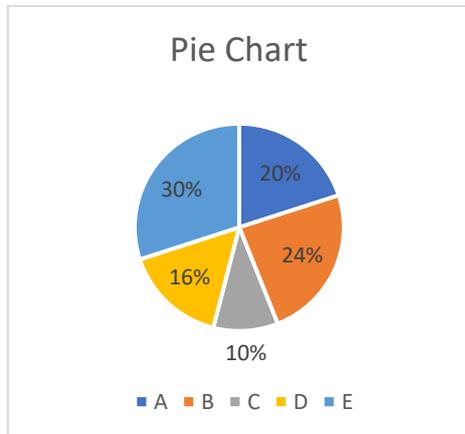
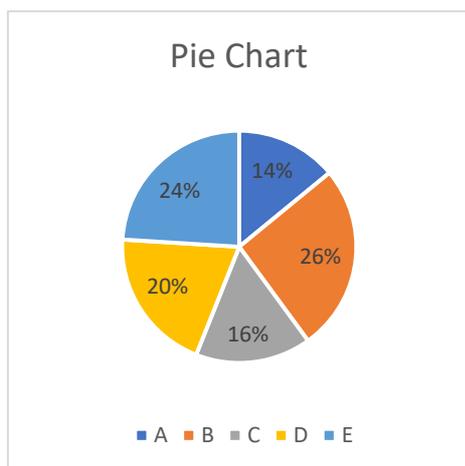


1. Direction: Refer to the pie charts to answer the given questions.



Above pie chart represent the population of villages–A, B, C, D and E in 2015 where, Total population of all villages = 18000



Above pie chart represents the population of illiterates in respective villages in 2015 where,

Total number of illiterates = 40% of Total population of all villages

Total village population = Number of literates + Number of Illiterates

In 2017, the population of village C remained the same as that in 2015, but the number of literates increased by 'X'. As a result the total number of literates become 70% more than that of illiterates. What is the value of 'X'?

- a) 620
 - b) 440
 - c) 680
 - d) 485
 - e) 430
2. The difference between the number of illiterates in village D and E is approximately what percent of that of the difference between literates in village D and E?
- a) 30
 - b) 20
 - c) 35
 - d) 13
 - e) 15
3. In Village D, the male to female ratio among the illiterates is 5 : 3 respectively. Out of the illiterates, If 'X' females and "1.25 X" males work as farmers and the ratio between males and females who do not work as farmers is 5 : 2 respectively, what is the value of 'X' ?
- a) 240
 - b) 300
 - c) 360
 - d) 380
 - e) 280
4. The average number of illiterates in Village D, F and G is 1910. 40% and 30% of the population of villages F and G respectively are illiterate. If the ratio of the population of Village F and G is 4 : 5 respectively, what is the total population of Villages F and G together?
- a) 10000
 - b) 12256
 - c) 12456
 - d) 13000

e) 14000

5. In Village A, if the respective ratio between number of males and females is 17 : 13 and there are 1000 illiterate males in village A, what is the number of male literates in village A ?

- a) 480
- b) 540
- c) 940
- d) 1040
- e) 1140

6. If the volume and curved surface area of a cylinder 1232 m³ and 704 m² respectively, what is the total surface area of the cylinder (in m²)?

- a) 429
- b) 521
- c) 629
- d) 721
- e) 781

7. Find the value of x.

Statement I: A person lent out a sum of Rs. 2400 in the ratio of 5: x in scheme A and scheme B, respectively. Scheme A is offering a simple interest of 8% per annum and Scheme B is offering a simple interest of $3(x+1)\%$ per annum. Interest earned from scheme A after 2 years is Rs. 24 more than the interest earned from scheme B after 2 years.

Statement II: A person lent out a sum of Rs. 2400 in the ratio of 5: 3 in scheme A and scheme B, respectively. Scheme A is offering a simple interest of 8% per annum and Scheme B is offering a simple interest of $3(x+1)\%$ per annum. Simple Interest earned from scheme A after 9 years is equal to the interest earned from scheme B after $(x+7)$ years.

- a) If the data in statement I alone is sufficient to answer the question, while the data in statement II alone is not sufficient to answer the question
- b) If the data in statement II alone is sufficient to answer the question, while the data in statement I alone is not sufficient to answer the question
- c) If the data either in statement I alone or in statement II alone is sufficient to answer the question
- d) If the data in both statements I and II together are necessary to answer the question
- e) If the data given in both statements I and II together are not sufficient to answer the question.

8. Direction: In each of the following 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:
How long will the tank take to fill up completely?

Statement I: Two taps take 8 hours to fill a tank

Statement II: One tap can empty the tank in 20 hours

- a) If the data in statement I alone is sufficient to answer the question, while the data in statement II alone is not sufficient to answer the question
- b) If the data in statement II alone is sufficient to answer the question, while the data in statement I alone is not sufficient to answer the question

- c) If the data either in statement I alone or in statement II alone is sufficient to answer the question
- d) If the data in both statements I and II together are necessary to answer the question
- e) If the data given in both statements I and II together are not sufficient to answer the question.

9. Direction: The question given below has few statements along with it. You have to determine which of the statement/s is/are sufficient/necessary for answering the question and mark your answer accordingly: Find the present age of Prashant.

Statement I: Age of Abhishek is average of age of Akshay and Prashant and age of Abhishek is 14 years less than twice the age of himself 4 years ago. Ratio of present age of Prashant to Akshay is 7: 4, respectively.

Statement II: Age of Akshay is 2 years more than half of age of Prashant. Age of Prashant is 10 years less than the sum of present age of Akshay and Abhishek. Abhishek is 6 years younger than Prashant.

- a) If the data in statement I alone is sufficient to answer the question, while the data in statement II alone is not sufficient to answer the question
- b) If the data in statement II alone is sufficient to answer the question, while the data in statement I alone is not sufficient to answer the question
- c) If the data either in statement I alone or in statement II alone is sufficient to answer the question
- d) If the data in both statements I and II together are necessary to answer the question

- e) If the data given in both statements I and II together are not sufficient to answer the question.

10. Directions: 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:

What is A's monthly income?

- I. A's monthly income is Rs. 2500 less than B's monthly income.
- II. Ratio of B's monthly income and C's monthly income is 2:1.

- 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 in statement I alone or in Statement II alone are sufficient to answer the question.
- d) if the data in both the Statements I and II are not sufficient to answer the question.
- e) if the data in both the Statements I and II together are necessary to answer the question.

11. Direction: Given question is followed by information given in two statement named as Quantity 1 and Quantity 2. You have to study the information along with the question and compare the value derived from Quantity 1 and Quantity 2 then answer the question.

Quantity 1: Find the value of $x(6x^2 + 17) - (3x^2 + 20) = 0$

Quantity 2: Find the value of $y(5y^2 - 12) - (9y^2 - 16) = 0$

- a) Quantity 1 > Quantity 2
- b) Quantity 1 \geq Quantity 2
- c) Quantity 1 < Quantity 2
- d) Quantity 1 \leq Quantity 2
- e) if $x = y$ or relationship cannot be established

12. Directions: Find the value of "x" and "y" and answer accordingly

I. $5x^2 + 44x + 32 = 0$

II. $9y^2 + 74y + 77 = 0$

- a) $x > y$
- b) $x \geq y$
- c) $x < y$
- d) $x \leq y$
- e) $x = y$ or relationship between x and y cannot be established.

13. Directions: In each of these questions, two equations (I) and (II) are given. You have to solve both the equations and give answer

Quantity I: $16x^2 + 28x + 12 = 0$

Quantity II: $6y^2 + 32y + 42 = 0$

- a) Quantity I > Quantity II
- b) Quantity I \geq Quantity II
- c) Quantity I < Quantity II
- d) If Quantity I \leq Quantity II
- e) Quantity I = Quantity II or relationship between x and y cannot be established.

14. Direction: Solve the following question by calculating the two quantities and comparing them:

Quantity 1: $3x^2 - 54x - (27)^2 = 0$

Quantity 2: $4x^2 - 450x + 8100 = 0$

- a) Quantity 1 > Quantity 2
- b) Quantity 1 \geq Quantity 2
- c) Quantity 1 < Quantity 2
- d) Quantity 1 \leq Quantity 2
- e) Quantity 1 = Quantity 2 or no relation.

Direction (15-18): What should come in place of the question mark '?' in the following number series?

15. 520, 268, 142, ?, 47.5, 31.75

- a) 81
- b) 79
- c) 83
- d) 81.25
- e) None of these

16. 520, 268, 142, ?, 47.5, 31.75

- a) 81
- b) 79
- c) 83
- d) 81.25
- e) None of these

17. 4, 1.5, 1.75, ?, 8.5, 35.5

- a) 3.25
- b) 2.50
- c) 2.25
- d) 3
- e) None of these

18. 0, 10, 34, 78, 148, ?

- a) 250
- b) 248
- c) 200
- d) 190
- e) None of these

19. Shobhit is twice as efficient as Rohit and Rohit is twice as efficient as Mohit. If all of them working together and complete the work in 20 days, then find in how many days Rohit and Shobhit working together can complete that work?

- a) $(65/3)$ days
- b) $(70/3)$ days
- c) $(50/3)$ days
- d) $(73/3)$ days
- e) $(79/3)$ days

20. P, Q and R started a business by investing Rs.900, Rs.1300 and Rs.2000 respectively. After two years they invested another amounts in the ratio 3 : 1 : 5. After another 1 year, P, Q and R withdrew Rs.200, Rs.400 and Rs.1000 from the business respectively. Now the profit earned from the business after 4 years from the start of the business is in the ratio of 4 : 5 : a and share of P in the profit is Rs.1200. Find the total profit earned from the business.

- a) Rs. 4100
- b) Rs. 5100
- c) Rs. 4800
- d) Rs. 5400
- e) None of these

Direction (1-5): Read the information given and answer the following question.

A family has 8 members A, B, C, D, E, F, G and H. They were born on same date and month but in different years viz. 1978, 1996, 1949, 1993, 1954, 1989, 1972 and 1982 but not necessarily in the same order. All the age calculations are done taking 01 July 2018 as a reference.

A is the oldest member. Two members were born between A and B. E was born in one of the even-numbered years after B. H is 2 years older than that of twice the age of C. Three members were born between H and F. D was born before G.

1. Who is the 3rd eldest member of the family?
 - a) H
 - b) B
 - c) D
 - d) E
 - e) None of these
2. Who among the following is younger to E but older than C?
 - I. G
 - II. Person who born in 1993
 - III. Person who is 29 year old
 - a) Only I
 - b) Both I and II
 - c) Both I and III
 - d) Both II and III
 - e) All I, II and III
3. How many persons are older than E?
 - a) 6
 - b) 7
 - c) 9
 - d) 2
 - e) None of these

4. Who was born in 1954?
 - a) F
 - b) A
 - c) D
 - d) C
 - e) None of these
5. Who is the youngest member of the family?
 - a) B
 - b) A
 - c) D
 - d) C
 - e) None of these

6. Direction: In each of the questions below are given three statements followed by two conclusions numbered I & II. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

Statements:

All arrows are feathers.

Some feathers are toys.

Some toys are guns.

Conclusions:

- I. Some arrows are guns.
- II. Some toys are arrows.

- a) Only Conclusion I follow.
- b) Only Conclusion II follows.
- c) Either Conclusion I or II follows.
- d) Neither Conclusion I nor II follows.
- e) Both Conclusions I and II follow.

7. Direction: In each of the questions below are given three statements followed by two conclusions numbered I & II. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

Statements:

All grapes are apples.

All apples are bananas.

All bananas are watermelons.

Conclusions:

- I. Some bananas are grapes.
- II. Some watermelons are apples.

- a) Only Conclusion I follow.
- b) Only Conclusion II follows.
- c) Either Conclusion I or II follows.
- d) Neither Conclusion I nor II follows.
- e) Both Conclusions I and II follow.

8. Direction: In each of the questions below are given three statements followed by two conclusions numbered I & II. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

Statements:

Some metals are stones.

Some stones are hills.

All hills are rivers.

Conclusions:

- I. Some rivers are stones.
 - II. Some rivers are metals.
- a) Only Conclusion I follows.
 - b) Only Conclusion II follows.
 - c) Either Conclusion I or II follows.
 - d) Neither Conclusion I nor II follows.
 - e) Both Conclusions I and II follow.

9. Direction: In each of the questions below are given three statements followed by two conclusions numbered I & II. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

Statements:

All tickets are petals.

No petals are desks.

Some desks are windows.

Conclusions:

- I. Some windows are tickets.
 - II. No window is ticket.
- a) Only Conclusion I follows.
 - b) Only Conclusion II follows.
 - c) Either Conclusion I or II follows.
 - d) Neither Conclusion I nor II follows.
 - e) Both Conclusions I and II follow.

10. Directions: Answer the following questions by selecting the most appropriate option.

Which one of the following teaching strategies involvement of students in teaching the concept of food chain

- Ask students to copy all examples of different food chains written on the black-board
- Make play-cards of organism and ask student groups to arrange them to depict different food chains
- Ask students to explore possible food chains operating in different habitats
- Ask students to collect related information from internet

11. Directions: Answer the following questions by selecting the most appropriate option.

In order to separate a mixture of sand and salt, which one of the following four sequences of processes has to be used

- Evaporation
- Decantation
- Sedimentation
- Sedimentation & evaporation both

12. Directions: Answer the following questions by selecting the most appropriate option.

A Science teacher administered a test after teaching the topic on 'Respiration' and observed that majority of the students did not understand the difference between respiration and breathing. This could be due to the reason that

- She was not their class teacher
- The students could not understand the question correctly
- There was usually lot of indiscipline in her class
- She could not explain the related concept effectively in the class

13. Direction: In the following question assuming the given statements to be true,

find which of the conclusion among given conclusions is/are definitely true and then give your answers accordingly.

Statements:

$$V \leq K < D = S; D < B < O; A \geq D < T$$

Conclusions:

- $A > B$ II. $V < T$
 - None is true
 - Only I is true
 - Only II is true
 - Both are true
 - Can't be determined

14. Direction: In the following question assuming the given statements to be true, find which of the conclusion among given conclusions is/are definitely true and then give your answers accordingly.

Statements:

$$C \leq R \leq N = K \geq F; Q \geq K < O; D \geq L; C \geq D \leq T \geq Z$$

Conclusions:

- $C < O$ II. $D < N$
 - None is true
 - Only I is true
 - Either I or II is true
 - Can't be determined
 - Both are true

Direction(15-16): Study the following information and answer the questions.

Seven Friends P, Q, R, S, T, U and V live on different floors in a building but not necessarily in the same order. The ground floor is numbered 1 and the floor just above it is numbered 2 and so on till the topmost floor is numbered 7.

There are two persons between P and V. Q lives on the fifth floor and P lives on an odd-numbered floor but not below V. There is only one person between R and U. S does not live on a floor above R.

15. How many persons live on the floor above T?

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

16. How many persons live between V and U?

- a) Zero
- b) One
- c) Two
- d) Three
- e) Four

17. How many such pairs of letters are there in the word "LAYOUT", each of which has as many letters between them in the word (in both forward and backward Directions) as they have between them in the English alphabetical series?

- a) Three
- b) Four
- c) One
- d) Two
- e) Six

Direction (18-20): Read the following instruction carefully and answer the questions that follow:

Certain people are sitting in a row facing North. There are as many people to the right of Z as there are to the left of Z. Y is third to the left of U who sits fourth from one of the extreme ends of the row. T sits at one of the extreme

ends of the row. There are five persons sitting between T and W. X sits exactly in the middle of T and W. Two persons sit between W and Z. Y does not sit at any of the extreme ends of the row. There are as many persons sitting between Y and V as many are sitting between W and Y. V sits at one of the ends and there are 2 people between V and U.

18. Who is sitting exactly in the middle of Z and U?

- a) Y
- b) Z
- c) U
- d) V
- e) Cannot be determined

19. How many persons are sitting in the row?

- a) 20
- b) 21
- c) 24
- d) 19
- e) 17

20. How many persons are sitting to the right of Y?

- a) 7
- b) 9
- c) 6
- d) 5
- e) 8

Direction(1-5): Rearrange the following six sentences (A), (B), (C), (D), (E) and (F) in a proper sequence to form a meaningful paragraph, then answer the questions that follow.

A) A conscious effort by the Delhi government to involve SMCs in all education reforms has gone a long way in creating a sense of ownership among parents.

B) An instance was when the government was inviting schools to organise summer camps for students of class VI. SMCs played a pivotal role in convincing the schools, teachers and even the students to participate in the summer camps.

C) Clearly, SMCs in Delhi have come a long way from being one of the countless bodies that exist on paper, but never succeed in realising their purpose.

D) Ultimately, 45,000 students across 500 schools made attested to the success of this initiative, the credit of which should rightly go to the SMCs.

E) The fundamental shift in transforming SMCs in Delhi government schools started right from its organisation, with active campaigns held for parents' elections to the committees.

F) Last year's success has prompted the government to scale the summer camps which are currently underway in all its 1024 schools purpose.

1. Which of the following will be the Second Last sentence?

- a) B
- b) F
- c) E
- d) D
- e) C

2. Which of the following will be the First sentence?

- a) C
- b) D
- c) A
- d) E
- e) F

3. Which of the following will be the Last sentence?

- a) C
- b) B
- c) D
- d) E
- e) F

4. Which of the following will be the Third sentence?

- a) C
- b) E
- c) D
- d) B
- e) A

5. Which of the following will be the Second sentence?

- a) B
- b) E
- c) C
- d) D
- e) A

Direction(6-15): Read the following passage carefully and answer the questions given below. Certain words are given in bold in the passage to help you locate them while answering some of the questions.

It is difficult to compare countries because various factors such as size, culture, history, geography, natural **endowments**, geopolitics and internal polity come into play. There are some goals which can be achieved by smaller countries: but sometimes smaller countries find it difficult to embark upon certain big technological plans even if they have the funds because the size of the domestic market is too small. If we consider the bigger countries, the

closest comparison to India is China, though there are many **crucial** differences.

The Chinese vision is to prepare the country for entry into the ranks of Moderate-level developed nations by the end of the twenty-first century. Acceleration of the nation's economic growth and social development by relying on advances in science and technology is **pivotal** in this.

Documents describing the Chinese vision state that science and technology constitute premier productive forces and represent a great revolutionary power that can propel economic and social development. It is interesting to note that the main lessons the Chinese have drawn from their past performance is their failure to promote science and technology as strategic tools for empowerment. They also point to the absence of mechanisms and motivations in their economic activity to promote dependence on science and technology. Similarly, they hold that their scientific and technological efforts were not **oriented** towards economic growth. As a consequence, they conclude a large number of scientific and technological achievements were not converted into productive forces as they were too far removed from China's immediate economic and social needs. The Chinese vision is, therefore, aimed at exploiting state-of-art science and technology to enhance the nation's overall power and strength to improve the people's living standards, to focus on resolving problems encountered in large-scale industrial and agricultural production and to effectively control and alleviate pressures brought on by population, resources and the environment. By the year 2000, China had aimed at bringing the main industrial sectors up to the technological

levels achieved by the developed countries in the 1970s or 80s, and by 2020 to the level they would have attained by the early twenty-first century. The aim is to bridge the overall gap with the advanced world. There is a special emphasis on research and development of high technologies that would find defence applications. Some of these technologies are critical for improving the features of key conventional weapons. Some technologies are meant for enhancing future military capabilities. Other efforts are aimed at maintaining the momentum to develop capabilities for cutting-edge defence technologies. They call for unremitting efforts in this regard with the aim of maintaining effective self-defence and nuclear deterrent capabilities and to enable parity in defence, science and technology with the advanced world.

6. Comparison between two countries becomes difficult because:
 - A. The countries differ in their internal political systems.
 - B. Each country has its own culture and natural resources which differ from those of others.
 - C. The countries with homogeneous backgrounds are many in number.
 - a) A only
 - b) B only
 - c) A and B both
 - d) All the three (A), (B) and (C)
 - e) None of the above

7. Which of the following have been identified by the Chinese as their pitfall(s) from their past?
 - A. Lack of orientation of Science and Technology towards economic growth.

- B. Lack of mechanisms in their economic activities to promote use of Science and Technology.
- C. Neglect of Science and Technology as a strategic measure for empowerment.
- a) A and B both
b) B and C both
c) A and C both
d) All the three (A), (B) and (C)
e) None of the above
8. Which of the following was the most possible outcome of the scientific and technological accomplishments of China which didn't come true?
- a) To remain dysfunctional
b) To be transformed into productive forces
c) To be utilized for motivating social activities
d) To be promoted through political will
e) None of the above
9. Which of the following is/are the expected result(s) of China's new visions?
- A. To augment peoples' standard of living.
B. To tackle effectively the pressures brought on by the population.
C. To focus on problem solving for industrial and agricultural production.
- a) A and B only
b) B and C only
c) A and C only
d) A only
e) All (A), (B) and (C)
10. What according to the passage is the gap in terms of number or years between the targeted developments in China and in other developed countries?
- a) 5-10years
b) 20-30 years
c) 40-50 years
d) More than 50 years
e) Less than 5 years
11. Which of the following catches the essence of the passage?
- a) Enormous population of the country can be positively utilized for developments
b) Scientific and technological principles may not necessarily be instrumental in economic growth
c) Harmonious development of a country can take place even in the absence of technology up-gradation
d) Economic growth needs to be driven by science and technology
e) Countries should not be compared with each other
12. Choose the word which is most nearly the SAME in meaning as the word given in bold as used in the passage.
- Endowments**
- a) Powers
b) Measures
c) Habitats
d) Findings
e) Gifts
13. Choose the word which is most nearly the SAME in meaning as the word given in bold as used In the passage.
- Oriented**
- a) Aligned
b) Tempting
c) Deciding
d) Leaning
e) Sure

14. Choose the word which in OPPOSITE in meaning to the word given in bold as used in the passage.

Crucial

- a) Central
- b) Trivial
- c) Decisive
- d) Fundamental
- e) Imperative

15. Choose the word which in OPPOSITE in meaning to the word given in bold as used in the passage.

Pivotal

- a) Irrelevant
- b) Unmanageable
- c) Irreparable
- d) Inauspicious
- e) Irritating

16. Direction: Read the sentence to find out whether there is any error in it. The error, if any, will be in one part of the sentence. The number corresponding to that part will be your answer. If the given sentence is correct as it is, mark the answer as "No error". Ignore the errors of punctuation if any.

Apotheosis can mean nothing to them who hold (1)/ that a man may be reborn as a god, but (2)/ still needs redemption, and that men on earth may (3)/ win redemption, if they are brave enough. (4)/ No error (5)

- a) (1)
- b) (2)
- c) (3)
- d) (4)
- e) (5)

17. Direction: Read the sentence to find out whether there is any error in it. The error, if any, will be in one part of the sentence. The number corresponding to that part will be your answer. If the given sentence is correct as it is, mark the answer as "No error". Ignore the errors of punctuation if any.

The January sun continued in its brilliance and (1)/ the rhythmic gliding across the crystal snow, though (2)/ not exhausting, warmed the couple to the point where even (3)/ their limited outer cover seemed extreme. (4)/ No error (5)

- a) (1)
- b) (2)
- c) (3)
- d) (4)
- e) (5)

18. Direction: Read the sentence to find out whether there is any error in it. The error, if any, will be in one part of the sentence. The number corresponding to that part will be your answer. If the given sentence is correct as it is, mark the answer as "No error". Ignore the errors of punctuation if any.

As the bed went passed them, the (1)/ doctor clasped their hands, head bowed (2)/ down and were seen praying for (3)/ the baby in a touching, respectful way. (4)/ No error (5)

- a) (1)
- b) (2)
- c) (3)
- d) (4)
- e) (5)

19. Direction: Read the sentence to find out whether there is any error in it. The error, if any, will be in one part of the sentence. The number corresponding to that part will be your answer. If the given sentence is correct as it is, mark the answer as "No error". Ignore the errors of punctuation if any.

With the current reading being one (1)/ taken from this morning, Delhi's air quality (2)/ makes the city one of the most (3)/ polluted in the world right now. (4)/ No error (5)

- a) (1)
- b) (2)
- c) (3)
- d) (4)
- e) (5)

20. Direction: Read the sentence to find out whether there is any error in it. The error, if any, will be in one part of the sentence. The number corresponding to that part will be your answer. If the given sentence is correct as it is, mark the answer as "No error". Ignore the errors of punctuation if any.

The Maharani of Cooch Behar, Indira (1)/ Devi loved shoes so much then she ordered a (2)/ hundred pairs of shoes to be made for her by the famed (3)/ (and expensive) Italian shoemaker Salvatore Ferragamo. (4)/ No error (5)

- a) (1)
- b) (2)
- c) (3)
- d) (4)
- e) (5)

21. Direction: In the given question, a part of the sentence is printed in bold. Below the sentence alternatives to the bold part are given at (A), (B), (C) and (D) which may help improve the sentence. Choose the correct alternative. In case the given sentence is correct, your answer is (E), i.e., "No correction required".

Television serial junkies in the United States have been savouring a period drama called The Americans – **that could well have been called The Russians – since the past four years.**

- a) could well have been called The Russians – since the past four years.
- b) could well had been called The Russians – for the past four years.
- c) could well have been called Russians – for the past four year.
- d) could well have been called The Russians – for the past four years.
- e) No correction required

22. Direction: In the given question, a part of the sentence is printed in bold. Below the sentence alternatives to the bold part are given at (A), (B), (C) and (D) which may help improve the sentence. Choose the correct alternative. In case the given sentence is correct, your answer is (E), i.e., "No correction required".

The angry bear jumped up against the sides of the growing tower and left deep claw marks, which **should have been seen to** this day up on the rocks.

- a) may be seen to
- b) would be seen to
- c) would have been seen to
- d) would see to
- e) No correction required

23. Direction: In the given question, a part of the sentence is printed in bold. Below the sentence alternatives to the bold part are given at (A), (B), (C) and (D) which may help improve the sentence. Choose the correct alternative. In case the given sentence is correct, your answer is (E), i.e., "No correction required".

The gods tested Hercules' worthiness to join them on Mount Olympus **by form of task like dangerous missions** that no mortal could survive.

- a) by tasking him with dangerous missions
- b) by giving him task with dangerous missions
- c) by giving him dangerous mission tasks
- d) by missioning him dangerous tasks
- e) No correction required

24. Direction: In the given question, a part of the sentence is printed in bold. Below the sentence alternatives to the bold part are given at (A), (B), (C) and (D) which may help improve the sentence. Choose the correct alternative. In case the given sentence is correct, your answer is (E), i.e., "No correction required".

The indefinite strike was more or less peaceful, thanks to the heavy military presence and stringent **measure announced for those** who supported it.

- a) measures announced against those
- b) measures announced for those
- c) measures announced at those
- d) measure announced against those
- e) no improvement required

25. Direction: In the given question, a part of the sentence is printed in bold. Below the sentence alternatives to the bold part are given at (A),

(B), (C) and (D) which may help improve the sentence. Choose the correct alternative. In case the given sentence is correct, your answer is (E), i.e., "No correction required".

Sleep deprivation **adverse in affects** the brain and cognitive function so working becomes difficult.

- a) is adversely affect
- b) adversely affects
- c) adverse effect
- d) adverse in effect
- e) no correction required

26. Direction: In the given question, a part of the sentence is printed in bold. Below the sentence alternatives to the bold part are given at (A), (B), (C) and (D) which may help improve the sentence. Choose the correct alternative. In case the given sentence is correct, your answer is (E), i.e., "No correction required".

The infiltrators positioned themselves in key locations that gave them a strategic advantage **for the start of** the conflict.

- a) by the start of
- b) during the start of
- c) for the start off
- d) since the start of
- e) No correction required

27. Direction: Four statements are given below as A, B, C and D. There may be some errors in the given statement(s). The incorrect statement is your answer.

- a) India's environment minister blamed the Delhi government and its neighbouring states for failing in their efforts to check air pollution

which was six times above the recommended limit on Thursday, posing severe health risks.

- b) Air pollution in Delhi was six times above the recommend limit on Thursday after which India's environment minister blaming the Delhi government and its neighbouring states for failing in their efforts to check air pollution.
- c) Delhi's air pollution reached six times above the recommended limit causing the India's environment minister to blame the Delhi government and its neighbouring states for failing to control the air pollution.
- d) Blame was put on the Delhi government and its neighbouring states for failing to check air pollution after it reached six times above the recommended level.
- e) All are incorrect

28. Direction: Four statements are given below as A, B, C and D. There may be some errors in the given statement(s). The incorrect statement is your answer.

- a) State-run Indian refiner Hindustan Petroleum said it may resume buying Iranian oil if New Delhi secures a waiver from U.S. sanctions, its chairman M K Surana said on Thursday.
- b) Hindustan petroleum's chairman M K Surana said on Thursday that a state run Indian refiner may resume buying Iranian oil if New Delhi secures a waiver from U.N. Sanctions.
- c) Hindustan petroleum nay resume buying Iranian oil if New Delhi secures a waiver from U.S. sanction, said M K Surana the chairman of the state run Indian refiner.
- d) The chairman of the state run Indian refiner Hindustan petroleum M K Surana said that, if New Delhi secures a waiver from U.S. sanction, it may resume buying Iranian oil.
- e) All are incorrect

29. Direction: Four statements are given below as A, B, C and D. There may be some errors in the given statement(s). The incorrect statement is your answer.

- a) A special investigation team (SIT) is also probing the alleged murder of Tiwari, 38, by constable Prashant Chowdhury, who was accompanied by another constable Sandeep Kumar, while Tiwari was going to drop his ex-colleague Sana Khan home in the wee hours of Saturday.
- b) He has constituted a Special Investigation Team under IG Lucknow to probe the case. "A murder case has been filed against both the constables. We believe that the cops resorted to aggression which wasn't required," he told India Today TV.
- c) The UP government has assured the family of fast track proceedings in the case but a Special Investigation Team (SIT) was also constituted to probe Tiwari's death.
- d) Calling it "murder", Director General of Police (DGP) O P Singh constituted a special investigation team (SIT) headed by IG Lucknow range Sujeet Kumar and comprising SP Crime and Lucknow SP (Rural).
- e) All are incorrect

30. Direction: Four statements are given below as A, B, C and D. There may be some errors in the given statement(s). The incorrect statement is your answer.

- a) After the struggles of the England series, Virat Kohli has taken charge of the Indian team for the upcoming Test series against England.
- b) Before the struggles of the England series, Virat Kohli will take charge of the Indian team for the upcoming Test series against England.

- c) After the struggles of the England series, Virat Kohli will take charge of the Indian team for the upcoming Test series for England.
- d) After the struggles of the England series, Virat Kohli had taken charge of the Indian team for the upcoming Test series against England.
- e) All are incorrect

Direction (31-40): In the following passage, there are blanks each of which has been numbered. These numbers are printed below the passage and against each five groups of words have been suggested, one of which fills the blanks appropriately. The 6th Regiment Massachusetts Volunteer Militia was a (Q.31) infantry regiment that was activated only for civil services in the Union army for three separate terms during the American Civil War. The regiment (Q.32) notoriety as the first unit in the Union army to suffer fatal casualties in action during the Civil War in the Baltimore Riot and the first militia unit to arrive in Washington D.C. in response to President Abraham Lincoln's initial call for 75,000 troops. Private Luther C. Ladd of the 6th Massachusetts is often (Q.33) to as the first Union soldier killed in action during the war. In the years immediately preceding the war and during its first enlistment, the regiment (Q.34) primarily of companies from Middlesex County. During its first term of service, four out of ten companies of the regiment were from Lowell, Massachusetts. Colonel Edward F. Jones commanded the regiment during its first term. He later (Q.35) the 26th Massachusetts and was awarded the honorary grade of brevet brigadier general. During its second and third terms of service, the unit was commanded by Colonel Albert S. Follansbee. The regiment first (Q.36) for a "90-day" term of service which lasted from April 16 to August 2, 1861.

Following their engagement in the Baltimore Riot, the 6th Massachusetts (Q.37) to Washington and then returned to Baltimore to guard locations within the city as well as the Baltimore and Ohio Railroad station at Elkrige, Maryland. Their second term of service (Q.38) nine months from August 1862 to June 1863. During this time the 6th Massachusetts was attached to the VII Corps and participated in several expeditions and actions in the vicinity of Suffolk, Virginia, most notably the Siege of Suffolk and the Battle of Carrsville in April and May 1863. Private Joseph S.G. Sweatt's bravery at Carrsville (Q.39) him the Medal of Honor. The 6th Massachusetts served a third term in response to the call for troops to defend fortifications around Washington. During this term, which lasted 100 days from July to October 1864, the 6th Massachusetts garrisoned Fort C. F. Smith was in Arlington, Virginia and (Q.40) Confederate prisoners of war at Fort Delaware near the mouth of the Delaware River.

31. Choose the correct answer from the given options to fill in the blanks which are numbered.
 - a) Wartime
 - b) Peacetime
 - c) Mammoth
 - d) Truce
 - e) Exploit
32. Choose the correct answer from the given options to fill in the blanks which are numbered.
 - a) Polished
 - b) Abducted
 - c) Gained
 - d) Surrendered
 - e) Subdued

33. Choose the correct answer from the given options to fill in the blanks which are numbered.
- Contained
 - Sustained
 - Composed
 - Pondered
 - Referred
34. Choose the correct answer from the given options to fill in the blanks which are numbered.
- Emptied
 - Consisted
 - Enlightened
 - Punctuated
 - Belittled
35. Choose the correct answer from the given options to fill in the blanks which are numbered.
- Commanded
 - Persuaded
 - Enthralled
 - Obliged
 - Performed
36. Choose the correct answer from the given options to fill in the blanks which are numbered.
- Protected
 - Promoted
 - Enlisted
 - Serviced
 - Engorged
37. Choose the correct answer from the given options to fill in the blanks which are numbered.
- Proceeded
 - Courted
 - Outnumbered
 - Synchronized
 - Obliterated
38. Choose the correct answer from the given options to fill in the blanks which are numbered.
- Began
 - Succeeded
 - Postponed
 - Lasted
 - Surprised
39. Choose the correct answer from the given options to fill in the blanks which are numbered.
- Earned
 - Coasted
 - Perplexed
 - Mortified
 - Imputed
40. Choose the correct answer from the given options to fill in the blanks which are numbered.
- Stole
 - Guarded
 - Banished
 - Entertained
 - Summed

1. National Rural Livelihood Mission was launched by which of the following ministries?
 - a) Ministry of Health and Family welfare
 - b) Ministry of Child and Family development
 - c) Ministry of Home Affairs
 - d) Ministry of Rural Development
 - e) Ministry of Panchayati Raj
2. Who among the following renowned English fiction writer has been awarded with Jnanpith award, 2018 ?
 - a) Kiran Desai
 - b) Amitav Ghosh
 - c) Arvind Adiga
 - d) Arundhati Roy
 - e) Ravuri Bharadwaja
3. According to the International Monetary Fund (IMF) report, India's economy projected to grow at how much percent in 2019?
 - a) 7.5%
 - b) 7.4%
 - c) 7.3%
 - d) 7.1%
 - e) 7.2%
4. What does 'M' stand for in 'TRIMS'?
 - a) Measures
 - b) Management
 - c) Million
 - d) Money
 - e) Market
5. Which Indian railway station has become the first ever railway station in the Indian Railways to get an ISO certification (ISO-14001) from the National Green Tribunal (NGT) for "providing passenger amenities in a clean and green environment"?
 - a) Gorakhpur Railway Station (Uttar Pradesh)
 - b) Indore Railway Station (Madhya Pradesh)
 - c) Guwahati Railway Station (Assam)
 - d) Varanasi Railway Station (Uttar Pradesh)
 - e) None of these
6. 'KUSUM' Yojana is related to which of the following fields?
 - a) Wind Energy
 - b) Solar Energy
 - c) Farmer insurance
 - d) Banking System
 - e) Education
7. What is the theme of 106th edition Indian Science Congress-2019?
 - a) Science and Technology for Indigenous Development in India
 - b) Science for shaping the future of India
 - c) Planet Earth
 - d) Future India –Science and Technology
 - e) Reaching the unreached through science and technology
8. Which committee has been constituted by the Union Government to suggest ways for doubling farmers' income by 2022?
 - a) Arvind Panagariya committee
 - b) Ashok Dalwai committee
 - c) Amitabh Kant committee
 - d) Bibek Debroy committee
 - e) None of these
9. In March 2019, World Bank and Government of India inked loan agreement of \$250 million for which programme?
 - a) NREPG (National Rural Employment Guarantee Programme)
 - b) NRHM (National Rural Health Mission)
 - c) ICDS (Integrated Child Development Services)

- d) NRETP (National Rural Economic Transformation Project)
- e) SSA (Sarva Siksha Abhiyan)
10. Hirakud dam is located in which of the following states?
- Jharkhand
 - Chhattisgarh
 - Odisha
 - West Bengal
 - Karnataka
11. 'Jallikattu' is typically practised in the which Indian state as a part of Pongal celebrations?
- Kerala
 - Andhra Pradesh
 - Tamil Nadu
 - Manipur
 - Assam
12. Which of the following states topped in the Khelo India Youth Games (2nd edition) in Pune?
- Punjab
 - Assam
 - Haryana
 - Delhi
 - Maharashtra
13. TRIPS is an agreement under WTO. What does 'TRIPS' stand for?
- Trade related investment property Rights
 - Trade related Aspect of investment property Rights
 - Trade related aspect of Intellectual Property rights
 - Trade related aspect of Intellectual Property system
 - None of the above
14. India tested which of the following long-range cruise missiles with sharper terrain hugging capabilities?
- Agni VI
 - Nirbhay
 - Tomahawk
 - Babur
 - Shaurya
15. Which of the following cities hosted the Madhya Dakshini Festival 2019?
- Darjeeling
 - Kolkata
 - Gangtok
 - Guwahati
 - None of these
16. Kuldip Nayar conferred with the Padma Bhushan award posthumously for 2019. He was awarded for distinguished service of high order in which of the following fields?
- Education
 - Film
 - Science
 - Journalism
 - Medicine
17. Which of the following states has declared 'Jackfruit' as the official fruit of the state?
- West Bengal
 - Kerala
 - Karnataka
 - Andhra Pradesh
 - None of the above
18. Which Union territory became the first Union territory of India to run completely on solar power energy?
- Delhi
 - Diu
 - Lakshadweep

- d) Puducherry
- e) None of these

19. India follows four CPI indices to measure Inflation at the consumer level. Which of the following is not one of the four indices?

- a) CPI-IW (Industrial Worker)
- b) CPI-AL (Agricultural Labourers)
- c) CPI-RL(Rural Labourers)
- d) CPI-SL (Service Labourers)
- e) None of these

20. Who has been elected as first Indian woman Member of International Tribunal for Law of the Sea (ITLOS)?

- a) Aruna Jayanthi
- b) Vinita Bali
- c) Neeru Chadha
- d) Chitra Ramkrishna
- e) None of these

1. 601 error code identifies a –
 - a) Motherboard problem
 - b) Floppy drive problem
 - c) ALU problem
 - d) Hard disc problem
 - e) Other than the given options
2. Which of the following is an example of telecommunications device?
 - a) Printer
 - b) Scanner
 - c) Joystick
 - d) Window 10
 - e) Modem
3. _____ component is used for short - term data storage.
 - a) ROM
 - b) DVD
 - c) RAM
 - d) Hard disc
 - e) Both a and d
4. _____ is a shortcut key, used to inserts a blank field in a word file.
 - a) Alt + F 9
 - b) Ctrl + F9
 - c) Shift + F9
 - d) Ctrl + F10
 - e) Alt + F10
5. Which of the following is an application software?
 - a) Windows-8
 - b) Windows - XP
 - c) Control panel
 - d) Microsoft Excel
 - e) Control Panel
6. Which key is pressed to move to the beginning of a line of text in a document?
 - a) Scrollbar
 - b) Page up key
 - c) Tab key
 - d) Home Key
 - e) Page down key
7. What does 'LSI' stand for?
 - a) Low Scale Integration
 - b) Local Scale Integration
 - c) Large scale Integrated
 - d) Logical Scale Integration
 - e) Low scale Integrated
8. What is called the part of CPU which coordinates all function of computer and other components?
 - a) ALU
 - b) UPS
 - c) Motherboard
 - d) Control unit
 - e) Other than the given options
9. _____ is a function to return system files and settings to an earlier point in time when the system was running properly.
 - a) re - access
 - b) Segmenting
 - c) Retrieve
 - d) Restore
 - e) Other than the given options
10. Which of the following shortcut key is used to Auto sum in Microsoft Excel?
 - a) Alt + Enter
 - b) Alt + Equals
 - c) Shift + Equals
 - d) Tab + Enter
 - e) Alt + Space
11. If you press _____, the cell in MS-Excel accepts your typing as its contents?

- a) Tab
b) Enter
c) Ctrl+Enter
d) Alt+Enter
e) None of these
12. The standard protocol of the Internet is _____.
- a) Flash
b) Java
c) HTML
d) TCP/IP
e) None of these
13. Which of the following is not a modifier key?
- a) Caps lock
b) Ctrl
c) Alt
d) Shift
e) None of these
14. What are the two essential parts of the computer?
- a) Keyboard & Mouse
b) Printer & Screen
c) Hardware & Software
d) Monitor & Keyboard
e) None of these
15. Mouse is a _____.
- a) output device
b) browser
c) software
d) input device
e) None of these
16. In the network the individual computers, which access shared network resources, are known as—
- a) Nodes
b) A Server
c) A Brewers
d) A Beta test and Beker call
e) None of these
17. Which of the following has the smallest storage capacity?
- a) zip disk
b) hard disk
c) data cartridge
d) floppy disk
e) CD
18. Which of the following is not a computer language?
- a) High – Level Language
b) Medium Level Language
c) Low Level Language
d) Machine Language
e) None of these
19. Which type of memory gets lost when you switch off?
- a) RAM
b) ROM
c) Cache
d) Dynamic
e) Static
20. What is the name of the program that controls the computer?
- a) The File Manager
b) An Application Program
c) A Browser
d) The Operating System
e) The Compiler