

## Part-I : English Language

*Directions (1-10): Read the following passage carefully and answer the questions given below it.*

King Hutamasan felt he had everything in the World not only due to his riches and his noble knights, but because of his beautiful queen, Rani Matsya. The rays of the Sun were put to shame with the iridescent light that Matsya illuminated, with her beauty and brain. At the right hand of the king, she was known to sit and aid him in all his judicial probes. You could not escape her deep-set eyes, when you commit a crime as she always know the victim and the culprit. Her generosity preceded her reputation in the kingdom and her hands were always full to give. People in the kingdom revered her because if she passed by, she always gave to the compassionate and poor.

Far away from the kingly palace lived a man named Raman with no ends to his poverty and no means

to rectify it. Raman was wrecked with poverty as he had lost all his land to the landlord. His age enabled him little towards manual labour and so begging was the only alternative to salvage his wife and children. Every morning, he went door to door for some work, food or money. The kindness of people always got him enough to take home. But Raman was a little self-centered. His World began with him first, followed by his family and the rest. So, he would eat and drink to his delight and return home with whatever he found excess. This routine followed and he never let anyone discover his interests as he always put on a long face, when he reached home.

One day as he was relishing the bowl of rice he had just received from a humble home, he heard that Rani Matsya was to pass from the very place he was standing. Her generosity had reached his ears and he

knew if he pulled a long face and showed how poor he was, she would hand him a bag full of gold coins – enough for the rest of his life, enough to buy food and supplies for his family. He thought he could keep some coins for himself and only reveal a few to his wife, so he can fulfill his own wishes.

He ran to the chariot of the Rani and begged her soldiers to allow him to speak to the queen. Listening to the arguments outside Rani Matsya opened the curtains of her chariot and asked Raman what he wanted. Raman went on his knees and praised the queen. I have heard you are most generous and most chaste, show this beggar some charity. Rani narrowed her brows and asked Raman what he could give her in return, surprised by such a question, Raman looked at his bowl full of rice. With spite in him he just picked up a few grains of rice and gave it to the queen. Rani Matsya counted the 5 grains and looked at his bowl full of rice and said, you shall be given what is due to you. Saying this, the chariot galloped away.

Raman abused her under his breath. This he never thought would happen. How could she ask him for something in return, when she hadn't given him anything? Irrked with anger he stormed home and gave his wife the bowl of rice. Just then he saw a sack at the entrance. His wife said men had come and kept it there. He opened it to find it full of rice. He put his hand inside and caught hold of a hard mental only to discover it was a gold coin. **Elated** he upturned the sack to find 5 gold coins in exact for the five rice grains. If only I had given my entire bowl, thought Raman, I would have had a sack full of gold.

1. What does the phrase 'pulled a long face' as used in the passage mean?
  - (a) Scratched his face
  - (b) Looked very sorrowful
  - (c) Disguised himself
  - (d) Put on makeup
  - (e) None of these
2. What can possibly be the moral of the story?
  - (a) Do to others as you would want others to do to you
  - (b) Patience is a virtue
  - (c) Winning is not everything, it is the journey that counts
  - (d) Change is the only constant thing in life
  - (e) None of these
3. Why was begging the only option for Raman to get food?
  - (a) As Raman belonged to a family of beggars
  - (b) As begging was the easiest way for him to obtain food
  - (c) As Raman's family had forced him to beg
  - (d) As he had lost all his property and was too old to do manual work
  - (e) None of these

4. What did Raman find after he returned home from his meeting with Rani Matsya?
  - (a) The Rani's soldiers
  - (b) An empty house
  - (c) The five grains of rice that he had given to Rani Matsya
  - (d) A sack full of rice and five gold coins
  - (e) None of these
5. According to the passage, which of the following is definitely true about Rani Matsya?
  - A. She was beautiful.
  - B. She was intelligent.
  - C. She was kind.
  - (a) Only A
  - (b) Only B
  - (c) Only C
  - (d) A and B
  - (e) All the three
6. Which of the following words can be used to describe Raman?
  - A. Deceitful
  - B. Selfish
  - C. Timid
  - (a) Only A
  - (b) Only B
  - (c) A and B
  - (d) B and C
  - (e) All the three

*Directions (7-8) Choose the word/group of words which is most similar in meaning to the word/group of words printed in bold as used in the passage.*

7. Galloped
  - (a) Hurtled
  - (b) Stumbled
  - (c) Slumbered
  - (d) Jumped
  - (e) Ran
8. Revered
  - (a) Remembered
  - (b) Feared
  - (c) Talked about
  - (d) Embraced
  - (e) Respected

*Directions (9-10) Choose the word/group of words which is most opposite in meaning to the word/group of words printed in bold as used in the passage.*

9. Reveal
  - (a) Stop
  - (b) Conceal

- (c) Present (d) Pending  
 (e) Tell
10. Elated  
 (a) Afraid (b) Poor  
 (c) Happy (d) Depressed  
 (e) Grounded

*Directions (11-15) Each question below has two blanks, each blank indicating that something has been omitted. Choose the set of words for each blank which best fits the meaning of the sentence as a whole.*

11. Much of the \_\_\_\_\_ that cricket has is due to the fact it is a \_\_\_\_\_ sport.  
 (a) allure, lucrative  
 (b) criticism, controversial  
 (c) flak, great  
 (d) comments, unusual  
 (e) attraction, unpopular
12. Since foggy weather \_\_\_\_\_ visibility by several metres, the railways has either partially \_\_\_\_\_ or diverted some of the trains.  
 (a) improves, started (b) impairs, called off  
 (c) hampers, withdrawn (d) decrease, stopped  
 (e) reduces, cancelled
13. The once \_\_\_\_\_ district is gradually being \_\_\_\_\_ of its green cover.  
 (a) remote, eroded (b) arid, replenished  
 (c) beautiful, devoid (d) picturesque, depleted  
 (e) lush, rob
14. The pilot knew she would be able to see the \_\_\_\_\_ lights of the city from her cockpit window, but she would not see the fireworks explode to welcome the new year as she would have \_\_\_\_\_ to cruising altitude.  
 (a) few, soared (b) divine, escalate  
 (c) glistening, jumped (d) shining, reached  
 (e) glittering, climbed
15. The New Year has \_\_\_\_\_ in good news for city hotels as most properties are \_\_\_\_\_ for the whole month.  
 (a) brought, deserted (b) ushered, packed  
 (c) pushed, full (d) steered, renovating  
 (e) escorted, vacant

*Directions (16-20) Read each sentence to find out whether there is any grammatical error or idiomatic error in it. The error, any, will be in any one part of the sentence. The number of that part is the answer. If there is no error, the answer is (e). (Ignore errors of punctuation, if any).*

16. In cities people don't (a) / always have the time to (b) / catch up with old friends or (c) / spend times with their family. (d) / No error (e)
17. The band have been (a) / performing at many cause oriented concerts (b) / to encourage people to come forward and (c) / lend their support to the noble cause. (d) No error (e)
18. As market leaders, (a) / we have always been at (b) / the forefront of creating awareness (c) / between the public. (d) No error (e)
19. If the IPL has succeeded in drawing (a) / an audience across the country, it is because (b) / cricket has always had a strong foundation (c) / and a dedicated audience. (d) No error (e)
20. In view of the intense cold wave conditions (a) prevailing in the state, the government declared (b) / holidays in all the schools (c) / for a period of ten days. (d) No error (e)

*Directions (21-25): Rearrange the following sentences (A), (B), (C), (D), (E) and (F) in proper sequence to form a meaningful paragraph; then answer the questions given below them.*

- (A) He felt that his honest ways were responsible for the poverty and starvation of his family.  
 (B) Sixteen miles away from Mysore, there is a dense forest.  
 (C) He told them how his honesty was useless and asked if he should try an alternative.  
 (D) They told him that they would prefer starving to dishonesty.  
 (E) Once there lived a poor but honest woodcutter in the forest.  
 (F) So he wanted to discuss his feeling with his wife and children.
21. Which of the following should be the SIXTH (LAST) sentence?  
 (a) (A) (b) (B)  
 (c) (C) (d) (D)  
 (e) (E)
22. Which of the following should be the FIRST sentence?  
 (a) (A) (b) (B)  
 (c) (C) (d) (D)  
 (e) (E)
23. Which of the following should be the FIFTH sentence?  
 (a) (A) (b) (B)  
 (c) (C) (d) (D)  
 (e) (E)

- (a) 16 kmph (b) 18 kmph  
(c) 28 kmph (d) 24 kmph  
(e) None of these
57. If the numerator of a fraction is increased by 250% and the denominator by 400% the resultant fraction is  $\frac{7}{19}$ . What is the original fraction?
- (a)  $\frac{9}{5}$  (b)  $\frac{5}{9}$   
(c)  $\frac{10}{19}$  (d)  $\frac{7}{19}$   
(e) None of these
58. A, B, C and D are four consecutive even numbers and their average is 65. What is the product of A and D?
- (a) 4092 (b) 4352  
(c) 4216 (d) 3968  
(e) None of these
59. A sum of Rs.1634 is divided among A, B and C such that A receives 25% more than B and B receives 25% less than C. What is A's share in the amount?
- (a) Rs.456 (b) Rs.494  
(c) Rs.570 (d) Rs.628  
(e) None of these
60. The average of four positive integers is 72.5. The highest integer is 117 and the lowest integer is 15. The difference between the remaining two integers is 12. Which is the higher of the two remaining integers?
- (a) 76 (b) 84  
(c) 74 (d) 85  
(e) None of these
61. The difference between the simple interest and the compound interest obtained on a principal amount at 5 pcpa after 2 years is Rs.35. What is the principal amount?
- (a) ₹ 12000 (b) ₹ 14000  
(c) ₹ 16000 (d) ₹ 13000  
(e) None of these
62. A circle and a rectangle have the same perimeter. The sides of the rectangle are 14 cm and 30 cm. What is the area of the circle?
- (a) 312 cm<sup>2</sup> (b) 1218 cm<sup>2</sup>  
(c) 456 cm<sup>2</sup> (d) 616 cm<sup>2</sup>  
(e) None of these
63. In how many ways can a committee consisting of 5 men and 6 women be formed from 8 men and 12 women?
- (a) 74428 (b) 61288  
(c) 77824 (d) 62844  
(e) 51744
64. In a test consisting of 80 question carrying one mark each, Shilpi answered 65% of the first 40 question correctly. What percent of the other 40 questions does she need to answer correctly to score 75% on the entire test?
- (a) 40% (b) 75%  
(c) 60% (d) 85%  
(e) None of these
65. After giving a discount of 30% on marked price a shopkeeper gets a profit of 40% on cost price. What percent of the cost price is the marked price?
- (a) 25% (b) 75%  
(c) 50% (d) 100%  
(e) 200%

*Directions (66-70): Study the table carefully to answer the questions that follow:*

Number of candidates appeared and qualified for an examination in six management institutes over the years

Management Institutes												
Year	A		B		C		D		E		F	
	App	Qual	App	Qual	App	Qual	App	Qual	App	Qual	App	Qual
2007	1576	241	1845	165	1584	140	1500	175	1654	182	1868	132
2008	1687	120	1798	187	1650	182	1490	182	1675	198	1774	187
2009	1875	165	1647	152	1745	208	1384	120	1520	215	1748	196
2010	1720	243	1898	145	1816	190	1748	248	1684	200	1654	183
2011	1815	265	2115	194	1676	200	1580	190	1690	180	1682	177
2012	1923	243	2085	255	1894	264	1762	197	1532	210	1574	223
2013	1920	208	2105	223	1738	205	1787	205	1846	212	1447	219

66. Approximately what percentage of candidates qualified with respect to those appeared from all the six institutes together in 2012?  
 (a) 12% (b) 13% (c) 15% (d) 18% (e) None of these
67. What is the approximately average number of candidates qualified from Institute D over the given years?  
 (a) 177 (b) 193 (c) 207 (d) 188 (e) 169
68. The percentage of candidates qualified with respect to those appeared is the highest for which of the following Institutes in 2010?  
 (a) D (b) A (c) F (d) E (e) None of these
69. The percentage of candidates qualified with respect to those appeared from Institute B is the lowest during which of the following years?  
 (a) 2007 (b) 2008 (c) 2010 (d) 2009 (e) None of these
70. The number of candidates qualified from Institute C in 2008 and 2009 together is what percent of the number of candidates appeared from Institute F in 2009 and 2010 together?  
 (Rounded off to two digits after decimal)  
 (a) 10.06% (b) 14.46% (c) 13.56% (d) 15.56% (e) 11.46%

### Part-III : Reasoning Ability

*Directions (71-75): Study the following information to answer the given questions.*

Six plays – A, B, C, D, E and F are to be staged on six days of the week starting from Monday and ending on Saturday. Play C is staged on Tuesday. Plays A, F and B are staged one after the other in the same order. Play D is not staged on Monday or Wednesday.

71. How many plays are staged after play A is staged?  
 (a) One (b) Two (c) Three (d) Four (e) Can't be determined
72. Four of the following five form a group based on the days that they are staged. Which one of the does not belong to that group?  
 (a) EC (b) FD (c) CA (d) AF (e) BD
73. Which play is staged immediate before the day play E is staged?  
 (a) B (b) A (c) F (d) D (e) There is no such play staged
74. If play D was staged on Monday, which of the following plays would definitely be staged on Saturday (all the other conditions given above remain the same)?  
 (a) B (b) A (c) E (d) E or B (e) Can't be determined

75. Which play is staged on Thursday?

- (a) B (b) E (c) D (d) F (e) Can't be determined

*Directions (76-80): These questions are based on six statements. For each question two conclusions numbered I and II are given. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusions logically and definitely follows from the given statements disregarding commonly known facts.*

Give answer

- (a) If only conclusion I follows  
 (b) If only conclusion II follows  
 (c) If either conclusion I or conclusion II follows  
 (d) If neither conclusion I nor conclusion II follows  
 (e) If both conclusions I and II follow

**Statements:** Some necklaces are bangles.

All bangles are ornaments.

Some ornaments are treasures.

No treasure is picture.

All colours are pictures.

Some pictures are necklaces.

**76. Conclusions:**

- I. All treasures if they are also bangles they are also necessarily ornaments.  
 II. All necklaces if they are also colours they are also necessarily pictures.

77. **Conclusions:**

- I. All ornaments which are necklaces are necessarily bangles.
- II. No colour is treasure.

78. **Conclusions:**

- I. Some colours are necklaces.
- II. Some ornaments are necklaces.

79. **Conclusions:**

- I. Some treasures are not bangles.
- II. Some treasures that are bangles are also necklaces.

80. **Conclusions:**

- I. Some colours are necklaces.
- II. No colour is a necklace.

*Directions (81-85): Study the following information to answer the given questions.*

Seven friends T, U, V, W, X, Y and Z are sitting in a straight line facing North. W sits 5th to the right of T. W does not sit at any of extreme ends. Two people sit between Z and X. Y sits 3rd to the left of U. Y sits exactly in the middle. Z is not an immediate neighbour of Y.

81. What is Z's position with respect to W?

- (a) 2nd to the left
- (b) 3rd to the right
- (c) 4th to the left
- (d) 3rd to the left
- (e) 4th to the right

82. Who is 2nd to the right of T?

- (a) Y
- (b) X
- (c) U
- (d) V
- (e) None of these

83. Four of the following five are alike in a certain way based on their seating positions in the above line and so form a group. Which is the one that does not belong to the group?

- (a) UW
- (b) XV
- (c) ZT
- (d) YV
- (e) WX

84. If all the seven friends are made to sit alphabetically from right to left, positions of how many will remain unchanged?

- (a) None
- (b) One
- (c) Two
- (d) Three
- (e) Four

85. Who sit at the extreme ends of the line?

- (a) XZ
- (b) VX
- (c) YZ
- (d) XT
- (e) TU

*Directions (86-90): 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*

- (a) If the data in 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 the question
- (d) If the data even in both statements I and II together are not sufficient to answer the question
- (e) If the data in both statements I and II together are necessary to answer the questions

86. Is S, T's aunt?

**Statements:**

- I. K is the father of two children P and T.
- II. T is S's niece.

87. Who among S, T, U and V is the tallest?

**Statements:**

- I. U is shorter than only T.
- II. V is taller than only S.

88. Out of three friends L, M and N each one likes chocolates, ice-cream or chips (not necessarily in the same order) who out of the three, likes chips?

**Statements:**

- I. L does not like chocolates.
- II. N likes ice-cream.

89. What is today's date (not taking into account the month and the year)?

**Statements:**

- I. Exactly four weeks ago, the date was 24th.
- II. The previous month was one of the longest months in terms of number of days.

90. How will 'WATCH' be coded in the code language?

**Statements:**

- I. In that code language, 'PERIL' is coded as 'QFQJM'.
- II. In that code language, 'FOSTERS' is coded as 'GPTSFST'.

91. Effect: The temple at the religious site wears a deserted look will with the number of devotees trickling down.

Which of the following can be a possible cause of the above effect?

- (a) A structural engineer had visited the temple a monthback and had declared the structure unsafe.
- (b) The temple is facing a drastic depletion of its funds which had accumulated over the years due to offerings made by devotees
- (c) The local corporation decided to donate a huge amount of money to the temple for its renovations
- (d) The village housing the religious site has qualified priests to perform religious ceremonies
- (e) A famous actor recently visited the temple and paid his respects to the diety

92. **Statement:** The income tax authorities carried out raids at three different business houses in the city last week.

Which of the following can be a possible effect of the above statement?

- (a) The three business houses are regular defaulters in payment of their income tax
- (b) The income tax department had received a tip off about the illegal activities going on in the three business houses
- (c) The government decided to look into the matter and has appointed an inquiry committee
- (d) Other business houses took immediate action to clear off all their income tax dues. In order to avoid a raid on their establishments
- (e) The authorities intend to conduct raids in several other business houses in the vicinity

93. **Effect:** As a step to regulate private hospitals, the state health department is framing rules to ensure all such hospitals are registered with it.

Which of the following can be a possible cause of the above statement?

- (a) The department realised that private hospitals charge much less for treatment as compared to government hospitals
- (b) Government run hospitals do not maintain the same standards as private hospitals
- (c) The department realised that several hospitals were rejecting cases stating lack of infrastructure
- (d) Apart from the number of doctors, nurses and beds, the kind of procedure a hospital can carry out based on its infrastructure will also be registered and detailed
- (e) Private hospitals not registering with the department shall be forced to do so and will have to pay hefty penalties

94. **Statement:** The constable has been recommended for a suitable reward by his superior in recognition of his sincere duty and busting of several gangs of criminals actively involved in the loot and incidents of pick-picketing.

Which of the following can be assumption implicit in the above statement?

- (a) The superior is certain that the recommendation would be denied
- (b) The number of criminals apprehended by this particular constable was exceptionally high
- (c) The constable desires to be momentarily compensated for his efforts
- (d) The superior wants to set an example for his other juniors by recommendign the reward
- (e) Rewards recognising the sincerity and accomplishments of policing are given

95. **Statement:** The college has finally received accreditation and has gained the status of a deemed university.

Which of the following can be a possible effect of the above statement?

- (a) The principal of the college will now have to be a retired government official
- (b) Number of students seeking admission to this college in the next academic year would drop significantly
- (c) The college will charge lesser fees from all its students despite not getting a grant from the government
- (d) The college will reduce the number of courses that it runs by a significant margin
- (e) The reputation of the college amongst the students population in general has improved

*Directions (96-100): Study the following information to answer the given questions.*

Seven friends - T, U, V, W, X, Y and Z are students of a school studying in different standards - VI, VII and VIII. Not less than two and not more than three students study in each standard. Each of them likes to play a different sport in his spare time, viz., Carrom, Badminton, Chess, Scrabble, Cards, Table Tennis and Basketball, but not necessarily in the same order.

X does not study in standard VI and likes Table Tennis. The one who likes Chess studies in standard VIII. U studies in standard VII only with Y. V likes Carrom and studies in the same standard as W and T. No one studying in standard VI likes Badminton or Cards. W does not like Basketball and U does not like Cards.

96. Which sport does W like?  
 (a) Table Tennis (b) Badminton  
 (c) Basketball (d) Carrom  
 (e) Scrabble
97. Who likes to play Badminton?  
 (a) W (b) U  
 (c) T (d) Z  
 (e) None of these
98. Which of the following represents the students studying in standard VII?  
 (a) X, Y (b) Z, T  
 (c) X, Z (d) U, Y  
 (e) None of these
99. Which of the following combinations student standard-sport is correct?  
 (a) W-VIII-Scrabble (b) U-VI-Badminton  
 (c) T-VI-Cards (d) Z-VIII-Chess  
 (e) None of these
100. Which sport does Y like?  
 (a) Scrabble (b) Cards  
 (c) Badminton (d) Chess  
 (e) Can't be determined

## Part-IV : Computer Knowledge

101. Consider the following:  
 1. C  
 2. C++  
 3. COBOL  
 Which among the above is/ are high-level languages (HLL)?  
 (a) Only 1 (b) 1 & 2  
 (c) 2 & 3 (d) 1, 2 & 3  
 (e) None of these
102. Which among the following is NOT a search engine?  
 (a) Google (b) Baidu  
 (c) Wolfram Alfa (d) Yahoo  
 (e) None of these
103. A Digital Certificate can identify \_\_\_\_  
 1. an individual  
 2. a server  
 3. a company  
 Choose the correct option:  
 (a) Only 1 (b) 1 & 2  
 (c) 2 & 3 (d) 1, 2 & 3  
 (e) None of these
104. What do we call an input/output device on a computer, reserved for communication between the computer operator or maintenance engineer and the computer?  
 (a) EDP Device (b) Console  
 (c) Jokey (d) Link Device  
 (e) None of these
105. Which among the following is a high-level language used to develop software applications in compact, efficient code that can be run on different types of computers with minimal change?  
 (a) FORTRAN (b) C  
 (c) COBOL (d) ALGOL  
 (e) None of these
106. While browsing internet, what do we call the area of storage that compensates for the different speeds of data flow or timings of events by temporarily holding a block of data that is waiting to be processed?  
 (a) Cache (b) Buffer  
 (c) Flash (d) Trash  
 (e) None of these
107. Which among the following has been standardized in the IEEE 802.3 specification?  
 (a) Bluetooth (b) Ethernet  
 (c) WiMAX (d) All of them  
 (e) None of these
108. Dynamic Adhoc Wireless Networks (DAWN) usually come under \_\_\_\_?  
 (a) 2G (b) 3G  
 (c) 4G (d) 5G  
 (e) None of these
109. Which among the following can be done via Internet Banking?  
 1. Payments to third parties, including bill payments and telegraphic/wire transfers  
 2. Funds transfers between a customer's own transactional account and savings accounts  
 3. Investment purchase or sale  
 4. Loan applications and transactions, such as repayments of enrollments  
 Choose the correct option from the following.  
 (a) 1, 2 & 3 (b) 2, 3 & 4  
 (c) 1, 3 & 4 (d) 1, 2, 3 & 4  
 (e) None of these
110. What do we call a CPU that is designed specifically to handle the communications processing task with main purpose is to off-load communications processing task from the host computer so that the



- host computer can be dedicated for applications and data processing jobs?
- (a) Backend processor (b) Front-end processor  
(c) Node processor (d) File Server  
(e) None of these
11. The peak cell rate (PCR), sustainable cell rate (SCR), and maximum burst size (MBS) are used for the measurement of?
- (a) Bandwidth (b) Channel Capacity  
(c) Frequency Modulation (d) Amplitude distortion  
(e) None of these
112. What do we call the pictorial representation that uses predefined symbols to describe either the logic of a computer program or the data flow and processing steps of a system?
- (a) Algorithm (b) Flowchart  
(c) Block diagram (d) Loop  
(e) None of these
113. What do we call a storage device where the access time is effectively independent on the location of the data?
- (a) Direct Access Storage Device  
(b) Secondary Storage Device  
(c) Primary Storage Device  
(d) Gateway Device  
(e) None of these
114. What is the use of Digitizer as an input device?
- (a) To Convert graphic and pictorial data into binary inputs  
(b) To convert graphic and pictorial data into analog inputs  
(c) Debugging  
(d) None of the above Uses  
(e) None of these
115. What do we call the automatic execution of high-priority computer programs that have been designed to pre-empt the use of computer resources?
- (a) Foreground processing.  
(b) Background processing.  
(c) Black processing.  
(d) White processing.  
(e) None of these
116. What would be the number of bytes, transferred at the rate of 1 Kilobit per second?
- (a) 100 (b) 108  
(c) 125 (d) 140  
(e) None of these
117. Which among the following is the time period during which a computer is malfunctioning or not operating correctly due to machine failures?
- (a) Downtime (b) Uptime  
(c) Response time (d) Runtime  
(e) None of these
118. The terms Goodput, Throughput and Maximum throughput are most closely associated with which among the following in computers?
- (a) Bit Rate  
(b) Response Time  
(c) Command Line Interface  
(d) Random memory Show Answer  
(e) None of these
119. The Clearing House Interbank Payments System or CHIPS is a clearing system for large value transactions in which among the following countries /regions?
- (a) United States (b) United Kingdom  
(c) Entire Europe (d) Australia  
(e) None of these
120. What is ISO 9362 in context of Banking Technology?
- (a) RTGS Transfers (b) NEFT Transfers  
(c) SWIFT Transfers (d) All of them  
(e) None of these
121. Which of the following performs modulation and demodulation functions?
- (a) Satellite (b) modem  
(c) fiber optic (d) amplifier  
(e) None of these
122. A characteristic of multiprogramming system is
- (a) simultaneous execution of program instructions from two applications  
(b) concurrent processing of two or more programs  
(c) multiple CPU's  
(d) all of the above  
(e) None of these
123. Communication circuits that transmit data in both directions but not at the same time are operating in
- (a) simplex mode (b) half-duplex mode  
(c) full-duplex mode (d) asynchronous mode  
(e) None of these
124. Operating system functions may include
- (a) input/output control (b) virtual storage  
(c) multiprogramming (d) all of the above  
(e) None of these

125. Transmission of computerised data from one location to another is called
- (a) data transfer (b) data flow  
(c) data communication (d) data management  
(e) None of these
126. Which of the following items is not used in LAN?
- (a) computers (b) modem  
(c) printer (d) cable  
(e) None of these
127. Which among the following is the device that converts computer output into a form that can be transmitted over a telephone line
- (a) teleport (b) multiplexer  
(c) concentrator (d) modem  
(e) None of these
128. Which among the following is the commonly used unit for measuring the speed of data transmission
- (a) bytes per second (b) bits per second  
(c) baud (d) either b or d  
(e) None of these
129. A kilobyte is also referred to as KB, which is equal to
- (a) 1000 bytes (b) 1024 bytes  
(c) 2048 bytes (d) 512 bytes  
(e) None of these
130. Inputs to your computer is accomplished using the
- (a) Screen (b) keyboard  
(c) printer (d) plotter  
(e) None of these

### Part-V : General Awareness

131. Which of the following organisations has extended a 50 million dollar loan for the Nai Manzil project?
- (a) World Bank  
(b) International Monetary Fund  
(c) Asian Development Bank  
(d) United Nations Children's Fund  
(e) None of these
132. Which of the following committees is formed to suggest changes in the Cinematograph act?
- (a) Shyam Benegal Committee  
(b) Nilesh Jha Committee  
(c) Chand Kiran Salooja committee  
(d) Rastogi Committee  
(e) None of these
133. Which of the following committees has been set up to review wage structure of Gramin Dak Sevaks?
- (a) N Gopaldaswami committee  
(b) Deviprasad Mishra committee  
(c) Ramesh Bharadwaj committee  
(d) Kamlesh Chandra Committee  
(e) None of these
134. Which of the following projects has won the 2015 eASIA Award?
- (a) DAVA project (b) PRAGATI project  
(c) Mangalyaan Project (d) Nai Manzil project  
(e) None of these
135. Which of the following space agencies has suspended the 2016 Insight Mars mission?
- (a) Roscosmos (b) NASA  
(c) CNSA (d) JAXA  
(e) None of these
136. Ian Murdock, who passed away recently, was the founder of which open-source project?
- (a) Ubuntu (b) OpenOffice  
(c) Debian Linux (d) Mozilla Firefox  
(e) None of these
137. Who of the following has been named BCCI Cricketer of the Year 2015?
- (a) Rohit Sharma  
(b) Ravichandran Ashwin  
(c) Virat Kohli  
(d) Mahendra Singh Dhoni  
(e) None of these
138. Who of the following has been conferred with 2015 Sangita Kalanidhi award?
- (a) Sudha Raganathan  
(b) Trichur Ramachandran  
(c) Sanjay Subrahmanyam  
(d) T V Gopalakrishnan  
(e) None of these
139. Who of the following has been selected for Kerala Tourism's Nishagandhi Puraskaram 2016?
- (a) Mallika Sarabhai  
(b) Shovana Narayan  
(c) Ilaiyaraja  
(d) Yamini Krishnamurthy  
(e) None of these
140. How many countries are members of the ASEAN Economic Community (AEC)?
- (a) 7 (b) 10  
(c) 12 (d) 14  
(e) None of these

141. Who is the chairperson of the Economic Intelligence Council (EIC)?
- (a) Finance Minister (b) Prime Minister  
(c) RBI Governor (d) Finance Secretary  
(e) None of these
142. In which of the following countries the world's largest blue star sapphire has been found?
- (a) Maldives (b) Sri Lanka  
(c) Indonesia (d) South Africa  
(e) None of these
143. Labshankar Thakar, who passed away recently, hails from which of the following states?
- (a) Karnataka (b) West Bengal  
(c) Gujarat (d) Maharashtra  
(e) None of these
144. Siril Verma is related to which of the following sports?
- (a) Cricket (b) Basketball  
(c) Football (d) Badminton  
(e) None of these
145. Who is the author of the book titled 'The Country of First Boys'?
- (a) Ravi Kanbur (b) Amartya Sen  
(c) Kaushik Basu (d) Vikram Seth  
(e) None of these
146. Who has been appointed as the President of the 105th Indian Science Congress Association (ISCA) for 2017-18?
- (a) Ashok Kumar Saxena  
(b) Achyuta Samanta  
(c) Nitya Praija  
(d) Vinayak Kumar  
(e) None of these
147. Mufti Mohammad Sayeed was the founder of which of the following political party in Jammu & Kashmir?
- (a) Jammu and Kashmir People's Dynamic Party  
(b) Jammu and Kashmir National Panthers Party  
(c) Jammu and Kashmir People's Democratic Party (JKPDP) (d) Jammu & Kashmir National Conference (NC)  
(e) None of these
148. Which of the following Indian cities have made it to a top 30 list of the world's most powerful, productive and connected cities?
- (a) Kolkata and Mumbai  
(b) Bengaluru and Mumbai  
(c) Delhi and Mumbai  
(d) Delhi and Bengaluru  
(e) None of these
149. Who has become the first woman vice-chancellor of the University of Oxford?
- (a) Penny James (b) Louise Richardson  
(c) Catherine Stihler (d) Lynda Gratton  
(e) None of these
150. In which of the following states minimum educational qualification is required for candidates contesting local panchayat polls?
- (a) Bihar and Haryana  
(b) Rajasthan and Haryana  
(c) Rajasthan and Bihar  
(d) Bihar and Gujarat  
(e) None of these
151. Which of the following companies has launched contactless digital payment wallet - MoboMoney?
- (a) Vodafone (b) Paytm  
(c) Tech Mahindra (d) Airtel  
(e) None of these
152. On which date, National Good Governance day is observed in India?
- (a) September 15 (b) October 21  
(c) December 16 (d) December 25  
(e) None of these
153. Korada Ramana is related to which of the following sports?
- (a) Chess (b) Badminton  
(c) Weightlifting (d) Cricket  
(e) None of these
154. Rosneft oil company is from which of the following countries?
- (a) Australia (b) Russia  
(c) Canada (d) USA  
(e) None of these
155. Which of the following has declared 'Cow' as Personality of the Year 2015?
- (a) Facebook (b) Google  
(c) Yahoo India (d) Microsoft  
(e) None of these
156. Sadhana Shivdasani, who passed away recently, was related to which of the following fields?
- (a) Politician (b) Journalist  
(c) Scholar (d) Actress  
(e) None of these
157. Who of the following Indian-American doctor has been named the first Poet Laureate by the U.S state of Ohio?

