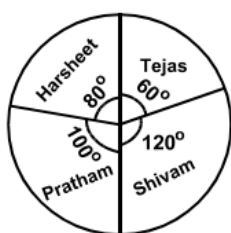


FCI Assistant Grade III 2015

(West Zone)

- The first women to climb mountain Everest peak was:
 - Marie Jose Percec
 - Florence Griffith Joyner
 - Junko Tabei
 - Jackie Joyner Kersee
- Which one of the following European countries borders Atlantic ocean?
 - Portugal
 - Austria
 - Finland
 - Romania

DIRECTIONS: The pie chart, given here, represents the number of valid votes obtained by four students who contested election for school leadership. The total number of valid votes polled was 720. Observe the chart and answer the question based on it.



- By how many votes did the winner defeat his nearest rival?
 - 35
 - 45
 - 40
 - 50
- In the constitution of India, promotion of International peace and security is included in the:
 - Preamble of the constitution
 - Directive principles of state policy
 - Fundamental duties
 - Ninth Schedule
- In a certain code language, the word 'NUMERICAL' is written as 'LMUIREACN'. How will the word 'PUBLISHED' be written in that language?
 - DBUSLIHEP
 - DBUSILEHP
 - DUBSLIEHP
 - DUBILSEHP
- The arranging of data in a logical sequence is called:
 - Classifying
 - Summarizing
 - Reproducing
 - Sorting
- A half byte is known as:
 - Nibble
 - Data
 - Bit
 - None of these

- In a survey, it was found that 55% go for jogging, 50% do yoga, 42% do aerobics, 28% do jogging and yoga, 20% do yoga and aerobics, 12% go for jogging and aerobics and 10% do all three. If each one of them go for atleast one of these, then what percentage do exactly one exercise?
 - 40%
 - 49%
 - 57%
 - 59%
- _____ language is used to create macros in MS Excel
 - Visual C++
 - Visual Basic
 - Java
 - C++
- Match List-I (temple/Heritage site) with List-II (State) and select the correct answers using the codes given below:

List-I	List-II
1. Brihadeshwara Temple	A. Orissa
2. Dilwara Temple	B. Tamil Nadu
3. Lingraja Temple	C. Karnataka
4. Hampi Group of Mountains	D. Rajasthan
	E. Kerala

 - A1, C2, E3, D4
 - B1, D2, A3, C4
 - B1, C2, A3, D4
 - A1, D2, E3, C4
- John O'Keefe, May- Britt Moser and Edward Moser won the Nobel Prize 2014 in the field of:
 - Chemistry
 - Physiology or Medicine
 - Physics
 - Economic Sciences
- Beji Caid Essebsi was recently sworn in as the President of which of the following countries:
 - Belgium
 - Tunisia
 - Fiji
 - Sudan
- Iain Hume was recently awarded the Golden Ball Award for the best player of Indian super League. He was related to which of the following teams at the time of winning:
 - Atletico De Kolkata
 - Kerala Blasters FC
 - Delhi Dynamos FC
 - Mumbai City FC
- India has exported its first warship named "CGS Barracuda" to which of the following countries?
 - Maldives
 - Bhutan
 - Nepal
 - Mauritius



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DIRECTIONS: In a classroom, there are 5 rows, and 5 children A, B, C D and E are seated one behind the other in 5 separate rows as follows.

15. A is sitting behind C, but in front of B. C is sitting behind E. D is sitting in front of E. The order in which they are sitting from the first row to the last is.
 A. DCEAB B. DECBA
 C. DECAB D. DCEBA
16. As per Reserve Bank of India KYC norms, full KYC exercise is to be done at least every years for low risk category of customers:
 A. 10 B. 2
 C. 8 D. 5

DIRECTIONS: (Question No. 17 to 21) Study the following information correctly and answer the question given below.

Total population of a village is 5000. The ratio of males to females is 3:2. Among the male population the ratio of adults to children is 1:2. Among the female population, the ratio of adults to children is 1:1. Among the male adults 80% are educated where as among the female adults 60% are educated. 60% of the female adult population is married and 20% of them are married outside the village.

17. How many adults are uneducated in the village in all:
 A. 1400 B. 600
 C. 500 D. 1000
18. If there are 2700 children enrolled in school, what percent of children are not enrolled in school?
 A. 5% B. 10%
 C. 15% D. 20%
19. If 1000 adult males are married, find the number of adults females who are not married in the same village:
 A. 120 B. 240
 C. 300 D. None of these
20. What percent of adults population is uneducated?
 A. 20% B. 25%
 C. 30% D. 40%
21. Find the ratio of adult males to adult females?
 A. 1 : 1 B. 1 : 2
 C. 2 : 3 D. 3 : 2

22. What do you press to enter the current date in a cell?
 A. CTRL + ; (semicolon)
 B. CTRL + SHIFT + :(colon)
 C. CTRL + F10
 D. CTRL + F11
23. Which of the following circuit is used as a 'Memory device' in computers?
 A. Rectifier B. Flip-Flop
 C. Comparator D. Attenuator
24. Which one of the following is the query language for the INGRES DBMS?
 A. Quel
 B. QBE
 C. SQL
 D. All of the above
25. National Optic Fibre Network is the largest rural connectivity project in the World. First state of India to connect all its district gram panchayats through this:
 A. Gujarat B. Kerala
 C. Karnataka D. Tamilnadu
26. Find the missing number.



- A. 512 B. 125
 C. 256 D. 315
27. A "CD" player having a price tag of ` 900 is sold for ` 729 after two successive discounts. If the first discount was 10%, then what was the second discount?
 A. 12% B. 8%
 C. 10% D. 6%
28. The area of two circular fields are in the ratio 16:49. If the radius of the latter is 14 m, then what is the radius of the former?
 A. 10 m B. 8 m
 C. 12 m D. 9 m
29. In a game of cards, A and B together had four times as much money as 'R', while R and B together had three times as much as A. What fraction of the total money did R have in the game?
 A. 1/7 B. 1/5
 C. 1/12 D. 2/9



30. Two pipes 'A' and 'B' can fill a tank in 15 minutes and 20 minutes respectively. Both the pipes are opened together but after 4 minutes, pipe 'A' is turned off. What is the total time required to fill the tank?
- A. 12 minutes 40 sec.
B. 11 minutes 35 sec.
C. 14 minutes 40 sec.
D. 13 minutes 35 sec.
31. Sushasan Express which was recently flagged off will run between:
- A. Gwalior and Jabalpur
B. Gwalior and Jaipur
C. Jhansi and Lucknow
D. Gwalior and Gonda
32. The recommendation of setting up of National Environment Management Authority and State Environment management Authority has been proposed by:
- A. Subramanian Panel
B. Shunglu Panel
C. Kelkar Panel
D. Javedkar Panel
33. Recently India pledged to provide 69 million rupees assistance to Nepal. This was for:
- A. Earthquake Assistance
B. Iodine Deficiency Programme
C. Educational assistance
D. Cancer research programme
34. A sum of money at compound interest doubles itself in 15 years. It will become eight times of itself in?
- A. 30 years B. 45 years
C. 35 years D. 40 years
35. An alloy of steel contains iron and carbon in the ratio 3:4. If 120 kg of iron is added to the alloy, then the same ratio become 5:4. Find the initial quantity of iron in the alloy.
- A. 175 kg B. 180 kg
C. 160 kg D. 185 kg
36. S.D.R with reference to IMF stands for:
- A. Special Dollor Rights
B. Special Drawing Rights
C. Single Drawing Rights
D. Sunk Drawing Rights
37. The name of India research station at the North pole:
- A. Dakshin Gangotri
B. Maitri
C. Himadri
D. None of the above
38. Which of the following places the common data elements in order from smallest to largest?
- A. Character, file, record, field, database
B. Character, record, field, file, database
C. Character, field, record, file, database
D. Bit, byte, character, record, field, file, database
39. 'AS' clause is used in SQL for:
- A. Selection operation
B. Rename operation
C. Join operation
D. Projection operation
40. CMM level 1 has:
- A. 6 KPAs B. 2 KPAs
C. 0 KPAs D. 1 KPAs
41. A horse is tied with a rope of length 7 m at one corner of a square field having side equal to 10 m. Find the minimum possible area of the square field that is left ungrazed:
- A. 65.5 m² B. 61.5 m²
C. 75.5 m² D. None of these
42. Anil, Abhay and Sanjay can complete a piece of work in 10 days, 12 days and 15 days respectively. All of them started working together but Anil left after working for 2 days and Abhay left 3 days before the completion of work. How long did the work lasts?
- A. 7 days B. 6 days
C. 9 days D. None of these
43. The hair of shaving brush clings together when removed from water due to:
- A. Surface tension B. Viscosity
C. Elasticity D. Friction

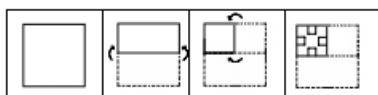
DIRECTIONS: In this question a piece of paper is folded and then cut as shown below. The dotted lines shown are the portion which have been folded. The curve arrow shows the directions of folding. And the number of scissors beneath the figure show the number of portions cut. From the given responses, indicate how it will appear when opened. The opening is in the same order as folding.



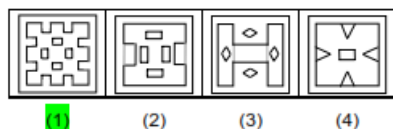
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44. Question figure

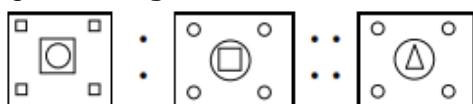


Answer figure

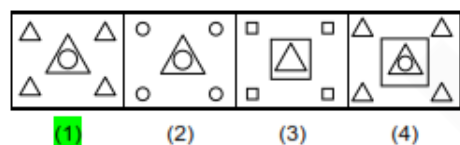


DIRECTIONS: Select the suitable alternative to satisfy the relationship in the following question.

45. Question figure



Answer figure



DIRECTIONS: Select the suitable alternative to satisfy the relationship in the following question.

46. Acid : Litmus : : Knowledge:
- A. Learn B. Test
C. Burn D. Absorb
47. The most abundant gas emitted from Volcanoes is:
- A. Water vapour
B. Helium
C. Sulphur Dioxide
D. Carbon Dioxide
48. Which one among the following rivers does not flow into Bay of Bengal?
- A. Mahanadi B. Cauvery
C. Tapti D. Godavari
49. When we consider 15° meridian on a world map or globe and count them in an eastward direction starting with Greenwich meridian (0°), we find that the time of this meridian is:
- A. Same as Greenwich
B. 1 hour fast
C. 1 hour slow
D. 12 hour fast

50. MICR stands for:
- A. Magnetic input character reader
B. Magnetic ink character reader
C. Medium ink character reader
D. Medium input character reader
51. Any file in which insertion of new records or deletion of old records occurs at a high rate is referred to as:
- A. A volatile file
B. A sequential file
C. A random access file
D. None of the above
52. Conceptually, the circuitry of a central processing unit (CPU) can be subdivided into two major sub-units. Which one of the following units would perform the required arithmetic and comparison operations:
- A. ALU
B. Control unit
C. RAID unit
D. Fuzzy logic unit
53. A man leaves for his office from his house. He walks towards South. After walking a distance of 300 metres, he turns towards West and walks 200 metres. Then he walks 100 metres towards North and further 100 metres towards West. He then turns towards North and walks 200 metres. What is the straight distance in metres between his initial and final positions?
- A. 300 metres B. 200 metres
C. 250 metres D. 400 metres
54. What is the number missing from the third target?

5	9	15
16	29	?
49	89	147

- A. 48 B. 45
C. 42 D. 49

DIRECTIONS: In the following questions, a series is given with one term missing. Choose the correct alternative from the given ones that will complete the series.

55. 3, 4, 7, 11, 18, 29, ___?
- A. 36 B. 41
C. 47 D. 51

56. Find the odd one out from the given alternatives.
 A. ACE B. FHJ
 C. KLM D. SUW
57. The ratio between the length and the area of a rectangular field is 1:30 respectively. The perimeter of the field is 150 metres. What is the length of that rectangular field?
 A. 45 metres B. 30 metres
 C. 15 metres D. None of these
58. A's present age is 4 years more than B's age after six years. The sum of the present age of A and B together is 70 years. What is the present age of B?
 A. 36 years B. 32 years
 C. 30 years D. 34 years
59. A man invested ₹ 14,400 in the hundred rupee shares of a company at 20% premium. If the company declares 5% dividend at the end of the year, then how much does he get as dividend?
 A. ₹ 700 B. ₹ 750
 C. ₹ 650 D. ₹ 600
60. A jogger running at 9 km per hour alongside a railway track is 240 metres ahead of the engine of a 120 metres long train running at 45 km per hour in the same direction. In how much time will the train pass the jogger?
 A. 70 seconds B. 36 seconds
 C. 56 seconds D. 18 seconds
61. In a class there are 33 students comprising of boys and girls. In a monthly test, the average score of the class was 14. The average score of girls and boys of the class was 15 and 12 respectively. Assuming that all the students had taken the test, what is the number of girls in the class?
 A. 11 B. 22
 C. 33 D. None of these
62. A petrol tank at a filling station has a capacity of 400 litres. The attendant sells 40 litres of petrol from the tank to one customer and then replenishes it with kerosene oil. This process is repeated with six customers. What quantity of pure petrol will the seventh customer get when he purchases 40 litres of petrol?
 A. 21.25 litres B. 20.25 litres
 C. 23.25 litres D. 24.25 litres

63. A box contains 90 discs which are numbered from 1 to 90. If one disc is drawn at random from the box, the probability that it bears a perfect square number is :
 A. 1/10 B. 1/11
 C. 1/90 D. 1/9
64. Which vitamin is called Alpha-tecopherol:
 A. Vitamin B B. Vitamin E
 C. Vitamin K D. Vitamin A

DIRECTIONS: (Question No. 65 to 70) The following questions are to be answered on the basis of the table given below.

Category of Personnel	Number of staff in 2010	Number of staff in 2014
Data entry operator	18	25
Data Base controller	5	8
Programmers	21	36
System Analysts	15	31
Manager (IT)	3	3
Supervisor	18	32
Total	80	135

65. If pie charts were to be drawn for the different categories of personnel, what would be the angle subtended by the system analysts for the year 2010?
 A. 30° B. 67½°
 C. 45° D. 90°
66. For the same categories of system analysts, what is the sector angle for the year 2014:
 A. 85° B. 8°
 C. 83° D. 32°
67. Since the total number of staff is different, the ratio of the radius of the circle for 2014 to that of circle for 2010 should?
 A. $\frac{135}{80}$ B. $\frac{80}{135}$
 C. $\sqrt{\frac{80}{135}}$ D. $\sqrt{\frac{135}{80}}$
68. What is the ratio of number of programmer to managers IT in 2014:
 A. 12 B. 1.2
 C. 0.12 D. 1/12
69. In the pie chart for 2010, what is the sector angle to represent one person?
 A. 3° B. 4°
 C. 5° D. 4½°



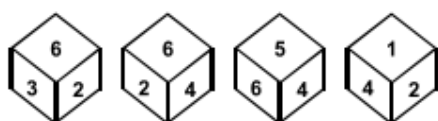
70. The number of categories for which the sector angle has decreased in 2014 compared to 2010 is:
 A. 3 B. 4
 C. 5 D. 6

DIRECTIONS: (Question No. 71 & 72) Each of the Questions below consists of a question and two statements numbered I and II given below it. You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and give answer as.

- A. If the data in the statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question.
 B. If the data in statement II alone are sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question.
 C. If the data either in statement I alone or in statement II alone are sufficient to answer question.
 D. If the data in both statement I and II even together are not sufficient to answer the question.
 E. If the data in both statements together are necessary to answer the question.
71. What is the population of town after 3 year, if its present population is 1 lakh?
 I. During first year the population increased by 10%
 II. During the second year the population decreased but again increased by 5% in third year.
 A. A B. B
 C. C D. D

72. Find the radius (r) of the circle.
 I. Area of the circle is 154 sq.cm.
 II. Circumference of the circle is $2/r$ times of the area of the circle.
 A. A B. B
 C. C D. D

73. Which number is on the face opposite to 6 in the dice whose four views are given below:



- A. 2 B. 4
 C. 3 D. None of these
74. Yakshagan is the famous dance form of the State of:
 A. Odisha B. Karkartaka
 C. Assam D. Kerala
75. Protein deficiency disease is known as:
 A. Kwashiorkar
 B. Cushing's disease
 C. Gaucher's disease
 D. None of the above

DIRECTIONS: Some words have been coded but no specific code is indicated. Use your judgement to pick the coded word which represents the given word the best.

76. TENTANT:
 A. 1 4 2 1 3 2 1
 B. 7 5 8 1 8 7 1
 C. 2 2 2 5 5 5 2
 D. 1 1 9 7 2 8 1

DIRECTIONS: Select the choice out of the given choices which gives the given words in the correct alphabetical order.

77. Blue, Bluff, Blurt, Blush:
 A. Blurt, Blush, Blue, Bluff
 B. Blue, Bluff, Blurt, Blush
 C. Bluff, Blue, Blurt, Blush
 D. Blush, Blue, Bluff, Blurt

DIRECTIONS: A logical diagram is drawn following by four choice groups. Select the choice which fit the logic of the diagram.

78.



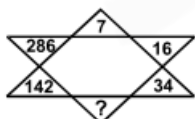
- A. Forest, Trees, Plants
 B. Mathematics, Algebra, Geometry
 C. River, House, Boy
 D. Humans, Mothers, Computers
79. If 'A ` B' means 'A is the father of B', 'A@ B' means 'A is the mother of B', 'A ! B' means 'A is the wife of B', then which of the following means 'T is the grandmother of U'?
 A. T @ R ₹ y ! U B. T @ S ₹ U ! y
 C. T @ R ! S ! U D. None of these



80. There are some girls and buffalos at a place. If total number of heads is 15 and total number of legs is 46, then how many girls and how many buffalos are there?
- 8 girls and 7 buffalos
 - 9 girls and 6 buffalos
 - 7 girls and 8 buffalos
 - 6 girls and 9 buffalos

DIRECTIONS: (Question No. 81 & 82) There were six persons U, V, W, X, Y, Z playing a game of cards. U's father, mother and uncle were in the group. There were two ladies in the group. 'V' the mother of 'U' got more points than her husband. 'X' got more points than 'Y' but less than 'Z'. Niece of 'Y' got lowest points. Father of 'U' got more points than 'Z' but could not win the game.

81. Who won the game & who got the lowest points respectively?
- V & U
 - U only
 - W & Y
 - X & V
82. Who is the husband of 'V' and what was his position in the game on the basis of points?
- Z, IInd
 - Y, IIIrd
 - X, IInd
 - W, IInd
83. If ROAD = 152 and MAP = 90, then RAIL = ?
- 120
 - 140
 - 160
 - 180
84. This is the ratio of a bank's capital to its risk, expressed as a percentage of a bank's risk weighted credit exposures:
- CAR
 - CRR
 - SLR
 - REPO
85. Youngest in the world who set a world record by swimming in 1°C temperature at Antarctic Ocean:
- Lewis Pugh
 - Lynne Cox
 - Charu Sharma
 - Bhakti Sharma
86. Fill the correct number at the sign of interrogation?



- 70
- 68
- 56
- 92

87. Which of the following commands is given to reboot the computer?
- Ctrl + Alt + Del
 - Ctrl + Alt + Tab
 - Ctrl + Shift + Del
 - Ctrl + Alt + shift
88. What is the extension used for batch files:
- .obj
 - .dat
 - .bas
 - .bat
89. A shift register is a:
- Random-access memory
 - Sequentially accessed memory
 - Read-only memory
 - Content-addressable memory
90. Remote Sensing Satellite Yaogan-23 was launched by?
- France
 - South Korea
 - Japan
 - China
91. ASSERTION (A):- The President is a part of Parliament.
REASON (R):- A bill passed by two Houses of Parliament cannot become law without the assent of the President.
- Both A and R are true and R is correct explanation of A
 - Both A and R are true but R is not correct explanation of A
 - A is true but R is false
 - A is false but R is true
92. The tide produced in an ocean when the pull on the Earth by the Sun and Moon is unidirectional is called:
- High tide
 - Spring tide
 - Neap tide
 - Low tide
93. Shigmo is one of the prominent festival of the:
- Tamil Community
 - Santhali Community
 - Konkani Hindu Community
 - Muslim Community
94. The first battle of Tarain was fought between:
- Mohammad Ghori and Prithvi Raj Chauhan
 - Akbar and Hemu
 - Mahmud of Ghazni and Prithvi Raj Chauhan
 - Akbar and Rana Pratap



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95. In case of reflection it is well known that when a mirror turned through an angle the reflected ray turns through:
- A. Same angle
 - B. Twice the angle
 - C. Thrice the angle
 - D. Half the angle

GENERAL ENGLISH

DIRECTIONS: (Question No. 96 to 99) Read the following passage carefully and answer the questions given below it.

As District Employment Officer, my father was given a jeep by the government. There was no garage in the office, so the jeep was parked in our house. My father refused to use it to commute to the office. He told us that the jeep is an expensive resource given by the government- he repeated to us that it was not 'his jeep' but the government's jeep. Insisting that he would use it only to tour the interiors, he would walk on normal days. He also made sure that we never sat in the government jeep- we could sit in it only when it was stationary. That was our early childhood lesson in governance- a lesson that corporate managers learn the hard way, some never do.

The driver of the jeep was treated with respect due to any other member of my father's office. We had to use the suffix 'dada' whenever we were to refer to him in public or private. When I grew up to own a car and a driver by the name of Raju was appointed. I repeated the lesson to my two small daughters. They have, as a result, grown up calling him 'Raju Uncle'- very different from many of their friends who refer to their driver as 'my driver'. I cringe. To me, the lesson was significant- you treat small people with more respect than you treat big people. It is more important to respect your subordinates than your superiors.

96. The writer's father refused to use the official jeep to commute to the office because:
- A. The jeep had a chronic engine problem
 - B. The jeep was an expensive resource and was given to him to tour the interiors
 - C. He didn't want to show off
 - D. He enjoyed walking to his office
97. What valuable lesson did the writer's father teach the children by refusing to use the official jeep for non-official business?

- A. The jeep should be used carefully and sparingly
 - B. Use of vehicles is against the principle of simplicity
 - C. He taught his children the distinction between public property and private property
 - D. Travelling in a jeep is not without its risks
98. The driver of the jeep was treated with respect because:
- A. He was an elderly person
 - B. He was short tempered person
 - C. The writer's father believed that small people should be treated with respect
 - D. The driver was a brahmin
99. What important lesson did the writer learn from his father?
- A. One should maintain a discreet distance from small people
 - B. One should treat small people with more respect than one treats big people
 - C. One should always be kind to one's subordinates
 - D. It is not prudent to be too familiar with one's servants

DIRECTIONS: In the following question arrange the given sentences/phrases in a coherent sequence and select the corresponding choice (1), (2), (3), (4).

100. Jumbled sentences/phrases
- M Which cannot be tackled
 - N Female literacy rate
 - O The empowerment of women
 - P Without raising the
 - Q In India is a vital issue
- A. NQMPO
 - B. OQPMN
 - C. OQMPN
 - D. QPONM
101. Identify the part of speech of the underlined words in the given sentences: Everybody looked delighted when the comely bride appeared on stage:
- A. Adverb
 - B. Adjective
 - C. Noun
 - D. Verb



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DIRECTIONS: In the following question, a word is followed by four choices. Select the choice that is nearly most opposite in meaning to the given word.

113. TRANSIENT
A. Materialistic B. Permanent
C. Steady D. Worthless

DIRECTIONS: In the following question select the most appropriate meaning for the given word.

114. VINDICATE
A. Elaborate B. Argue
C. Justify D. Define

DIRECTIONS: The following idioms is followed by alternative meanings of which one is correct. Choose the correct option.

115. Hobson's choice:
A. Excellent choice
B. Accept or leave the offer
C. Feeling of fear
D. Feeling of joy

DIRECTIONS: In the following sentence a portion has been underlined. There are four choices of phrasing the portion including the original. Select the best usage version from a b c d.

116. If Ram would have worked hard, he would have been selected for the job:
A. Had Ram worked harder
B. If Ram had worked hard
C. Had Ram worked hardly
D. If Ram would have worked hard

DIRECTIONS: In the following sentence a word or phrase is underlined and given a number. Pick a choice of number where the error lies.

117.
Ram and Shyam help one another in times
1 2 3

of need
4

- A. 1 B. 2
C. 3 D. 4

118. POLYGLOT— is someone who
A. has more than one spouse
B. drinks too much
C. plays more than one sport
D. Speaks many languages
119. Identify the adverb in the following sentence.

He spoke well at the meeting last night:
A. Well B. Meeting
C. Last Night D. All of these

120. Change the following direct speech into correct reported speech and mark your options from among choices. He said, "Shyam has not turned up yet"
A. He said that Shyam had not turned up yet
B. He said that Shyam has not turned up yet
C. He said that Shyam was not turned up yet
D. He said that Shyam had not turned up then



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