1. In the following question, select the related word from the given alternatives.

**Doctor : Nurse :: ? : Follower**

A. Worker  
B. Employer  
C. Employee  
D. Leader  

**Answer Key - D**

2. Which number will best complete the relationship given below?

42 : 20 :: 64 : ?

A. 31  
B. 33  
C. 35  
D. 36  

**Answer Key - A**

3. Find the ODD one out.

A. Rhea  
B. Ostrich  
C. Emu  
D. Eagle  

**Answer Key - D**

4. Find the ODD one out.

A. Bangladesh  
B. Myanmar  
C. Cambodia  
D. Pakistan  

**Answer Key - C**

5. If in a certain code, SCHOOL is written as PNIKKB and ME is written as ZY, then how will COOLHOME be written in that code?

A. NKKBKIKZY  
B. NKKLIKZRY  
C. PKKKNIKYZ  
D. NKKBPKZKY  

**Answer Key - A**

6. If in a certain code, CONVENTIONAL is written as NOCNEVOITLAN, then how will ENTHRONEMENT be written in that code?

A. TNEROHEMNTNE  
B. TNEORHMENTNE  
C. NTEROHEMNNTNE  
D. TNEROHEMNNTNE  

**Answer Key - B**
7. If in a certain code, 'mu kay cit' means 'very lucky person' and 'dis hu mu' means 'fortunate and lucky', then what is the code for 'lucky'?
   A. mu  B. kay  C. cit  D. dis
   **Answer Key - A**

8. Arun walks 25 m to the south of his house. He then turns left and walks another 10 m. Then turning to the north, he walks 20 m and then he starts walking towards his house. Towards which direction is he walking now?
   A. North  B. East  C. North-west  D. South-east
   **Answer Key - C**

9. Rahul travels a distance of 15 km from a place 'P' towards north, then turns left and walks 5 km, again turns right and walks 1 km. He turns right and travels 13 km and finally he turns right and travels 16 km to reach the place 'Q'. What is the distance between 'P' and 'Q'?
   A. 6 km  B. 8 km  C. 18 km  D. 29 km
   **Answer Key - B**

10. Aravind is the brother of Arun, who has a daughter Bhuvana. Chandru is the brother of Bhuvana. How is Chandru related to Aravind?
    A. Uncle  B. Nephew  C. Father  D. Son
    **Answer Key - B**

11. Introducing a girl, Aarav said, "This girl is the wife of the grandson of my mother". How is Aarav related to that girl?
    A. Father  B. Grandfather  C. Father-in-law  D. Brother
    **Answer Key - C**

12. Complete the series.
    2, 7, 14, 23, (...), 47
    A. 30  B. 34  C. 39  D. 44
    **Answer Key - B**
13. Find the wrong number in the series.
   4, 7, 12, 23, 38, 71
   A. 7  B. 12  C. 23  D. 38
   Answer Key - C

14. Complete the series.
   E, (…), L, Q, W
   A. F  B. G  C. H  D. I
   Answer Key - C

15. Complete the series.
   A1, C2, I7, K8, (…), S14
   A. Q13  B. P13  C. Q14  D. P14
   Answer Key - A

16. In this question, three statements are given. If the first two statements are TRUE, identify whether the third statement is TRUE or FALSE.

   1) Ananya is younger than Kumar.
   2) Deepan was born after Ananya.
   3) Kumar is elder than Deepan.
   A. True  B. False  C. Uncertain  D. None of these
   Answer Key - A
17. In this question, a statement is given followed by two conclusions. Choose the conclusion which best fits logically.

Statement:
The Chief Minister emphasised the point that the government will try its best for the development of farmers and rural poor.

Conclusions:
I) The former government had not tried seriously for the development of these people.
II) This government will not try seriously for the development of urban poor.

A. Only conclusion I follows  
B. Only conclusion II follows  
C. Both conclusions I and II follow  
D. Neither conclusion I nor II follows

Answer Key - D

18. Identify the diagram that best represents the relationship among the classes given below.
Food, Vegetable, Carrot

A.  
B.  
C.  
D.  

Answer Key - A
19. Choose the alternative which closely resembles the mirror-image of the given combination.

Supervisor
(1) Supervisor (2) Virasngouz
(3) Vrasngouz (4) Vrasnergouz

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<table>
<thead>
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<tbody>
<tr>
<td>A</td>
<td>1</td>
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<td>B</td>
<td>2</td>
</tr>
<tr>
<td>C</td>
<td>3</td>
</tr>
<tr>
<td>D</td>
<td>4</td>
</tr>
</tbody>
</table>

Answer Key - A
20. Read the following information carefully and answer the question given below.

(i) Aakash, Kumar, Dinesh, Ranbir, Santhosh and Bala are friends.
(ii) Kumar and Dinesh are shorter than Bala.
(iii) Ranbir is taller than Dinesh.
(iv) Santhosh is shorter than Ranbir.
(v) Aakash is shorter than Santhosh but taller than Bala.

From the given options who among them is the tallest?

<p>| | |</p>
<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>A.</td>
<td>Aakash</td>
</tr>
<tr>
<td>B.</td>
<td>Kumar</td>
</tr>
<tr>
<td>C.</td>
<td>Ranbir</td>
</tr>
<tr>
<td>D.</td>
<td>Santhosh</td>
</tr>
</tbody>
</table>

Answer Key - C
21. Read the following information carefully and answer the question given below.

(i) Aakash, Kumar, Dinesh, Ranbir, Santhosh and Bala are friends.
(ii) Kumar and Dinesh are shorter than Bala.
(iii) Ranbir is taller than Dinesh.
(iv) Santhosh is shorter than Ranbir.
(v) Aakash is shorter than Santhosh but taller than Bala.

Whose height is between Bala and Santhosh?

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Aakash</td>
</tr>
<tr>
<td>B</td>
<td>Kumar</td>
</tr>
<tr>
<td>C</td>
<td>Dinesh</td>
</tr>
<tr>
<td>D</td>
<td>Cannot be determined</td>
</tr>
</tbody>
</table>

Answer Key - A
22. Read the following information carefully and answer the question given below.

(i) Aakash, Kumar, Dinesh, Ranbir, Santhosh and Bala are friends.
(ii) Kumar and Dinesh are shorter than Bala.
(iii) Ranbir is taller than Dinesh.
(iv) Santhosh is shorter than Ranbir.
(v) Aakash is shorter than Santhosh but taller than Bala.

Which of the following statements is TRUE with respect to the height of Bala?

<table>
<thead>
<tr>
<th>A.</th>
<th>Bala is taller than Santhosh</th>
<th>B.</th>
<th>Bala is shorter than Ranbir</th>
</tr>
</thead>
<tbody>
<tr>
<td>C.</td>
<td>Bala is taller than Aakash</td>
<td>D.</td>
<td>Bala is shorter than Dinesh</td>
</tr>
</tbody>
</table>

Answer Key - B
23. Read the following information carefully and answer the question given below.

Anu, Meena, Priya, Banu, Abi and Janu are sitting around a circle facing the centre. Anu, who is sitting to the immediate left of Banu is not the neighbour of Priya. Abi, the neighbour of Priya is not the neighbour of Meena. Janu is sitting between Banu and Meena.

Which of the following statements is TRUE?

<table>
<thead>
<tr>
<th></th>
<th>A. Meena is third to the right of Abi</th>
<th>B. Abi is between Priya and Banu</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>C. Banu is between Anu and Priya</td>
<td>D. Anu is to the immediate right of Abi</td>
</tr>
</tbody>
</table>

Answer Key - D
24. Read the following information carefully and answer the question given below.

Anu, Meena, Priya, Banu, Abi and Janu are sitting around a circle facing the centre. Anu, who is sitting to the immediate left of Banu is not the neighbour of Priya. Abi, the neighbour of Priya is not the neighbour of Meena. Janu is sitting between Banu and Meena.

What is the position of Abi?

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Between Priya and Meena</td>
<td>B</td>
</tr>
<tr>
<td>C</td>
<td>Neighbour of Banu</td>
<td>D</td>
</tr>
</tbody>
</table>

Answer Key -   B
25. Read the following information carefully and answer the question given below.

Anu, Meena, Priya, Banu, Abi and Janu are sitting around a circle facing the centre. Anu, who is sitting to the immediate left of Banu is not the neighbour of Priya. Abi, the neighbour of Priya is not the neighbour of Meena. Janu is sitting between Banu and Meena.

Which of the following statements is FALSE?

<table>
<thead>
<tr>
<th></th>
<th>A. Abi is second to the left of Banu</th>
<th>B. Priya is third to the right of Banu</th>
</tr>
</thead>
<tbody>
<tr>
<td>C. Janu is second to the left of Priya</td>
<td>D. None of these</td>
<td></td>
</tr>
</tbody>
</table>

Answer Key - D

26. In the following question, the given sentence has four parts marked P, Q, R and S. Choose the part of sentence with the error and mark as your answer. If there is no error, mark 'No error (S)' as your answer.

It was not necessary (P) for me to met Kumar, (Q) but I met him. (R) No error (S)

A. P    B. Q
C. R    D. S

Answer Key - B
27. In the following question, the given sentence has four parts marked P, Q, R and S. Choose the part of sentence with the error and mark as your answer. If there is no error, mark 'No error (S)' as your answer.

Priya had come (P)/ to England to pursue (Q)/ a acting career. (R)/ No error (S)
A. P  
B. Q  
C. R  
D. S

Answer Key - C

28. Fill in the blank with most appropriate word which will suit the context of the sentence.

Surya was discouraged that his visa application was ______ due to his six convictions.
A. Lethargic  
B. Endless  
C. Invalidated  
D. Divided

Answer Key - C

29. Fill in the blank with most appropriate word which will suit the context of the sentence.

It is ______ to think that it could possibly snow in the middle of the desert.
A. Logical  
B. Philosophical  
C. Eroding  
D. Ridiculous

Answer Key - D

30. Complete the sentence with the most appropriate word.

Prices vary ______ the quantity ordered.
A. In place of  
B. According to  
C. In front of  
D. In case of

Answer Key - B

31. Complete the sentence with the most appropriate word.

You are free, ______?
A. Aren't you  
B. Haven't you  
C. Wasn't you  
D. Are you

Answer Key - A

32. Choose the correct synonym of the given word from the options given below.

ABANDON
A. Continue  
B. Allow  
C. Begin  
D. Desert

Answer Key - D
### 33. Choose the correct synonym of the given word from the options given below.

**ABUNDANT**

<table>
<thead>
<tr>
<th>A. Plentiful</th>
<th>B. Insufficient</th>
</tr>
</thead>
<tbody>
<tr>
<td>C. Poor</td>
<td>D. Lacking</td>
</tr>
</tbody>
</table>

**Answer Key -** **A**

### 34. Choose the correct synonym of the given word from the options given below.

**CONTAGIOUS**

<table>
<thead>
<tr>
<th>A. Advantageous</th>
<th>B. Harmless</th>
</tr>
</thead>
<tbody>
<tr>
<td>C. Infectious</td>
<td>D. Distraction</td>
</tr>
</tbody>
</table>

**Answer Key -** **C**

### 35. Choose the correct antonym of the given word from the options given below.

**BARREN**

<table>
<thead>
<tr>
<th>A. Empty</th>
<th>B. Fertile</th>
</tr>
</thead>
<tbody>
<tr>
<td>C. Desert</td>
<td>D. Bare</td>
</tr>
</tbody>
</table>

**Answer Key -** **B**

### 36. Choose the correct antonym of the given word from the options given below.

**ACCEPT**

<table>
<thead>
<tr>
<th>A. Gain</th>
<th>B. Take</th>
</tr>
</thead>
<tbody>
<tr>
<td>C. Obtain</td>
<td>D. Reject</td>
</tr>
</tbody>
</table>

**Answer Key -** **D**

### 37. Choose the correct antonym of the given word from the options given below.

**CONCISE**

<table>
<thead>
<tr>
<th>A. Lengthy</th>
<th>B. Brief</th>
</tr>
</thead>
<tbody>
<tr>
<td>C. Short</td>
<td>D. Compact</td>
</tr>
</tbody>
</table>

**Answer Key -** **A**

### 38. Choose the alternative which best expresses the meaning of the idiom/phrase given below.

"Drink like a fish"

<table>
<thead>
<tr>
<th>A. To drink five litres of water everyday</th>
<th>B. To enjoy a day or circumstance</th>
</tr>
</thead>
<tbody>
<tr>
<td>C. To drink excessive amounts of alcohol</td>
<td>D. Hardly drinking any liquid</td>
</tr>
</tbody>
</table>

**Answer Key -** **C**
39. Choose the alternative which best expresses the meaning of the idiom/phrase given below. "See eye to eye"
   A. Be in full agreement  
   B. An event that happens very rarely
   C. Having very clear vision  
   D. Examine both the eyes

   **Answer Key - A**

40. Choose the MISSPELT word.
   A. Incidentally  
   B. Independent
   C. Interrupt  
   D. Irresistable

   **Answer Key - D**

41. Choose the MISSPELT word.
   A. Chaueffer  
   B. Colleague
   C. Committee  
   D. Completely

   **Answer Key - A**

42. Choose from the four options, the word that best substitutes the given phrase.  
   "A strong feeling of dislike or fear of people from other countries"
   A. Cynophobia  
   B. Acrophobia
   C. Astraphobia  
   D. Xenophobia

   **Answer Key - D**

43. Choose from the four options, the word that best defines/substitutes the given phrase.  
   "A person who does not drink alcohol"
   A. Frugalist  
   B. Teetotaller
   C. Gourmet  
   D. Connoisseur

   **Answer Key - B**

44. Choose the correct alternative which will improve the part of the sentence given in quotes.  
   We like children, love their innocence and 'there' inquisitiveness.
   A. They  
   B. Them
   C. Their  
   D. No improvement

   **Answer Key - C**
45. Choose the correct alternative which will improve the part of the sentence given in quotes. The great hall 'was overflew' with people.

A. Was overflowing  
B. Overflown  
C. Overflow  
D. No improvement

Answer Key - A

46. Read the following passage carefully and answer the question given below.

When you plant a seed, does it stay a seed forever? No! Plants and animals grow and change throughout their lives. Many plants begin as seeds. As the seed gets what it needs (water, sunlight, and nutrients from the soil), it begins to grow. The seed turns into a little sprout. It keeps growing until it is a full-grown plant. Then the plant makes new seeds, so that new plants can grow even after the plant grows old and dies. Those seeds will then go through their growth process. Because seeds go through this process over and over again, it is called a life cycle.

Animals also have life cycles. A frog begins as an egg. When the egg hatches, it turns into a tadpole. The tadpoles grow legs and arms, and eventually grow into adult frogs. The adult frogs lay eggs, so that new frogs can live even after the frog grows old and dies. A dog’s life cycle is a little different than a frog’s, because a dog does not start out as an egg. It is born from its mother’s belly. The puppy keeps growing and is eventually an adult dog. Then the adult dog might have puppies to continue the life cycle! Plants and animals don’t stay the same throughout their lives, they grow and change through their life cycle.

Which of the following statements is TRUE?

| A. Only plants have got life cycles | B. A frog is born from its mother’s belly |
| C. For a seed to grow, it needs water | D. All of these |

Answer Key - C
47. Read the following passage carefully and answer the question given below.

When you plant a seed, does it stay a seed forever? No! Plants and animals grow and change throughout their lives. Many plants begin as seeds. As the seed gets what it needs (water, sunlight, and nutrients from the soil), it begins to grow. The seed turns into a little sprout. It keeps growing until it is a full-grown plant. Then the plant makes new seeds, so that new plants can grow even after the plant grows old and dies. Those seeds will then go through their growth process. Because seeds go through this process over and over again, it is called a life cycle.

Animals also have life cycles. A frog begins as an egg. When the egg hatches, it turns into a tadpole. The tadpoles grow legs and arms, and eventually grow into adult frogs. The adult frogs lay eggs, so that new frogs can live even after the frog grows old and dies. A dog’s life cycle is a little different than a frog’s, because a dog does not start out as an egg. It is born from its mother’s belly. The puppy keeps growing and is eventually an adult dog. Then the adult dog might have puppies to continue the life cycle! Plants and animals don’t stay the same throughout their lives, they grow and change through their life cycle.

What is the first stage of a seed when it starts growing?

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<table>
<thead>
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<tbody>
<tr>
<td>A</td>
<td>Tree</td>
</tr>
<tr>
<td>B</td>
<td>Sprout</td>
</tr>
<tr>
<td>C</td>
<td>Full-grown plant</td>
</tr>
<tr>
<td>D</td>
<td>Trunk</td>
</tr>
</tbody>
</table>

Answer Key - B
48. Read the following passage carefully and answer the question given below.

When you plant a seed, does it stay a seed forever? No! Plants and animals grow and change throughout their lives. Many plants begin as seeds. As the seed gets what it needs (water, sunlight, and nutrients from the soil), it begins to grow. The seed turns into a little sprout. It keeps growing until it is a full-grown plant. Then the plant makes new seeds, so that new plants can grow even after the plant grows old and dies. Those seeds will then go through their growth process. Because seeds go through this process over and over again, it is called a life cycle.

Animals also have life cycles. A frog begins as an egg. When the egg hatches, it turns into a tadpole. The tadpoles grow legs and arms, and eventually grow into adult frogs. The adult frogs lay eggs, so that new frogs can live even after the frog grows old and dies. A dog’s life cycle is a little different than a frog’s, because a dog does not start out as an egg. It is born from its mother’s belly. The puppy keeps growing and is eventually an adult dog. Then the adult dog might have puppies to continue the life cycle! Plants and animals don’t stay the same throughout their lives, they grow and change through their life cycle.

Based on the information provided in the passage, which of the following is NOT true?

<p>| | |</p>
<table>
<thead>
<tr>
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<tbody>
<tr>
<td>A</td>
<td>Many plants begin only as a seed</td>
</tr>
<tr>
<td>B</td>
<td>Seeds need sunlight to grow</td>
</tr>
<tr>
<td>C</td>
<td>Animals stay the same throughout their life</td>
</tr>
<tr>
<td>D</td>
<td>None of these</td>
</tr>
</tbody>
</table>

Answer Key - C
49. Read the following passage carefully and answer the question given below.

When you plant a seed, does it stay a seed forever? No! Plants and animals grow and change throughout their lives. Many plants begin as seeds. As the seed gets what it needs (water, sunlight, and nutrients from the soil), it begins to grow. The seed turns into a little sprout. It keeps growing until it is a full-grown plant. Then the plant makes new seeds, so that new plants can grow even after the plant grows old and dies. Those seeds will then go through their growth process. Because seeds go through this process over and over again, it is called a life cycle.

Animals also have life cycles. A frog begins as an egg. When the egg hatches, it turns into a tadpole. The tadpoles grow legs and arms, and eventually grow into adult frogs. The adult frogs lay eggs, so that new frogs can live even after the frog grows old and dies. A dog's life cycle is a little different than a frog's, because a dog does not start out as an egg. It is born from its mother's belly. The puppy keeps growing and is eventually an adult dog. Then the adult dog might have puppies to continue the life cycle! Plants and animals don’t stay the same throughout their lives, they grow and change through their life cycle.

What is the main idea of the passage?

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<tbody>
<tr>
<td>A</td>
<td>Sunlight</td>
</tr>
<tr>
<td>C</td>
<td>A life cycle</td>
</tr>
</tbody>
</table>

Answer Key - C
50. Read the following passage carefully and answer the question given below.

When you plant a seed, does it stay a seed forever? No! Plants and animals grow and change throughout their lives. Many plants begin as seeds. As the seed gets what it needs (water, sunlight, and nutrients from the soil), it begins to grow. The seed turns into a little sprout. It keeps growing until it is a full-grown plant. Then the plant makes new seeds, so that new plants can grow even after the plant grows old and dies. Those seeds will then go through their growth process. Because seeds go through this process over and over again, it is called a life cycle.

Animals also have life cycles. A frog begins as an egg. When the egg hatches, it turns into a tadpole. The tadpoles grow legs and arms, and eventually grow into adult frogs. The adult frogs lay eggs, so that new frogs can live even after the frog grows old and dies. A dog’s life cycle is a little different than a frog’s, because a dog does not start out as an egg. It is born from its mother’s belly. The puppy keeps growing and is eventually an adult dog. Then the adult dog might have puppies to continue the life cycle! Plants and animals don’t stay the same throughout their lives, they grow and change through their life cycle.

What is the tone of the author in the passage?

<table>
<thead>
<tr>
<th>A. Jovial</th>
<th>B. Accusatory</th>
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<tbody>
<tr>
<td>C. Bitter</td>
<td>D. Descriptive</td>
</tr>
</tbody>
</table>

Answer Key - D

51. The sum of seven numbers is 235. The average of the first three is 23 and that of the last three is 42. Find the fourth number.

A. 40       B. 69
C. 126      D. 195

Answer Key - A

52. Two equal sums of money were invested, one at 4% and the other at 4.5%. At the end of 7 years, the Simple Interest received from the latter exceeds to that received from the former by Rs.31.50. Find the sum.

A. Rs.500   B. Rs.750
C. Rs.900   D. Rs.1000

Answer Key - C
<table>
<thead>
<tr>
<th>Question Number</th>
<th>Question</th>
<th>Options</th>
<th>Answer Key</th>
<th>Detailed Answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>53.</td>
<td>The difference between Simple Interest and Compound Interest on a certain sum of money for 2 years at 4% per annum is Rs.1. What is the sum of money?</td>
<td>A. Rs.560</td>
<td>C. Rs.625</td>
<td>The difference</td>
</tr>
<tr>
<td></td>
<td></td>
<td>B. Rs.600</td>
<td>D. Rs.650</td>
<td>between Simple</td>
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<td>Interest and</td>
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<td></td>
<td>Compound</td>
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<td>Interest is</td>
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<td></td>
<td></td>
<td>Rs.1.</td>
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<td></td>
<td>What is the</td>
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<td></td>
<td></td>
<td>sum of money?</td>
</tr>
<tr>
<td>54.</td>
<td>Kailash started a business investing Rs.10000. After five months, Sameer joined with a capital of Rs.6000. If at the end of the year, they earn a profit</td>
<td>A. Rs.1820</td>
<td>A. Rs.1820</td>
<td>The share of</td>
</tr>
<tr>
<td></td>
<td>of Rs.7020, then what will be the share of Sameer in the profit?</td>
<td>B. Rs.2380</td>
<td>B. Rs.2380</td>
<td>Sameer in the</td>
</tr>
<tr>
<td></td>
<td></td>
<td>C. Rs.3690</td>
<td>C. Rs.3690</td>
<td>profit?</td>
</tr>
<tr>
<td></td>
<td></td>
<td>D. Rs.3864</td>
<td>D. Rs.3864</td>
<td></td>
</tr>
<tr>
<td>55.</td>
<td>Srinivas sold an article for Rs.460 and earned a profit of 15%. At what price should it have been sold so as to earn a profit of 20%?</td>
<td>A. Rs.480</td>
<td>A. Rs.480</td>
<td>The price it</td>
</tr>
<tr>
<td></td>
<td></td>
<td>B. Rs.483</td>
<td>B. Rs.483</td>
<td>should have</td>
</tr>
<tr>
<td></td>
<td></td>
<td>C. Rs.485</td>
<td>C. Rs.485</td>
<td>been sold so as</td>
</tr>
<tr>
<td></td>
<td></td>
<td>D. Rs.498</td>
<td>D. Rs.498</td>
<td>to earn a</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>profit of 20%?</td>
</tr>
<tr>
<td>56.</td>
<td>If the centroid of a triangle formed by (7, p), (q, -6), (9, 10) is (6, 3), then (p, q) =?</td>
<td>A. (4, 5)</td>
<td>D. (5, 2)</td>
<td>The centroid of</td>
</tr>
<tr>
<td></td>
<td></td>
<td>B. (5, 4)</td>
<td></td>
<td>a triangle</td>
</tr>
<tr>
<td></td>
<td></td>
<td>C. (-5, -2)</td>
<td></td>
<td>formed by</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td>(7, p), (q, -6),</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>(9, 10) is</td>
</tr>
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<td></td>
<td></td>
<td></td>
<td></td>
<td>(6, 3), then</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>(p, q) =?</td>
</tr>
<tr>
<td>57.</td>
<td>Every 30 minutes, the time of a watch increases by 3 minutes. After setting the correct time at 5 AM, what time will the watch show after 6 hours?</td>
<td>A. 10:54 AM</td>
<td>C. 11:36 AM</td>
<td>The time the</td>
</tr>
<tr>
<td></td>
<td></td>
<td>B. 11:30 AM</td>
<td>D. 11:42 AM</td>
<td>watch will</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>show after 6</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>hours?</td>
</tr>
<tr>
<td>58.</td>
<td>Ram donated 4% of his income to a charity and deposited 10% of the rest in a bank. If, now, he has Rs.8640 left with him, what is the income of Ram?</td>
<td>A. Rs.10000</td>
<td>A. Rs.10000</td>
<td>The income of</td>
</tr>
<tr>
<td></td>
<td></td>
<td>B. Rs.10500</td>
<td>B. Rs.10500</td>
<td>Ram?</td>
</tr>
<tr>
<td></td>
<td></td>
<td>C. Rs.12000</td>
<td>C. Rs.12000</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>D. Rs.12500</td>
<td>D. Rs.12500</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Question</td>
<td>Answer</td>
<td></td>
<td></td>
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<td>---</td>
<td>--------------------------------------------------------------------------</td>
<td>----------</td>
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<td></td>
</tr>
<tr>
<td>59</td>
<td>If $4x + 5y = 83$ and $3x : 2y = 21 : 22$, then $(y - x) = ?$</td>
<td>B. 4</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>A. 3</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>C. 7</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>D. 11</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Answer Key</strong> - B</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>60</td>
<td>The area of a rectangle is $12 \text{ m}^2$ and its length is three times its breadth. What is the perimeter of the rectangle?</td>
<td>B. 16 m</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>A. 14 m</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>C. 18 m</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>D. 24 m</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td><strong>Answer Key</strong> - B</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>61</td>
<td>The average weight of 8 sailors in a boat is increased by 1 kg if one of them weighing 56 kg is replaced by a new sailor. What is the weight of the new sailor?</td>
<td>D. 64 kg</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>A. 57 kg</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>B. 60 kg</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>C. 62 kg</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Answer Key</strong> - D</td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>
62. If \( \sqrt{5^2 \times 14 - 6 \times 7 + (4)^x} = 18 \), then find the value of ‘x’.

<table>
<thead>
<tr>
<th>A. 1</th>
<th>B. 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>C. 3</td>
<td>D. 4</td>
</tr>
</tbody>
</table>

Answer Key - B
63. If \( \frac{2}{3} \times 3 + \frac{1}{3} + 6 \frac{1}{3} = 11 \frac{7}{18} + x \), then find the value of ‘x’.

<table>
<thead>
<tr>
<th>A.</th>
<th>29(\frac{7}{9})</th>
<th>B.</th>
<th>39(\frac{5}{9})</th>
</tr>
</thead>
<tbody>
<tr>
<td>C.</td>
<td>44(\frac{5}{9})</td>
<td>D.</td>
<td>137(\frac{4}{9})</td>
</tr>
</tbody>
</table>

Answer Key - C
64. What is the HCF of \( \frac{4}{9}, \frac{10}{21} \) and \( \frac{20}{30} \)?

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>( \frac{2}{63} )</td>
<td>B</td>
</tr>
<tr>
<td>C</td>
<td>( \frac{6}{23} )</td>
<td>D</td>
</tr>
</tbody>
</table>

Answer Key - A

65. Find the LCM of 15, 20, 36 and 48.

A. 640  B. 720
C. 820  D. 860

Answer Key - B

66. A student was asked to divide a number by 6 and add 12 to the quotient. He, however, first added 12 to the number and then divided it by 6, and got 112 as the answer. What should be the correct answer?

A. 114  B. 118
C. 122  D. 124

Answer Key - C
67. An amount of money is to be distributed among P, Q and R in the ratio 6 : 19 : 7 respectively. If R gives Rs.200 of his share to Q, the ratio among P, Q and R becomes 3 : 10 : 3 respectively. What was the total amount?

A. Rs.3200   B. Rs.6400
C. Rs.8800   D. Rs.10800

Answer Key - B

68. An article was purchased for Rs.78350. Its price was marked up by 30%. It was sold at a discount of 20% on the marked-up price. What was the profit percent on the cost price?

A. 3%   B. 4%
C. 5%   D. 7%

Answer Key - B

69. Find the value of \((2.35)^3 + 1.95 \times (2.35)^2 + 7.05 \times (0.65)^2 + (0.65)^3\)

A. 9   B. 18
C. 27   D. 36

Answer Key - C

70. Akila does a work in 10 days and Babu does the same work in 15 days. In how many days can they do the same work together?

A. 5   B. 6
C. 8   D. 9

Answer Key - B

71. A boy goes to his school from his house at a speed of 3 km/hr and returns at a speed of 2 km/hr. If he takes 5 hours in going and coming, what is the distance between his house and school?

A. 5 km   B. 5.5 km
C. 6 km   D. 6.5 km

Answer Key - C
72. Simplify: \( \frac{\frac{1}{2} \div 4 + 20}{\frac{1}{2} \times 4 + 20} \)

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>25/11</td>
<td>B</td>
<td>81/88</td>
</tr>
<tr>
<td>C</td>
<td>161/176</td>
<td>D</td>
<td>181/176</td>
</tr>
</tbody>
</table>

Answer Key - C
73. **Study the graph and answer the questions.**
Percent of money spent by a family on various items during 2015 is depicted in the diagram below.

If the total amount spent during the year 2015 was Rs.46000, the amount spent on food was-

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>A.</td>
<td>Rs.2000</td>
</tr>
<tr>
<td>B.</td>
<td>Rs.2300</td>
</tr>
<tr>
<td>C.</td>
<td>Rs.10580</td>
</tr>
<tr>
<td>D.</td>
<td>Rs.23000</td>
</tr>
</tbody>
</table>

**Answer Key - C**
74. Study the graph and answer the questions.

Percent of money spent by a family on various items during 2015 is depicted in the diagram below.

![Pie chart showing various percentages of money spent]

The ratio of the total amount of money spent on housing to that of education was:

<table>
<thead>
<tr>
<th>Option</th>
<th>Ratio</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>2 : 5</td>
</tr>
<tr>
<td>B</td>
<td>4 : 5</td>
</tr>
<tr>
<td>C</td>
<td>5 : 2</td>
</tr>
<tr>
<td>D</td>
<td>5 : 4</td>
</tr>
</tbody>
</table>

Answer Key - D
75. **Study the graph and answer the questions.**

Percent of money spent by a family on various items during 2015 is depicted in the diagram below.

![Pie chart showing percentages of money spent on various items]

If the total amount spent was Rs.46000, how much was spent on clothing and housing together?

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>A.</td>
<td>Rs.1150</td>
</tr>
<tr>
<td>B.</td>
<td>Rs.10000</td>
</tr>
<tr>
<td>C.</td>
<td>Rs.11500</td>
</tr>
<tr>
<td>D.</td>
<td>Rs.15000</td>
</tr>
</tbody>
</table>

**Answer Key - C**

76. The expansion of GMT is-

A. Greenwich Morning Time  
B. Great Mean Time  
C. Greenwich Mean Time  
D. Greenwich Mapping Time

**Answer Key - C**

77. Manav Seva award has been instituted in the memory of-

A. Dr. Rajendra Prasad  
B. Rajiv Gandhi  
C. Jawaharlal Nehru  
D. Mahatma Gandhi

**Answer Key - B**
<table>
<thead>
<tr>
<th>Question</th>
<th>Correct Answer</th>
<th>Explanation</th>
</tr>
</thead>
</table>
| 78. Which of the following planets in the solar system has rings around them? | D | All of these | A. Saturn  
C. Neptune  
D. All of these |
| 79. ______ is an instrument used for the measurement of temperature. | B | Thermometer | A. Hydrometer  
C. Pyrometer  
D. Galvanometer |
| 80. ______ is a festival of Punjab. | C | Baisakhi | A. Pongal  
C. Baisakhi  
D. Ugadi |
| 81. With which sport is Abhijeet Gupta associated? | D | Chess | A. Boxing  
B. Lawn Tennis  
C. Cricket  
D. Chess |
| 82. ______ film has been selected to represent India in the Best Foreign Language category at the 90th Academy Awards 2018. | A | Newton | A. Newton  
B. Baahubali 2: The Conclusion  
C. Rangoon  
D. Sachin: A Billion Dreams |
| 83. Which State Government has launched the Mathru Purna scheme aimed at providing free mid-day meals to pregnant women in rural areas? | A | Karnataka | A. Karnataka  
B. Kerala  
C. Andhra Pradesh  
D. Maharashtra |
| 84. Who has been appointed as the brand ambassador of the Swachh Bharat Mission of Uttar Pradesh by Yogi Adityanath? | D | Akshay Kumar | A. Anushka Sharma  
B. Ranbir Kapoor  
C. Alia Bhatt  
D. Akshay Kumar |
<table>
<thead>
<tr>
<th>Question</th>
<th>Description</th>
<th>Options</th>
<th>Answer</th>
<th>Key</th>
</tr>
</thead>
<tbody>
<tr>
<td>85</td>
<td>The &quot;Harijan&quot; was a weekly publication started by-</td>
<td>A. Mohanlal Maganlal Bhatta B. Mahatma Gandhi C. Bhagat Singh D. Gopal Krishna Gokhale</td>
<td>B</td>
<td>Answer Key - B</td>
</tr>
<tr>
<td>86</td>
<td>Abdul Kalam Island, which is India's most advanced missile testing site, is located in-</td>
<td>A. Tamil Nadu B. Odisha C. Kerala D. Maharashtra</td>
<td>B</td>
<td>Answer Key - B</td>
</tr>
<tr>
<td>87</td>
<td>The holy town of Badrinath is located in the State of-</td>
<td>A. Uttar Pradesh B. Madhya Pradesh C. Uttarakhand D. Bihar</td>
<td>C</td>
<td>Answer Key - C</td>
</tr>
<tr>
<td>88</td>
<td>Which is the second capital of Himachal Pradesh?</td>
<td>A. Shimla B. Mandi C. Manali D. Dharamshala</td>
<td>D</td>
<td>Answer Key - D</td>
</tr>
<tr>
<td>89</td>
<td>How many sessions are held in a year in the Parliament of India?</td>
<td>A. Two B. Three C. Four D. Five</td>
<td>B</td>
<td>Answer Key - B</td>
</tr>
<tr>
<td>90</td>
<td>Which of the following portfolio(s) is/are handled by the Cabinet Minister Smriti Irani?</td>
<td>A. Textiles B. Information and Broadcasting C. Both (A) and (B) D. None of these</td>
<td>C</td>
<td>Answer Key - C</td>
</tr>
<tr>
<td>91</td>
<td>The 'Wailing Wall' is located in the city of-</td>
<td>A. Baghdad B. Tehran C. Abu Dhabi D. Jerusalem</td>
<td>D</td>
<td>Answer Key - D</td>
</tr>
<tr>
<td>Question</td>
<td>Statement</td>
<td>Options</td>
<td>Answer Key</td>
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</tbody>
</table>
| 92 | An owl can rotate its head _____ degrees without breaking its blood vessels around the neck. | A. 45  
B. 90  
C. 180  
D. 270 | D | |
| 93 | Which of the following books has been authored by Chetan Bhagat? | A. Five Point Someone  
B. One Night at the Call Centre  
C. 2 States  
D. All of these | D | |
| 94 | Which Article of the Indian Constitution is related with Abolition of Untouchability? | A. Article 20  
B. Article 19  
C. Article 18  
D. Article 17 | D | |
| 95 | Which of the following is the largest Union territory (in terms of area) in India? | A. Daman and Diu  
B. Andaman and Nicobar Islands  
C. Pondicherry  
D. Chandigarh | B | |
| 96 | Which of the following cities is known as the "Temple City" of India? | A. Bhubaneswar  
B. Chennai  
C. Indore  
D. Bhopal | A | |
| 97 | Who among the following discovered penicillin? | A. Louis Pasteur  
B. Alexander Fleming  
C. Robert Hooke  
D. Antonie van Leeuwenhoek | B | |
| 98 | The shortcut key "Windows Key + R" is used to open the- | A. Run dialog box  
B. Task manager  
C. System properties  
D. Start dictation | A | |
99. When is "World Cancer day" observed?
   A. 30th January
   B. 1st February
   C. 4th February
   D. 6th March
   Answer Key - C

100. Jharkhand, Karnataka and Kerala have__________ as their State animal.
    A. Wild buffalo
    B. Lion
    C. Elephant
    D. Deer
    Answer Key - C