-----|
| 7 | 3 | 10 |
| 3 | 4 | 7 |
| 2 | 7 | ? |
| 42 | 84 | 140 |
- (1) 2 (2) 17
 - (3) 34 (4) 9

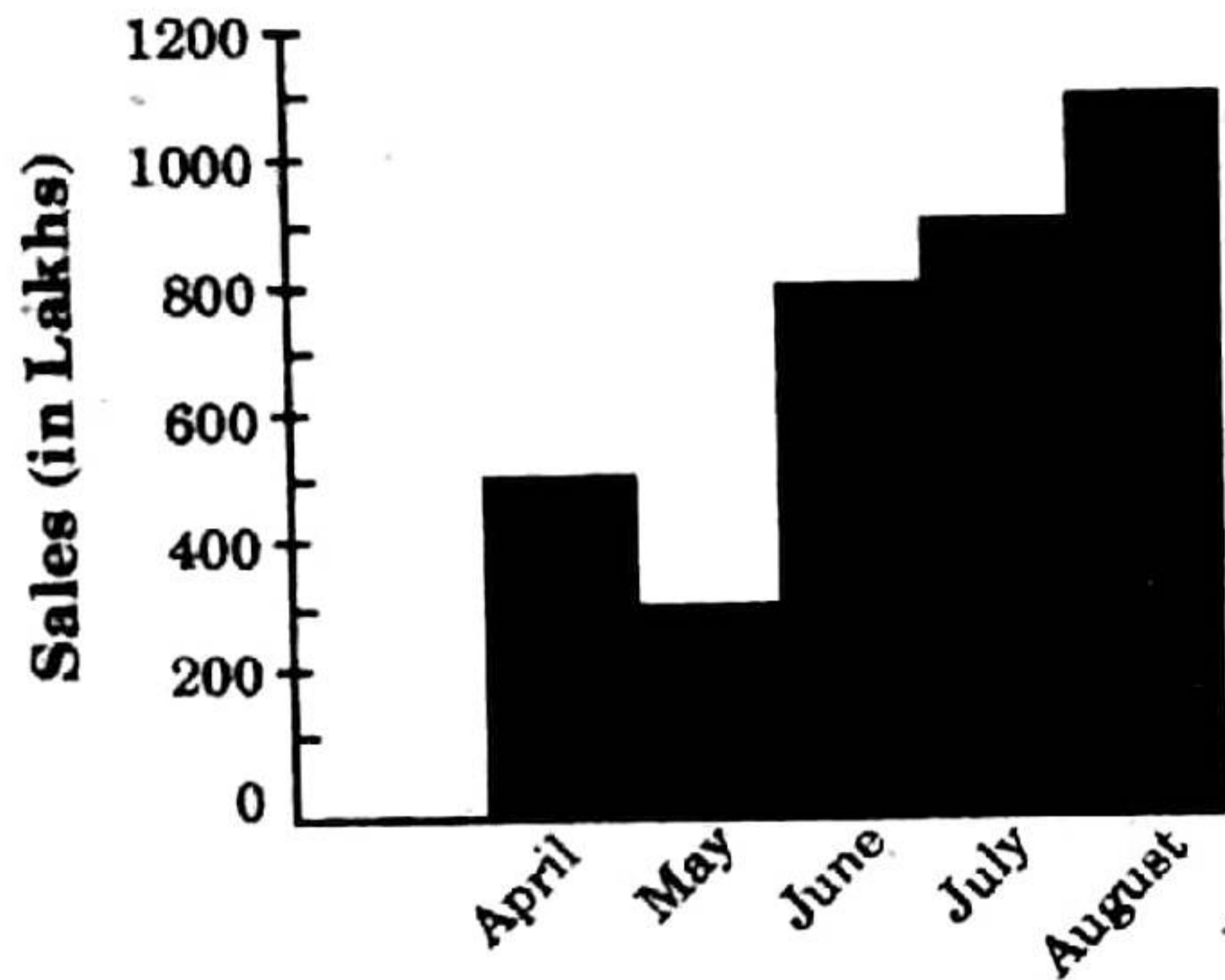
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COMMON ERRORS IN ENGLISH

PART-B NUMERICAL APTITUDE

Directions (26 - 27) : The following bar diagram graph depicts the sales of items (in lakhs) in a departmental store from April to August in the current year. Study the graph and answer the following questions using the data provided here.



26. The average monthly sale (in lakhs) is :
 (1) 600 (2) 650
 (3) 720 (4) 780
27. The sales in July is how many times to sales in May?
 (1) 3 (2) 2.5
 (3) 300 (4) 2
28. A merchant buys 20 kgs. of a variety of rice at Rs. 14 per kg and another 40 kgs. of rice at Rs. 10 per kg. He mixes them and sells $\frac{1}{3}$ of the mixture at Rs. 12.50 per kg. At what rate should he sell the remaining mixture so as to earn a profit of 25% on the whole outlay?
 (1) Rs. 12.50 (2) Rs. 12
 (3) Rs. 15 (4) Rs. 13
29. A man sells an article at a loss of 10%. If he had sold it for Rs. 75 more he would have gained 20%. The cost price of the article is (in Rs.) :
 (1) 225 (2) 300
 (3) 150 (4) 250

30. $\frac{1}{2}$ of A = $\frac{2}{5}$ of B = $\frac{1}{3}$ of C, then A : B : C is :
 (1) 4 : 5 : 6 (2) 6 : 4 : 5
 (3) 4 : 6 : 5 (4) 5 : 4 : 6
31. The population of a city increases at the rate of 5% per annum. If the present population of the city is 3,70,440, its population 3 years ago was :
 (1) 30,000 (2) 2,80,000
 (3) 3,60,000 (4) 3,20,000
32. The least number of five digits exactly divisible by 88 is :
 (1) 10032 (2) 10132
 (3) 10088 (4) 10023
33. The radius of a circle is increased by 10%. The percentage increase in its area is :
 (1) 10% (2) 11%
 (3) 20% (4) 21%
34. A shopkeeper sold a TV set for Rs. 17940 with a discount of 8% and earned a profit of 19.6%. What should have been the percentage of profit earned if no discount was offered?
 (1) 23.07% (2) 24.05%
 (3) 24.6% (4) 24%
35. A sphere has a total surface area of 9π cm². Its volume is :
 (1) 36π cm³ (2) $\frac{9}{2}\pi$ cm³
 (3) 18π cm³ (4) $\frac{4}{3}\pi$ cm³
36. A person spends 25% of his annual income on house rent, 15% on education of children and 45% on other items. If he saves Rs. 14,400 annually, then the person's total income is :
 (1) Rs. 96,000 (2) Rs. 98,000
 (3) Rs. 1,00,000 (4) Rs. 1,20,000
37. A litre of water weighs a kilogram, a litre of another liquid weighs 1.340 kilogram. A mixture of the two weighs 1.270 kilogram per litre. The ratio of their volumes in a litre of the mixture is :

- (1) 27 : 34 (2) 7 : 17
 (3) 17 : 24 (4) 7 : 27
38. A can do a piece of work in 5 days and B in 4 days. How long will they take to do the same work when working together?
 (1) 9 (2) $2\frac{2}{9}$
 (3) $4\frac{1}{3}$ (4) $3\frac{2}{9}$
39. The average age of 30 students is 20 years and average age of 20 other students is 30 years. The average age of total number of students is :
 (1) 24 years
 (2) 25 years
 (3) 48 years
 (4) 50 years
40. The simple interest on a sum for 5 years is $\frac{3}{5}$ th of the sum. The rate of interest per annum is :
 (1) 10% (2) 12%
 (3) 8% (4) $12\frac{1}{2}\%$
41. If 'a' and 'b' are positive integers such that $a^2 - b^2 = 19$, then the value of 'a' is :
 (1) 10 (2) 20
 (3) 9 (4) 19
42. A certain number of men complete a piece of work in 60 days. If there were 8 men more, the work can be finished in 10 days less. The number of men originally is :
 (1) 36 (2) 40
 (3) 30 (4) 32
43. If a train maintains an average speed of 42 km per hour, it arrives at its destination at the right time. If however, the average speed is 40 km per hour, it arrives 15 minutes late. Find the length of the journey?
 (1) 210 km. (2) 205 km.
 (3) 209 km. (4) 200 km.

PART-C GENERAL ENGLISH

Directions (51-60) : In the following questions, some parts of the sentences have errors and some are correct. Find out which part of a sentence has an error. The number of that part is the answer. If a sentence is free from error, your answer is 'No error'.

44. The sum of the present ages of father and son is 90 years. 10 years earlier the ratio of their ages was 5 : 2. The present age of the father is :
 (1) 65 years (2) 68 years
 (3) 60 years (4) 70 years
45. A fruit seller buys 100 kg. of superior variety of mangoes at Rs. 45 per kg and 200 kg. of inferior variety at Rs. 40 per kg and sells all the mangoes at Rs. 45 per kg. The profit percentage of the fruit seller is :
 (1) 25 (2) $22\frac{2}{9}$
 (3) 12.5 (4) 8
46. A fan is listed at Rs. 150 with a discount of 20 %. What additional discount must be offered to the customer to bring the net price to Rs. 108 ?
 (1) 15% (2) 10%
 (3) 5% (4) 20%
47. Of the three numbers, the first is twice the second, and the second is twice the third. The average of the reciprocal of the numbers is $\frac{7}{12}$. The numbers are :
 (1) 20, 10, 5 (2) 4, 2, 1
 (3) 36, 18, 9 (4) 16, 8, 4
48. If the ratio of areas of two circles is 4 : 9, then the ratio of their circumference will be :
 (1) 3 : 2 (2) 9 : 4
 (3) 2 : 3 (4) 4 : 9
49. At what per cent above the cost price must a person mark the price of an article so that he can enjoy 20% profit after allowing 20% discount?
 (1) 0% (2) 50%
 (3) 60% (4) 30%
50. A train covers a distance of 12 km in 10 minutes. If it takes 6 seconds to pass a telegraph post, then the length of the train is :
 (1) 100 metre (2) 120 metre
 (3) 140 metre (4) 90 metre

51. If you stand with me in hour of need, I will never forget you.
 (1) No error
 (2) with me in hour of need,
 (3) If you stand
 (4) I will never forget you.
52. It is better to stay at home than go to market when it is raining.
 (1) It is better to stay at home
 (2) than go to market
 (3) when it is raining.
 (4) No error
53. Our team played a football match.
 (1) a football match.
 (2) No error
 (3) Our team
 (4) played
54. Kindly please direct the tourists to the museum.
 (1) No error
 (2) Kindly please
 (3) to the museum
 (4) direct the tourists
55. She hopes to become an engineer after she will complete her education.
 (1) She hopes to become
 (2) will complete her education.
 (3) No error
 (4) an engineer after she
56. The thief had hardly put the cash in his pocket then the owner woke up.
 (1) No error
 (2) then the owner woke up.
 (3) The thief had hardly
 (4) put the cash in his pocket

57. All the girls students are advised to attend the meeting positively.
 (1) are advised to
 (2) All the girls students
 (3) attend the meeting positively.
 (4) No error
58. Could you please maintain silence for a while?
 (1) Could you
 (2) for a while?
 (3) No error
 (4) please maintain silence
59. At last he married with a poor girl.
 (1) with a poor girl.
 (2) At last
 (3) he married
 (4) No error
60. Bengal tigers are now almost extincted.
 (1) almost extincted.
 (2) are now (3) No error
 (4) Bengal tigers

Directions (61-63) : In the following questions, out of the four alternatives, choose the one which best expresses the meaning of the given word.

61. **Answer**
 (1) Speak (2) Question
 (3) Response (4) React
62. **Exactly**
 (1) Different (2) Precisely
 (3) Similar (4) Same
63. **Pain**
 (1) Ache (2) Vibration
 (3) Throb (4) Comfort

Directions (64-68) : In the following questions, out of the four alternatives, choose the one which can most appropriately substitute the given word(s) or sentence.

64. One whose wife is dead.
 (1) bechelor (2) spinster
 (3) widower (4) widow
65. The centre of attraction.
 (1) focus (2) cynosure
 (3) point (4) custodian
66. The murder of one's father.
 (1) homicide (2) fratricide
 (3) patricide (4) regicide

60. $1200 \div \frac{4}{3} - 800 \times 1.1 = ?$
 (1) 10 (2) 12
 (3) 20 (4) 16
 (5) 8

61. $625 \times \frac{1}{25} \times 4 = 20 \times ?$
 (1) 5 (2) 7
 (3) 11 (4) 9
 (5) 6

62. $\frac{5}{8}$ of $\frac{4}{15}$ of 372 = ?
 (1) 58 (2) 52
 (3) 64 (4) 62
 (5) 65

63. 20% of 220 $\times ? = 35.2$
 (1) 0.8 (2) 0.6
 (3) 0.4 (4) 0.3
 (5) 0.2

64. $8.7 \times 8.7 - 3.4 \times 8.7 + 1.7 \times 1.7 = ?$
 (1) 49 (2) 1
 (3) 121 (4) 16
 (5) 9

65. $189.25 + 329.95 - 444.2 = ?$
 (1) 72 (2) 121
 (3) 75 (4) 99
 (5) 101

66. $278 - 152 \div 8 = ?$
 (1) 259 (2) 269
 (3) 253 (4) 261
 (5) 255

67. $3.6 - 0.8 \times 1.5 = 5 - ?$
 (1) 1.4 (2) 2.6
 (3) 3.6 (4) 1.6
 (5) 2.4

Directions (68-73) : What will come in place of the question mark (?) in the following number series?

68. 5 6 24 58 107 ?
 (1) 190 (2) 128
 (3) 170 (4) 205
 (5) 152

69. 416 ? 104 52 26 13
 (1) 208 (2) 204
 (3) 214 (4) 132
 (5) 216

70. 452 440 416 368 272 ?
 (1) 98 (2) 131
 (3) 94 (4) 102
 (5) 80

71. 13 13 26 78 312 ?
 (1) 1390 (2) 1820
 (3) 1460 (4) 1240
 (5) 1560

72. 8 17 42 91 172 ?
 (1) 271 (2) 268
 (3) 305 (4) 289
 (5) 293

73. 7 8 16 43 107 ?
 (1) 270 (2) 232
 (3) 202 (4) 234
 (5) 240

74. A person travels 150 km in 1 hour 12 minutes. What distance will he be able to cover in 108 minutes (in km)?
 (1) 225 (2) 190
 (3) 125 (4) 120
 (5) 160

75. Simple interest on Rs. 'x' at the rate of 14 per cent per annum for 2 years is Rs. 364. What is the interest on Rs. (x + 100) at the same rate of interest for 3 years?
 (1) Rs. 672 (2) Rs. 546
 (3) Rs. 756 (4) Rs. 504
 (5) Rs. 588

76. A can complete a piece of work in 54 days and B can complete the same piece of work in 45 days. If they work together, what fraction of the same work they can complete in 9 days?

(1) $\frac{7}{10}$ (2) $\frac{13}{20}$
 (3) $\frac{17}{30}$ (4) $\frac{11}{30}$
 (5) $\frac{3}{10}$

77. The ratio of present ages of A and B is 5 : 6 respectively. A is 7 years younger than B. What would be the respective ratio of their ages (of A and B) 14 years hence?
 (1) 5 : 8 (2) 3 : 4
 (3) 7 : 8 (4) 6 : 7
 (5) 5 : 7

78. The area of circle A is 616 cm². If the radius of circle B is 14 cm more than that of circle A, how much does the radius of circle B measure? (in cm.)
 (1) 42 (2) 35
 (3) 28 (4) 21
 (5) 49

79. A boat takes 4 hours 30 minutes to travel 90 km upstream. If the speed of the current is 6 km/h., what is the speed of the boat downstream? (in km/h.)
 (1) 32 (2) 20
 (3) 40 (4) 24
 (5) 36

80. The average score of 54 children in a group was 72. Six children of average score 76 joined the group. What was the new average score of the group?
 (1) 73.4 (2) 72.8
 (3) 74.2 (4) 72.4
 (5) 72.2

ANSWERS

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

67. Overturn in water.
 (1) drown (2) swim
 (3) wreck (4) capsize
68. That cannot be explained.
 (1) inexplicable
 (2) inexplicit
 (3) intolerable
 (4) irrevocable

Directions (69-73) : In the following questions, a part of the sentence is printed in **bold**. Below are given alternatives to the **bold** part which may improve the sentence. Choose the correct alternative. In case **no improvement** is needed, your answer is No Improvement.

69. Coding is nothing but **putting up** information in a given format.
 (1) filling up
 (2) putting in
 (3) No improvement
 (4) organising
70. As soon as I called her, she **came out** of her house.
 (1) is coming out
 (2) has come out
 (3) come out
 (4) No improvement
71. There are **schools in either sides** of the road.
 (1) schools on either side
 (2) school on either side
 (3) school on either sides
 (4) No improvement
72. We **acted your** instructions.
 (1) acted upon your
 (2) acted your very
 (3) acted over your
 (4) No improvement
73. Many years have passed since **India became free**.
 (1) had become free
 (2) No improvement
 (3) become free
 (4) has become free

Directions (74-76) : In the following questions, out of the four alternatives, choose the one which best expresses the meaning opposite to the given word.

74. **peak**
 (1) inferior (2) bottom
 (3) deep (4) mount

75. **scatter**
 (1) pile (2) store
 (3) hoard (4) collect
76. **despair**
 (1) hope (2) repair
 (3) sorrow (4) empty

Directions (77-82) : In the following questions, four words are given in each question, out of which only one word is correctly spelt. Find the correctly spelt word.

77. (1) sylabus (2) sillabus
 (3) cyllabus (4) syllabus
78. (1) higiene (2) hygene
 (3) hygiene (4) higene
79. (1) scheme (2) skeme
 (3) sceme (4) skeem
80. (1) heirr (2) heir
 (3) hier (4) hiar
81. (1) millenium
 (2) millennium
 (3) millennium (4) milenium
82. (1) government
 (2) goverment
 (3) goverrment
 (4) guvernement

Directions (83-92) : In the following questions, sentences are given with blanks to be filled in with an appropriate word(s). Four alternatives are suggested for each question. Choose the correct alternative out of the four.

83. He was so filled with contempt for the prisoner that he gave him a ___ look.
 (1) hurtful (2) pitying
 (3) humiliated (4) derisive
84. Anything is ___ which is not against the nature of things.
 (1) possible (2) parable
 (3) probable (4) practicable
85. She ___ great pleasure and satisfaction from cooking.
 (1) wants (2) has
 (3) derivers (4) draws
86. The ___ towards the school was very steep.
 (1) assent (2) accent
 (3) ascent (4) ascend

87. Next summer we're going ___ a trip to Canada.
 (1) to (2) on
 (3) for (4) over

88. Some interesting matters ___ in our discussion yesterday.
 (1) came in (2) came up
 (3) got up
 (4) came about

89. As soon as this workshop is over, I am going to ___ every duty and go on a holiday.
 (1) sidetrack (2) overthrow
 (3) close down (4) abandon

90. He loaded the ___ of cotton on the truck.
 (1) bundles (2) bales
 (3) baskets (4) bunches

91. Poetry is a ___ form of expression in which the particularity of the word and the image to evoke feeling, assumes great importance.
 (1) suppressed
 (2) patronized
 (3) digressed
 (4) compressed

92. Romeo and Juliet's ___ affair is probably the most loved of all times.
 (1) covert
 (2) clandestine
 (3) secret
 (4) candid

Directions (93-95) : In the following questions, four alternatives are given for the Idiom/Phrase printed in **bold** in the sentence. Choose the alternative that best expresses the meaning of the Idiom/Phrase.

93. John was **as good as his word** and came on time for the meeting.
 (1) convincing
 (2) punctual
 (3) able to fulfill his promise
 (4) a promising young man
94. I was asked to **take a hike** for a comment I made.
 (1) take a break
 (2) be quiet
 (3) leave (4) think

95. He came to work looking very off colour.

- (1) tired (2) worried
(3) ill (4) unhappy

Directions (96-100) : In the following questions, read the passage carefully and choose the best answer to each question out of the four alternatives.

Expedition mountaineering could be viewed as slow and heavy, where climbers may use porters, pack animals, glacier airplanes, cooks, multiple carries between camps, usage of fixed lines etc. Expedition mountaineers still employ the skill sets of the alpine mountaineer, except they have to deal with even higher altitudes, expanded time scale, longer routes, foreign logistics, more severe weather, and additional skills unique to expeditionary climbing. The prevalence of expedition-style climbing in the Himalayas is largely a function of the nature of the mountains in the region.

Because Himalaya base camps can take days or weeks to trek to and Himalayan mountains can take weeks or perhaps even months to climb, a large number of personnel and amount of supplies are necessary. This is why expedition-style climbing is frequently used on large and isolated peaks in the Himalayas. In Europe and North America there is less of a need for expedition-style climbing on most medium-sized mountains. These mountains can often be easily accessed by car or air, are at a lower altitude and can be climbed in a shorter time scale.

96. Which of the following style of mountaineering is considered to be slow and heavy?
- (1) alpine mountaineering
(2) expedition mountaineering
(3) sports mountaineering
(4) Himalayan mountaineering

97. What accounts for the greater prevalence of expedition mountaineering in the Himalayas?

- (1) the severe weather condition
(2) glacier airplanes
(3) multiple carries between camps
(4) the specific nature of mountains

98. What necessitates the huge amount of supplies and large number of personnel in Himalayan expeditions?

- (1) low altitudes
(2) foreign logistics
(3) severe weather condition
(4) expanded time scale

99. Which of the following is true?

- (1) Most medium-sized peaks in Europe are accessed by car or air
(2) European and North American mountains require expanded time scale for climbing.
(3) Expeditionary climbing is popular in the Americans.
(4) Himalayan base camp treks can be completed in a day or two.

100. Which of the following is best undertaken as expedition mountaineering?

- (1) medium-sized mountains
(2) large and isolated peaks
(3) peaks in Europe and North America
(4) short time scale mountaineering

PART-D GENERAL AWARENESS

101. Area which supports the economy and export trade of a sea port is called its :

- (1) export basin
(2) hinterland
(3) economic zone
(4) umland

102. Which type of function does the analytical engine perform?

- (1) Control functions
(2) Logical functions
(3) Relational functions
(4) Arithmetic functions

103. The Pallava dynasty had their capital at :

- (1) Kancheepuram
(2) Thanjavur
(3) Madurai
(4) Vengi

104. Who convened the 'Congress of Vienna', 1815?

- (1) Napoleon Bonaparte
(2) Mussolini
(3) Metternich
(4) Bismarck

105. In the context of alternative sources of energy, ethanol as a viable bio-fuel can be obtained from :

- (1) Sugarcane
(2) Potato
(3) Rice (4) Wheat

106. Biogas is formed through :

- (1) Fermentation
(2) Oxidation
(3) Aerobic respiration
(4) Reduction

107. Which one of the following is a land locked country?

- (1) India (2) Russia
(3) China (4) Austria

108. The highest plateau of India is the :

- (1) Malwa
(2) Chota Nagpur
(3) Laddakh
(4) Deccan

109. A person suffering from long sightedness wears spectacles having :
- (1) Concave convex lens
 - (2) Lenses with negative
 - (3) Concave lenses
 - (4) Convex lenses
110. Nek Chand Saini's name is associated with which of the following gardens :
- (1) Shalimar Bagh, Srinagar
 - (2) Rock garden, Chandigarh
 - (3) Hanging garden, Mumbai
 - (4) Vrindavan Garden, Mysore
111. In an inflationary situation, which of the following statements is false for a country?
- (1) Profit rise faster than wages.
 - (2) Value of money falls.
 - (3) Cost of living rises.
 - (4) Country's exports become more competitive.
112. Buland Darwaza is located in which fort?
- (1) Red Fort at Agra
 - (2) Hawa Mahal
 - (3) Red Fort at Delhi
 - (4) Fateh Pur Sikri
113. Fraternity means :
- (1) Spirit of brotherhood
 - (2) Fatherly treatment
 - (3) Unity and Integrity
 - (4) Elimination of Economic Justice
114. Which of the following elicits the Public opinion on a Bill?
- (1) Plebiscite
 - (2) Referendum
 - (3) Recall
 - (4) Initiative
115. The sub-marine of Indian Navy is :
- (1) INS Rajali
 - (2) INS Virat
 - (3) INS Sindhurakshak
 - (4) INS Vikrant
116. Hepatitis is a disease of the :
- (1) Eyes
 - (2) Kidney
 - (3) Liver
 - (4) Heart
117. The law of demand states that when :
- (1) income and price rises demand rises
 - (2) income rises demand rises.

- (3) price rises demand rises.
 - (4) price falls demand rises.
118. Stories of Buddha's birth and his previous lives are contained in :
- (1) Tripitakas
 - (2) Triratnas
 - (3) Panchatantra tales
 - (4) Jataka-tales
119. India signed the 'Paris Agreement' on 'Climatic Change' in April 2016 at :
- (1) Geneva
 - (2) New-York
 - (3) New Delhi
 - (4) Paris
120. Who among the following not an Olympics medal winner?
- (1) Abhinav Bindra
 - (2) K. Malleshwari
 - (3) Jwala Gutta
 - (4) Mary Kom
121. Water stomata are present in the :
- (1) Veins
 - (2) Ventral surface of Leaf
 - (3) Leaf margin
 - (4) Dorsal surface of Leaf
122. The basis for determining the dearness allowance of employees in India is :
- (1) National Income.
 - (2) Consumer Price Index.
 - (3) Standard of living.
 - (4) Per capita income.
123. The State with largest gap in male and female literacy is :
- (1) Uttar Pradesh
 - (2) Rajasthan
 - (3) Madhya Pradesh
 - (4) Kerala
124. When all inputs are doubled and as a result, output also doubles then we have :
- (1) Constant returns to scale
 - (2) Decreasing returns to scale.
 - (3) Increasing returns to scale.
 - (4) None of the options.
125. Brown ring test is used for the detection of.
- (1) phosphate
 - (2) sulphate
 - (3) nitrate
 - (4) chlorate
126. Does the President of India have veto power?
- (1) Yes
 - (2) Only for money bills

- (3) The Constitution is silent on this.
 - (4) No
127. Distant objects can be seen with the help of?
- (1) cronometer
 - (2) telescope
 - (3) microscope
 - (4) spectroscope
128. Which one of the following statement is True regarding rate of interest :
- (1) Rate of interest may be zero
 - (2) Rate of interest increase with economic growth.
 - (3) Rate of interest cannot be determined.
 - (4) Rate of interest can not be zero.
129. Through which states does the river Chambal flow?
- (1) Rajasthan, Madhya Pradesh, Bihar
 - (2) Uttar Pradesh, Madhya Pradesh, Rajasthan
 - (3) Madhya Pradesh, Gujarat, Uttar Pradesh
 - (4) Gujrat, Madhya Pradesh, Uttar Pradesh, Bihar
130. The term Renaissance means :
- (1) The Era of Religious Reforms
 - (2) The Golden Age
 - (3) The Dark Age
 - (4) The Age of Reason, Enlightenment and Discoveries
131. The element involved with blood clotting is :
- (1) Phosphorus
 - (2) Calcium
 - (3) Iron
 - (4) Sodium
132. Two gaseous molecules can react only when they have same _____.
- (1) Free energy
 - (2) entropy
 - (3) energy
 - (4) orientation/steric factor
133. A _____ is a program that interprets and displays Web Pages.
- (1) Link
 - (2) Website
 - (3) Browser
 - (4) Server
134. The objective of Sangam Yojana of the government is :

- (1) To make Ganga water pollution free.
 (2) To ensure welfare of handicaps and disables.
 (3) To unite various Hindu groups
 (4) To make Sangam region of Allahabad more attractive for tourists.
135. A computer that keeps copies of responses and recent requests is known as _____.
 (1) Server
 (2) Web Server
 (3) Proxy Server
 (4) Mail Server
136. Which country will host the under-17 FIFA World Cup in 2017?
 (1) Spain (2) Brazil
 (3) India (4) Germany
137. A hinged door is an example of :
 (1) Third order lever
 (2) Second order lever
 (3) First order lever
 (4) Cantilever
138. The consumer is compared to a king under?
 (1) Socialism
 (2) Mixed Economy
 (3) Communism
 (4) Capitalism
139. Amrita Shergil was a famous.
 (1) dancer (2) singer
 (3) actress (4) painter
140. An area reserved for the protection of the wildlife is called :
 (1) Sanctuary
 (2) National Park
 (3) Zoological Park
 (4) Reserved Forest
141. In winter, at the time of hibernation, Toads maintain breathing through :
 (1) Both by Skin and Lungs
 (2) Lungs (3) Skin
 (4) Buccal cavity
142. Katherine Espin who won the crown of 2016 Miss Earth belongs to which country?
 (1) Phillipines (2) Columbia
 (3) Ecuador (4) Venezuela
143. The words socialist and secular were inserted in the Preamble to the Constitution by :
 (1) The 16th Amendment
 (2) The 7th Amendment
 (3) The 42nd Amendment
 (4) The 44th Amendment
144. A pressure cooker reduces cooking time because :
 (1) the heat is more evenly distributed.
 (2) the boiling point of the water inside is elevated.
 (3) it absorbs more heat from its flame.
 (4) the higher pressure tenderises the food.
145. Which of the following sultans adopted Persian customs and manners in court :
 (1) Alauddin Khilji
 (2) Jalaluddin Khilji
 (3) Iltutmish
 (4) Balban
146. Who amongst the following is the Vice-Chairman of the newly formed NITI AAYOG?
 (1) B.V. Kamath
 (2) K.G. Vaidya
 (3) Arvind Panagariya
 (4) A.B. Bhattacharya
147. Himalayan Forest Research Centre is located at :
 (1) Shimla
 (2) Dehradun
 (3) Bhutan
 (4) Srinagar
148. Which of the following is an example of direct democracy?
 (1) Nagar Panchayat
 (2) District Panchayat
 (3) Gram Sabha
 (4) Village Panchayat
149. The largest part of our brain is :
 (1) Medulla oblongata
 (2) Cerebellum
 (3) Cerebrum
 (4) Hypothalamous
150. Slow and uniform cooling of hot iron in its metallurgy is known as :
 (1) quenching
 (2) tempering
 (3) chilling
 (4) annealing