GENERAL ENGLISH

Direction for Question No. 1 to 5 :
Each question has a sentence with a part of the sentence underlined. Four alternatives for the underlined part are given. One of them is correct. Identify the correct one and mark it as the answer.

1. Chetan knew that <u>he is greater than any writer</u>.
    A) he was greater than any writer
    B) he was greater than another writer
    C) he is greater than any other writer
    D) he was greater than any other writer

2. We <u>had been almost halfway</u> there when we decided to stop at a restaurant for lunch.
    A) had been almost
    B) were almost
    C) were going to be almost
    D) were reaching

3. My scores are better <u>than all the boys in class</u>.
    A) than all the boys in the class
    B) than all the other boys in the class
    C) than any other boy in the class
    D) than those of any other boy in the class

4. She informed me that <u>she will visit my office in a day or two</u>.
    A) she would visit my office in a day or two
    B) she visits my office in a day or two
    C) she could visit my office in the coming two days
    D) she couldn't visit my office in a day or two

5. Looking back, I <u>can rarely remember</u> my childhood.
    A) can rarely remember
    B) can lately remember
    C) can scarcely remember
    D) can shortly remember

Direction for Question No. 6 to 10 :
Each question below has a sentence. From the choice provided, identify the one which best restates the given sentence and mark its corresponding letter as the answer.

6. Sensible and wise politicians should always keep their options open.
    A) It is wise not to rule out anything in politics
    B) Anything and everything is important in politics
    C) Politicians should not ignore anything that comes their way
    D) One should be choosy enough to decide on right things in politics

7. Although he is wrong, he is so egoistic that he will never admit his mistake.
    A) Although he is egoistic, he will never admit that he is wrong
    B) He will never admit that he is egoistic although he is mistaken
    C) He is so mistaken that he will never admit that he is wrong, as he is egoistic
    D) Though he is wrong, he is too egoistic to admit his mistake

8. He had to pay a heavy price for being indolent.
    A) He had to pay a heavy price for his indolence
    B) His being indolent had paid him a heavy price
    C) A heavy price was paid to him for his indolence
    D) He was paid a heavy price for being indolent

9. The nurse was asked to keep a watch over the patient.
    A) The patient was asked to watch the nurse
    B) A watch was asked to be kept over the patient by the nurse
    C) The nurse was to keep over the patient a watch
    D) The nurse was asked to watch over the patient

1598_18 (C)

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10. His application was rejected because he was not qualified for the post
A) As his application was rejected, he was not qualified for the post
B) His application was rejected hence he was not qualified for the post
C) Being unqualified for the post, his application was rejected
D) His post was not qualified because his application was rejected

Direction for Question No. 11 to 15 :

Read the following passage carefully and answer the questions given below it. Base your choice on what this passage states directly or implies.

For me, scientific knowledge is divided into mathematical sciences, natural sciences or sciences dealing with the natural world (physical and biological sciences), and sciences dealing with mankind (psychology, sociology, all the sciences of cultural achievements, every kind of historical knowledge). Apart from these sciences is philosophy, about which we will talk shortly. In the first place, all this is pure or theoretical knowledge, sought only for the purpose of understanding, in order to fulfill the need to understand that is intrinsic and consubstantial to man. What distinguishes man from animal is that he knows and needs to know. If man did not know that the world existed, and that the world was of a certain kind, that he was in the world and that he himself was of a certain kind, he wouldn't be man. The technical aspects of applications of knowledge are equally necessary for man and are of the greatest importance, because they also contribute to defining him as man and permit him to pursue a life increasingly more truly human.

But even while enjoying the results of technical progress, he must defend the primacy and autonomy of pure knowledge. Knowledge sought directly for practical applications will have immediate and foreseeable success, but not the kind of important result whose revolutionary scope is in large part unforeseen, except by the imagination of the Utopians. Let me recall a well known example. If the Greek mathematicians had not applied themselves to the investigation of conic sections, zealously and without least suspicion that it might someday be useful, it would not have been possible centuries later to navigate far from shore. The first men to study the nature of electricity could not imagine that their experiments, carried on because of mere intellectual curiosity, would eventually lead to modern electrical technology, without which we can scarcely conceive of contemporary life. Pure knowledge is valuable for its own sake, because JATINDERJYOTI.RAINA to ignorance. But in addition, it is the foundation for practical results that would not have been reached if this knowledge had not been sought disinterestedly.

11. It can be inferred from the passage, that to the author, man's need to know is chiefly important. In that it:
A) distinguishes him from other forms of life
B) encompasses both physical and social sciences
C) demonstrate human vulnerability
D) allows the human race to progress technically

12. The author includes among the sciences all of the following except:
A) chemistry
B) literature
C) astronomy
D) economics

13. The author indicates that most important advances made by mankind come from:
A) apparently useless information
B) technical applications
C) the natural sciences
D) the study of philosophy

14. The author points out that the Greeks who studied conic sections:
A) invented modern mathematical applications
B) were interested in navigation
C) were unaware of the value of their studies
D) worked with electricity

15. The title which suits the passage the best is:
A) Technical progress
B) Half knowledge is dangerous
C) Man's distinguishing characteristics
D) Learning for its own sake

Direction for Question No. 16 to 20 :
Read the sentences and fill in the blanks with the most suitable option.

16. He finished his assignment at the earliest _____ being the last to start.
    A) but   B) rather   C) besides   D) despite

17. _____ before moving out of the room.
    A) Adjusting quickly his tie he
    B) To quickly adjust the tie, he
    C) Adjusting him quickly to tie
    D) He quickly adjusted his tie

18. The band of thieves was notorious for _____ exploits.
    A) Its   B) their   C) theirs   D) whose

19. _____ a whole week I did not feel like going to the office.
    A) In   B) Since   C) For   D) From

20. All of a sudden he hit _____ a plan.
    A) upon   B) on   C) in   D) beyond

Direction for Question No. 21 to 25 :
Choose the word with the incorrect spelling.

21. A) Assasination   B) Deceive   C) Believe   D) Courteous

22. A) Curiosity   B) Cemetary   C) Glamorous   D) Immediately

23. A) Caribbean   B) Bizzarre   C) Basically   D) Weird

24. A) Tattoo   B) Unforeseen   C) Supersede   D) Sence

25. A) Propaganda   B) Pavilion   C) Lollipop   D) Interupt

Direction for Question No. 26 to 28 :
Select the alternative which best suggests the meaning of the following idioms/phrases.

26. A black sheep
    A) To take for granted   B) In progress   C) Odd member of a group   D) An ugly person

27. To drive home
    A) Back to original position   B) To emphasize
    C) To catch a dangerous person   D) To put someone at ease

28. Take with a pinch of salt
    A) To view something with doubt   B) To become aggressive
    C) To do something quickly   D) Secretly

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Direction for Question No. 29 & 30 :

In each of the following questions, the sentences of a paragraph are jumbled up and given. Each sentence is labeled P, Q, R and S. Find out the order in which the sentences have to be arranged to form a logically coherent paragraph. Mark the letter corresponding with that choice as your answer.

29. P. I will give you a copy of it.
    R. It is a very interesting book.
    Q. The book was published in USA.
    S. It deals with mankind's political future.
    A) SRQP
    B) RQSP
    C) QSRP
    D) SQRP

30. P. There is no competition on the extra mile.
    R. We have no competition.
    Q. If you want to get ahead in life, go the extra mile.
    S. It is easy to succeed today.
    A) PQRS
    B) QPRS
    C) SRQP
    D) PRQS

Direction for Question No. 31 to 33 :

In the following questions choose the word opposite in meaning of the given word.

31. Jovial
    A) Contended
    B) Paralyzed
    C) Jubilant
    D) Miserable

32. Diligent
    A) Casual
    B) Hard-working
    C) Loyal
    D) Compatible

33. Ferocious
    A) Fierce
    B) Wild
    C) Gentle
    D) Convict

Direction for Question No. 34 & 35 :

In the following questions choose the word similar in meaning of the given word.

34. Hideous
    A) Ugly
    B) Pleasant
    C) Steal
    D) Destroy

35. Vain
    A) Vessel
    B) Worthless
    C) Respectful
    D) Interesting

Direction for Question No. 36 to 40 :

Each question has a sentence with two blanks followed by four pairs of words as choices. From the choices, select the pair of words that can best complete the given sentence.

36. The news about the bank _____ threw the stock market into a _____.
    A) fraud, turmoil
    B) account, epidemic
    C) scam, excitement
    D) safety, suspicion

37. It is better to suffer pain and _____ under your own rule than relative _____ under somebody else's.
    A) loss, safety
    B) ache, joy
    C) poverty, prosperity
    D) hurt, injury

38. The two men were very _____ and rather looked the same but had _____ views on important aspects of life.
    A) close, wide
    B) similar, diverse
    C) different, complex
    D) contradicting, divergent

39. It is _____ to note that her latest publication has attracted very little public attention because generally her writings are prone to _____.
    A) confusing, disputes
    B) surprising, controversies
    C) appealing, tributes
    D) demeaning, defects

40. Psychologists assert that teenagers with low self-esteem may be highly _____ to criticism and may tend either to be _____ or end up as bullies.
    A) adapted, violent
    B) perspective, revolutionary
    C) prone, useless
    D) sensitive, introverted

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41. "DAX" is the stock exchange index of:
    A) New York B) Mumbai C) Tokyo D) Frankfurt

42. Which of the following ocean is spread in the shape of "S"?
    A) Pacific ocean B) Atlantic ocean C) Indian ocean D) Arctic ocean

43. Which of the following is a dance from Punjab?
    A) Kathak B) Goph C) Bhangra D) Jhora

44. Who is the current Chief Justice of India?
    A) Navneet Kaur B) Dipak Misra C) Shekhar Gupta D) Nirmal Jain

45. "Disguised Unemployment" refers to:
    A) people with no jobs
    B) unemployment amongst women
    C) more persons employed for a job which a few can complete
    D) unemployment amongst senior citizens

46. Identify the logo :

    A) Lufthansa airlines B) Malaysian airlines C) Air France D) British airways

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47. "Kandla" port is located in which state?
    A) Karnataka B) Andhra Pradesh C) Gujarat D) Tamil Nadu

48. Which of the following planets has a ring around it?
    A) Saturn B) Mercury C) Mars D) Venus

49. Who is the current Prime Minister of Pakistan?
    A) Shahid Khaqan Abbasi B) Nawaz Sharif C) Mamnoon Hussain D) Asif Ali Zardari

50. Which among the following will host the 2024 Summer Olympics?
    A) Tokyo B) Los Angeles C) Paris D) Beijing

51. Which of the following state governments has launched "Indira Canteen" for the urban poor?
    A) Karnataka B) Himachal Pradesh C) Tamil Nadu D) Punjab

52. "Light Year" is a unit of:
    A) Time B) Distance C) Mass D) Speed

53. What is the meaning of "Republic"?
    A) Head of state is not elected by people
    B) Head of the state is hereditary in nature
    C) Head of the state is elected by people
    D) Head of the state is appointed by Prime Minister

54. Who among the following has topped the list of 2017 ICC ODI rankings?
A) Virat Kohli　　　　B) David Warner　　　　C) AB de Villiers　　　　D) Joe Root

55. President's Rule can be imposed
A) by the President alone
C) by the President on advice of Governor
B) by the President on advice of Union Cabinet
D) by the President on advice of Chief Minister

56. Who is the author of the book named "Train to Pakistan"?
A) Mahatma Gandhi　　　　B) Jawahar Lal Nehru　　　　C) Khushwant Singh　　　　D) Amitav Ghosh

57. The headquarters of The British Broadcasting Corporation (BBC), a British public service broadcaster is located at :
A) London　　　　B) New York　　　　C) Manchester　　　　D) Paris

58. Which of the following is not owned by Aditya Birla Group?
A) Idea　　　　B) Grasim　　　　C) Tetley　　　　D) Hindalco

59. Which is the largest internal organ in human body?
A) Liver　　　　B) Heart　　　　C) Brain　　　　D) Pancreas

60. "Chipko" is a protest movement against:
A) Global warming　　　　B) River Pollution　　　　C) Animal poaching　　　　D) Deforestation

61. The "Leaning Tower of Pisa" is located in which country?
A) Germany　　　　B) Italy　　　　C) France　　　　D) Greece

62. "Hole, Bogey, Put, Stymie, Caddie, Tee, Links, Putting the green" are terms associated with which sport?
A) Cricket　　　　B) Billiards　　　　C) Baseball　　　　D) Golf

63. Which of the following company does not belong to Germany?
A) BMW　　　　B) Audi　　　　C) Ford　　　　D) Volkswagen

64. Bitcoin is :
A) A type of new coin introduced by the USA
B) A type of digital currency that uses cryptography
C) A type of currency used by PayTM
D) A type of commemorative coin issued by Mints

65. "Upanishads" are collection of texts on:
A) Yoga　　　　B) Law　　　　C) Knowledge　　　　D) Philosophy

66. "Because you're worth it" is the tagline of which company?
A) General Electric　　　　B) Accenture　　　　C) Nokia　　　　D) L'Oreal

67. In "IGST", "I" stands for?
A) Intra　　　　B) Integrated　　　　C) Internal　　　　D) International

68. Which of the following song is sung by Arijit Singh?
A) Chhaiya Chhaiya　　　　B) Jai Ho　　　　C) Kaise Mujhe　　　　D) Channa Mereya

69. Which country is the largest producer of milk?
A) India　　　　B) Pakistan　　　　C) Germany　　　　D) France

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70. "Bull Fighting" is the national game of which country?
   A) Russia   B) USA   C) Spain   D) Mexico

71. What is the capital of Indonesia?
   A) Pyongyang   B) Phnom Penh   C) Colombo   D) Jakarta

72. Which of the following company does not have an Indian CEO?
   A) Adobe   B) Google   C) Master Card   D) Bose

73. Which of the following pair of country – present currency is not correctly matched?
   A) Tunisia - Dinar   B) Israel – Israeli Lira   C) Syria – Syrian Pound   D) Qatar – Riyal

74. Method to safeguard against losses due to currency fluctuations is popularly known as:
   A) Risk premium   B) Hedging   C) Round tripping   D) Bond indexation

75. Which of the following is the largest economy in the world after USA?
   A) Russia   B) Japan   C) China   D) France

76. Which of the following is the oldest mountain range in India?
   A) Aravallis   B) Zaskar Range   C) Satpura Hills   D) Sahyadari

77. World Ozone Day is celebrated on:
   A) February 28   B) September 16   C) April 6   D) December 1

78. Which of the following is not a part of United Nations?
   A) UNESCO   B) NATO   C) UNICEF   D) IMF

79. What is BrahMos?
   A) India's first supersonic missile in service   B) India's first re-usable space rocket in service
   C) India's first nuclear submarine in service   D) None of the above

80. Who invented the World Wide Web (WWW)?
   A) Larry Page   B) Sergey Brin   C) Steve Ballmer   D) Tim Berners-Lee

REASONING

Handwritten note: 2 married couple, 3 males, 3 females.

Direction for question nos. 81 to 85 :

Study the given information carefully and answer the following questions :

In a family of six persons—Abhay, Banta, Cathy, Deepak, Emily and Fatima, there are three males and three females. There are two married couples and two persons are unmarried. Each one of them likes different cold drinks. Emily, who likes Coke, is the mother-in-law of Abhay, who is the wife of Cathy. Deepak is the father of Fatima and he does not like Thumps Up or Pepsi; Banta likes Limca and is the sister of Fatima who likes Sprite. Cathy does not like Pepsi. Fanta is another cold drink.

81. Who among the following likes Thumps Up?
    A) Cathy
    B) Deepak
    C) Abhay
    D) Data inadequate

82. How is Fatima related to Emily?
    A) Brother
    B) Father
    C) Son
    D) Daughter

83. One of the married couple is:
    A) Deepak – Banta
    B) Deepak – Emily
    C) Banta – Fatima
    D) Emily – Fatima

84. Which of the following cold drinks is liked by Abhay?
    A) Thumps Up
    B) Fanta
    C) Pepsi
    D) Data inadequate

85. How many sons does Emily have?
    A) One
    B) Two
    C) Three
    D) Four

Direction for question nos. 86 to 91:

Study the given information carefully and answer the following questions:
(i) Alex, Betsy, Chloe, Dennis, Edward, Fiona, Giles and Herbert are sitting around a round table facing the centre.
(ii) Dennis is the neighbour of Alex but not of Herbert.
(iii) Betsy is the neighbour of Fiona and 4th to the left of Dennis.
(iv) Edward is the neighbour of Herbert and 3rd to the right of Fiona.
(v) Chloe is neither the neighbour of Alex nor of Giles.

86. Which of the following is incorrect?
    A) Betsy is to the immediate left of Herbert
    B) Herbert is to the immediate left of Edward
    C) Dennis is 4th to the right of Fiona
    D) All are correct

87. Which of the following is correct?
    A) Dennis is to the immediate left of Giles
    B) Alex is between Chloe and Dennis
    C) Fiona is 3rd to the right of Dennis
    D) Edward is between Herbert and Betsy

88. Which of the following groups has the 2nd person sitting between the 1st and the 3rd?
    A) Alex-Fiona-Chloe
    B) Giles-Alex-Dennis
    C) Betsy-Edward-Herbert
    d) Herbert-Fiona-Betsy

89. Which of the following pairs has the 1st person sitting to the immediate right of the 2nd?
    A) Betsy-Herbert
    B) Fiona-Betsy
    C) Edwards-Giles
    D) Alex-Dennis

Handwritten notes: "1 attempt", "Emily Mother in law → Abhay", "wife Cathy Male", "Deepak father of Fatima and Banta sister"

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90. Which of the following pairs are 4th to one another?
   A) Chloe-Edwards
   B) Fiona-Herbert
   C) Dennis-Chloe
   D) Dennis-Betsy

91. If Chloe and Giles interchange their positions, which of the following will indicate Alex's position?
   A) To the immediate right of Giles
   B) 4th to the right of Chloe
   C) 2nd to the left of Giles
   D) To the immediate left of Chloe

Direction for question nos. 92 to 94 :
   Find the missing number.

92. 22, 42, 64, 88, ?
   A) 112
   B) 114
   C) 118
   D) 116

93. 4, 2, 8, 16, 128, ?
   A) 562
   B) 1018
   C) 2024
   D) 2048

94. 13, 29, 89, 181, 545, ?
   A) 1077
   B) 1093
   C) 1637
   D) 1781

95. Five persons – A, B, P, Q and R are of different heights. A is taller than only B, R is taller than Q, but is not tallest. Who among them is the tallest?
   A) A
   B) B
   C) P
   D) Cannot be determined

96. Ram started from his house and travelled 5 km towards the East. Then he turned to his left and travelled 10 Again turned to his right and travelled 5 km. Finally he travelled 11 km to his right to reach the office. Approximate how far is his office located from his house and in which direction?
   A) 10 km, East
   B) 10 km, South- East
   C) 8 km, West
   D) 8 km, North

97. In a certain code language, if ANSWER is coded as BPVADX and CHOICE is coded as DJRMHK, then how MINUTE coded in that language?
   A) NKQAYK
   B) NKQZKY
   C) NKQYZK
   D) NKQYYK

98. If HEART is related to CARDIOLOGY then what is related to EYE?
   A) Optics
   B) Ophthalmology
   C) Dermatology
   D) Nephrology

99. Students say they are more comfortable submitting applications by registered post, as the post office issues the an acknowledge letter. Which of the following can be inferred from the above statement?
   A) Students will submit application by registered post
   B) The acknowledgement letter comes handy in case the form gets misplaced
   C) The applications may be misplaced
   D) There are other ways in which applications can be submitted

ANSWER
B P V A Ɔ X

CHOICE
D J R M H K

MINUTE
N K Q Y Y

A B C D E F G H I J K L M N O
P Q R S T U V W X Y Z

Each question given below consists of a statement followed by two conclusions numbered I and II. You have to consider everything in the statement to be true and then consider the two conclusions and decide which of them logically follows beyond a reasonable doubt from the information given in the statement.

100. Statement: Varun has to live with 14 hour power cuts because the government is diverting power to the water-starved farm sector.

Conclusions:
I. Varun does not belong to the farm sector.
II. The government is unable to ensure sufficient supply of power to match the demand.

A) Only conclusion I follows
B) Only conclusion II follows
C) Either I or II follows
D) Neither I nor II follows

101. Statement: "Had I been given an option to choose my subjects, I would have probably chosen Arts", said the topper of the Science class.
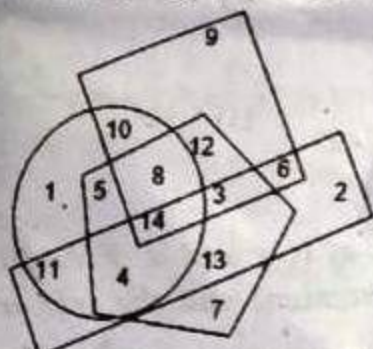
Conclusions:
I. It is easier to study Arts than Science.
II. The topper did not study Science by choice.

A) Only conclusion I follows
B) Only conclusion II follows
C) Either I or II follows
D) Neither I nor II follows

Direction for question nos. 102 & 103 :

In the diagram given below, the Pentagon represents students aspiring to be a doctor, the Rectangle represents students who scored 90 or more marks in MBBS, the Circle stands for the students who got admission in J. UNIVERSITY and the Square stands for the students who did well in the interview. The different regions are numbered from 1 to 14. Study the diagram and answer the questions.

102. The students who aspire to be a doctor, got 90 marks in MBBS and have not done well in the interview but got a seat in J. UNIVERSITY is indicated by _____.
A) 4
B) 5
C) 11
D) 1

103. The students who aspire to be a doctor, did well in the interview, got admission in J. UNIVERSITY but got less than 90 marks is indicated by _____.
A) 5
B) 8
C) 12
D) 9

Direction for question nos. 104 to 106 :

Read the following information carefully and answer the questions given below.
Seven persons P, Q, R, S, T, U and V are comparing their heights. No two persons are of the same height. Only one person is taller than R. The number of persons taller than Q is equal to the number of persons shorter than S. T is shorter than S, who is taller than V. V is 180 cm tall. Q is shorter than only four persons. U is not the tallest, but is taller than Q. The person, who is the fourth shortest is 195 cm tall. T is not the shortest.

104. Who is the third shortest person?
A) Q
B) P
C) R
D) S

D) 179 cm

105. What can be the height of Q?
    A) 196 cm
    B) 193 cm
    C) 180 cm

106. What can be the height of R?
    A) 200 cm
    B) 194 cm
    C) 187 cm
    D) More than one of the above

Direction for question nos. 107 to 109 :
Read the following information carefully and answer the questions given below.

64 small cubes painted in Orange color are combined to form a large cube. Now the bigger cube is painted in Grey on one pair of opposite faces. Another pair of opposite faces is painted in Pink. The remaining two faces is painted in Blue.

107. How many smaller cubes have at least 3 colors on them?
    A) 30
    B) 32
    C) 34
    D) 36

108. How many smaller cubes have at most 2 colors on them?
    A) 30
    B) 32
    C) 34
    D) 36

109. How many smaller cubes have exactly 3 colors on them?
    A) 20
    B) 22
    C) 24
    D) 26

110. What was the day of the week on 16th August, 1947?
    A) Sunday
    B) Saturday
    C) Monday
    D) Tuesday

111. What is the angle between the 2 hands of the clock at 8:24 PM?
    A) 100°
    B) 45°
    C) 108°
    D) 105°

Direction for question nos. 112 to 115 :
In each question, there is a main statement followed by four statements a, b, c and d. From the choice choose the ordered pair where the first statement implies the second statement and the two are logically consistent with the main statement.

112. Swati would be selected in the first company, if she has an excellent academic record.
    a. Swati is selected in the first company.
    b. Swati is not selected in the first company.
    c. Swati has an excellent academic record.
    d. Swati does not have an excellent academic record.
    A) ac
    B) bd
    C) db
    D) ad

113. Only if Abhijeet has good knowledge in classical music, he would be elected as Musical Idol.
    a. Abhijeet does not have good knowledge in classical music.
    b. Abhijeet is elected as Musical Idol.
    c. Abhijeet is not elected as Musical Idol.
    d. Abhijeet has good knowledge in classical music.
    A) ca
    B) db
    C) bd
    D) ba

114. Unless the Indian government seals the borders, illegal immigration in India will not stop.
    a. Indian government sealed the border.
    b. Illegal migration in India stopped.
    c. Indian government had not sealed the borders.
    d. Illegal migration in India will not stop.
    A) cd
    B) ab
    C) cb
    D) ad

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115. Whenever Sandeep receives a message from Sangeeta, he seems to be on cloud nine.
a. Sandeep did not receive a message from Sangeeta.
b. Sandeep is on cloud nine.
c. Sandeep is not on cloud nine.
d. Sandeep received a message from Sangeeta.
A) ba   B) bd   C) cd   D) ca

Direction for question nos. 116 to 120:
Read the following information carefully and answer the questions given below. All the codes given below are only in two letters format.

"Banks are digital today" is written as "Zi Li Ki Ti"
"Money transfer through banks" is written as "Di Ki Si Fi"
"Digital money easy today" is written as "Si Zi Ti Bi"
"Today we have leave" is written as "Gi Xi Vi Zi"

116. What is the possible code for "Easy for transfer"?
A) Fi Bi Zi   B) Di Ji Bi   C) Bi Ti Ui   D) Fi Li Xi

117. If "Banks have money" is coded as "Gi Si Ki", then what will be the code for "Leave"?
A) Di   B) Li   C) Zi   D) Cannot be determined

118. What is the code for "Transfer"?
A) Di   B) Fi   C) Cannot be determined   D) Either Di or Fi

119. What is the word for the code "Si" in the given code language?
A) Money   B) Today   C) Banks   D) Digital

120. If "Money market easy" is written as "Bi Si Ci", then what will be the code for "Market"?
A) Bi   B) Si   C) Ci   D) Either Si or Ci
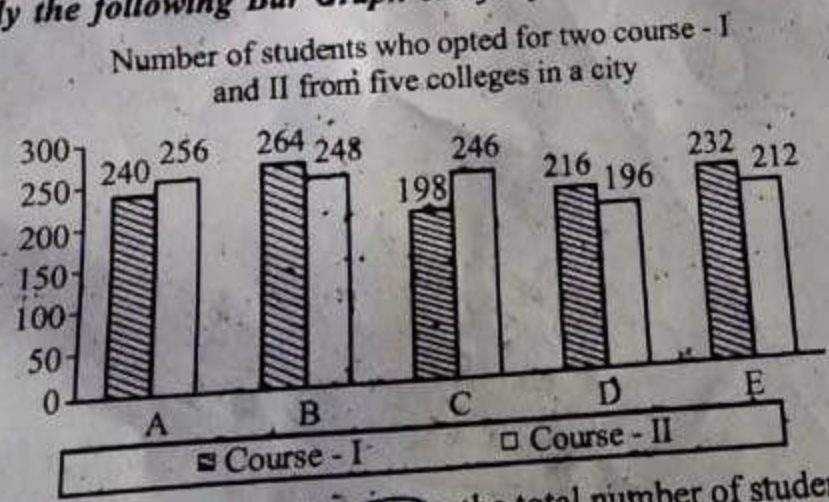
13

121. How many keystrokes are needed to type numbers from 1 to 1000?
   A) 3001 B) 2893 C) 2704 D) 2890

122. Find the value of P for which the point (-1, 3), (2, p) and (5, -1) are collinear.
   A) 1 B) 2 C) 3 D) 4

123. If the equation $x^2 - kx + 1$, have no real roots, then:
   A) $-2 < k < 2$ B) $-3 < k < 3$ C) $k > 2$ D) $k < -2$

124. What is the sum of all the natural numbers lying between 250 and 1000 which are exactly divisible by 3?
   A) 157365 B) 153657 C) 156375 D) 155637

125. Soap is in the shape of a cuboid. The surface areas of three mutually adjacent faces are 24 sq. cm, 48 sq. cm and 32 sq. cm. Find the volume of the soap (in cubic cm).
   A) 144 B) 192 C) 162 D) 216

126. Out of the 90 students in a class, 10% of the students like all the three games – Cricket, Football and Hockey. The number of students who like any two and only two of the above games is 20. The number of students who like only Cricket is 36. Find the maximum possible number of students who like only Football or only Hockey.
   A) 12 B) 18 C) 20 D) 25

127. The smallest perfect square that is divisible by 8! Is:
   A) 7(9!) B) 7(8!) C) (9!) / 8 D) 70 (8!)

128. A runs at a speed 25% faster than B and is able to allow B a lead of 7 meters to end a race in dead heat. What is the length of the race?
   A) 10 B) 15 C) 25 D) 35

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129. Find the sum of the first 30 terms of the series $1 + 2 + 3 + 4 + 6 + 6 + 10 + 8 + 15 + 10 + 21 + 12 + 28 + ...$
   A) 920 B) 720 C) 880 D) 900

130. In a gathering, if each person shook hands exactly once with each of the other participants, a total of 55 handshakes were exchanged. How many people were there in the gathering?
   A) 9 B) 10 C) 11 D) 12

131. You and your friend can complete a task in 30 days. If you are twice as efficient as your friend, the time required by each to complete the task individually is:
   A) 45 days and 90 days B) 30 days and 60 days C) 40 days and 80 days D) 40 days and 120 days

132. What is the sum of the integers from 54 to 196, both inclusive?
   A) 28,820 B) 21,767 C) 17,875 D) 30,750

133. In an exam, a minimum is to be secured in each of the 6 sections to qualify the cut-offs. In how many ways can a candidate fail to secure the cut-offs?
   A) 60 B) 63 C) 62 D) 61

134. If one of the roots of the quadratic equation $x^2 + mx + 24 = 0$ is 1.5, then what is the value of m?
A) -22.5
B) 16
C) -17.5
D) Cannot be determined

135. Shakti Singh rowed his boat in a river. He covered 60 km downstream and 36 km upstream in 18 hours. If the speed of his boat in still water is 3 kmph more than the speed of the stream, then what is the time taken by Shakti Singh to cover 24 km upstream and 40 km downstream?
A) 10
B) 12
C) 13
D) 8

136. The mean of 30 observations is 90. Later it was found that two observations i,e, 45 and 89 were misread as 54 and 98. Find the correct mean of these observations.
A) 90.9
B) 84.9
C) 89.4
D) 90.6

137. A sum of Rs. 7,000 amounts to Rs. 9,800 in 5 years. In how many years at the same rate would Rs. 875 amount to Rs. 1,275?
A) 4
B) 5
C) 6
D) Cannot be determined

138. An unbiased die was rolled thrice. The total of the numbers appearing on its top face was 14. Find the probability of the dice showing up 6 on the first role.
A) 1/4
B) 1/9
C) 1/3
D) 1/5

139. As a result of a change in the length as well as the breadth of a rectangle, its perimeter increased by 6%. Find the percentage increase in its breadth, if its area is increased by 12.36%.
A) 6%
B) 8%
C) 9%
D) Cannot be determined

140. What is the area of an obtuse angled triangle whose two sides are 8 and 12 units and the angle included between the two sides is 150°?
A) 24 sq. units
B) sq units
C) Such a triangle does not exist
D) None of the above

Direction for question nos. 141 to 146:
Study the following Bar Graph carefully to answer these questions.

Number of students who opted for two course - I and II from five colleges in a city

Course - I
Course - II

141. In which of the given colleges was the total number of students who opted for courses I and II together the least?
A) B
B) D
C) E
D) A

142. The number of students who opted for course – I from colleges C, D and E is what percentage less than the number of students who opted for course – II from colleges A, B and C?
A) 13.9%
B) 18.2%
C) 11.3%
D) 15.4%

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143. How many students opted for course – II from college A, B and C together?
A) 702   B) 682   C) 750   D) 742

144. What is the ratio of the number of students who opted for course – I from A and E together to the number of students who opted for course – II from colleges B and D together?
A) 28:25   B) 32:29   C) 40:37   D) None of these

145. What percentage of students of the colleges A and B together opted for course – I?
A) 50%   B) 55%   C) 60%   D) 65%

146. How many students opted for course – I from the colleges D and E together?
A) 428   B) 438   C) 448   D) 458

147. In the figure given below, O is the centre of the circle. The tangent at the point A intersects the secant CD at B. $\angle ABC = 30°$ and $\angle DAB = 40°$. Find $\angle ODC$.

A) 16°   B) 20°   C) 24°   D) 12°

148. How many 3 digit positive integers exist that when divided by 7 leave a remainder of 5?
A) 128   B) 129   C) 141   D) 143

149. In a certain district, one in three is a graduate and one in four of these graduates is either an engineer, a doctor or a lawyer. The graduates who are neither engineers, nor doctors nor lawyers, form what percentage of the total population?
A) 25%   B) 30%   C) 16.67%   D) 13.33%

150. Three years back, a father was 24 years older than his son. At present the father is 5 times as old as the son. How old will the son be three years from now?
A) 3 years   B) 6 years   C) 9 years   D) 12 years

Revised Answer Key - JUET 2018 (PG)

Q. No.	Set A	Set B	Set C	Set D
1	A	D	D	A
2	B	A	B	B
3	A	C	D	B
4	C	A	A	D
5	D	B	C	D
6	D	A	A	C
7	D	C	D	B
8	A	B	A	A
9	C	B	D	C
10	A	D	C	C
11	D	A	A	D
12	B	B	B	A
13	D	B	A	C
14	A	D	C	A
15	C	D	D	B
16	A	C	D	A
17	D	B	D	C
18	A	A	A	B
19	D	C	C	B
20	C	C	A	D
21	D	A	A	D
22	A	B	B	B
23	C	A	B	D
24	A	C	D	A
25	B	D	D	C
26	A	D	C	A
27	C	D	B	D
28	B	A	A	A
29	B	C	C	D
30	D	A	C	C
31	A	D	D	A
32	B	B	A	B
33	B	D	C	A
34	D	A	A	C
35	D	C	B	D
36	C	A	A	D
37	B	D	C	D
38	A	A	B	A
39	C	D	B	C
40	C	C	D	A
41	A	D	D	B
42	B	D	B	D

43	C	B	C	C
44	A	B	B	B
45	C	C	C	D
46	C	A	A	D
47	A	B	C	B
48	C	B	A	D
49	A	A	#	A
50	D	D	C	C
51	D	B	A	D
52	B	D	B	D
53	C	C	C	B
54	B	B	A	B
55	C	D	C	C
56	A	D	C	A
57	C	B	A	B
58	A	D	C	B
59	#	A	A	A
60	C	C	D	D
61	D	A	B	D
62	D	B	D	B
63	B	C	C	C
64	B	A	B	B
65	C	C	D	C
66	A	C	D	A
67	B	A	B	C
68	B	C	D	A
69	A	A	A	#
70	D	D	C	C
71	B	D	D	A
72	D	B	D	B
73	C	C	B	C
74	B	B	B	A
75	D	C	C	C
76	D	A	A	C
77	B	C	B	A
78	D	A	B	C
79	A	#	A	A
80	C	C	D	D
81	B	B	A	A
82	D	C	C	B
83	B	A	B	A
84	C	D	C	B
85	B	B	B	A
86	D	D	C	B
87	B	D	C	B

88	D	A	B	C
89	B	C	D	B
90	B	A	D	C
91	A	B	D	B
92	C	A	B	C
93	B	B	D	A
94	C	A	B	D
95	B	B	C	B
96	C	B	B	D
97	C	C	D	D
98	B	B	B	A
99	D	C	D	C
100	D	B	B	A
101	D	D	B	C
102	B	B	A	B
103	C	C	B	C
104	A	B	A	B
105	D	D	B	C
106	B	B	A	C
107	D	D	B	B
108	D	B	B	D
109	A	B	C	D
110	C	A	E	D
111	A	C	C	B
112	B	B	B	D
113	A	C	C	B
114	B	B	A	C
115	A	C	D	B
116	B	C	B	D
117	B	B	D	B
118	C	D	D	D
119	B	D	A	B
120	C	D	C	B
121	A	B	B	B
122	C	B	A	A
123	B	A	A	C
124	C	C	C	D
125	B	B	B	A
126	C	A	D	C
127	D	C	D	B
128	C	D	D	B
129	A	A	A	A
130	A	C	C	C
131	B	A	A	B
132	A	C	C	A

133	A	B	B	A
134	C	C	C	C
135	B	B	B	B
136	D	C	C	D
137	D	D	D	D
138	D	C	C	D
139	A	A	A	A
140	C	A	A	C
141	B	B	B	A
142	B	A	A	C
143	A	A	C	B
144	C	C	D	C
145	B	B	A	B
146	A	D	C	C
147	C	D	B	D
148	D	D	B	C
149	A	A	A	A
150	C	C	C	A

Note: # denotes that the question has been withdrawn.