Section 1: English

1. He is .... honest man.

   (A) the
   (B) an
   (C) a
   (D) None of the above

2. I reached the airport only after the flight..............

   (A) departed
   (B) was departing
   (C) departs
   (D) had departed

3. Mount Everest is .... than any other peak in the world.

   (A) tall
   (B) taller
   (C) tallest
   (D) None of the above

4. There are toys .... the drawer.

   (A) in
   (B) among
   (C) into
   (D) along

5. The children had never seen such a huge building. – The type of this sentence is ....

   (A) Exclamatory
   (B) Imperative
   (C) Interrogative
   (D) Declarative

6. .... the floods have washed the roads away. (Choose the correct interjection)

   (A) Hurrah !
   (B) Alas !
   (C) Bravo !
   (D) Wow !

7. The student .... the test an hour ago. (Choose the correct voice of the verb)

   (A) was completed
   (B) were completed
   (C) completed
   (D) None of the above

8. Choose the correct Reported speech of the following utterance:

   Our Geography teacher says, "The Earth is spherical in shape".

   (A) Our Geography teacher says that the Earth was spherical in shape.

   (B) Our Geography teacher says that the Earth has been spherical in shape.

   (C) Our Geography teacher says that the Earth is spherical in shape.

   (D) Our Geography teacher said that the Earth had been spherical in shape.

9. He is a good bowler .... a poor batsman. (Choose the correct conjunction)

   (A) and
   (B) but
   (C) so
   (D) or

10. A person who employs another for a work is called an .... (Choose the word with the correct suffix)

    (A) employee
    (B) employist
    (C) employer
    (D) employmentor

Section 2: Mathematics

11. The table below shows the sales of birthday cakes in a bakery.

Number of Cakes	Frequency (Number of Days)
5	x
6	4
7	y
8	2
9	z
10	2

If the total number of cakes sold is 140, then what will be the value of $x + y + z$?

   (A) a common multiple of 5, 7 and 9
   (B) a multiple of 5
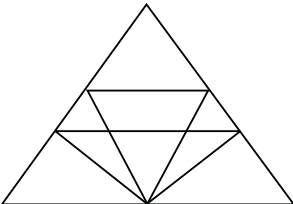   (C) a multiple of 2
   (D) a multiple of $5 + 7 + 9$

12. A rod of uniform thickness is 165 cm long and weighs 5 kg. Find the length of a rod with the same thickness, and made of the same material, that weighs 2 kg.

(A) 68 cm   (B) 66 cm

(C) 65 cm   (D) 10 cm

13. What type of triangle is formed with angles $100°$, $20°$ and $60°$?

(A) acute   (B) obtuse

(C) right   (D) isosceles

14. A car travels 480 km in 6 hours. If it continues at the same speed, how long will it take to travel 640 km?

(A) 7 hours   (B) 7.5 hours

(C) 6.5 hours   (D) 8 hours

15. Ram runs around a square field with a side that is 90 m. Arun runs around a rectangular field with a length of 230 m and a breadth of 55 m. Who covers less distance and by how much?

(A) Ram; 210 m   (B) Arun; 930 m

(C) Ram; 930 m   (D) Arun; 210 m

16. Some students of a school wanted to take part in a Yoga session on International Yoga Day. The students were asked to form groups of 9 but the last group contained fewer than 9 students. However, they could form groups with 3 students in each group. How many students were interested in the yoga session?

(A) 189   (B) 156

(C) 171   (D) 198

17. Subtract the difference between the numbers 72.71 and 38.21 from their sum.

(A) 34.50   (B) 110.92

(C) 145.42   (D) 76.42

18. A number is 3 times another number and their sum is 64. What are the numbers?

(A) 16 and 48   (B) 3 and 61

(C) 4 and 16   (D) none of the above

19. Find the greatest number which when divides 258 and 323 leaves the remainders 2 and 3 respectively.

(A) 128   (B) 32

(C) 64   (D) 129

20. Find the next number in the pattern given below:

6144; 1536; 384; 96;...........

(A) 24   (B) 48

(C) 64   (D) 32

Section 3: Science

21. The bowler throwing the ball to the batsman is an example of.............. motion.

(A) Curvilinear   (B) Oscillatory

(C) Zigzag   (D) Circular

22. Which of these devices measure the weight of a body?

(A) Spring balance   (B) Beam balance

(C) Electronic balance   (D) Analytical balance

23. .... is not a fundamental quantity.

(A) Time   (B) Length

(C) Mass   (D) Weight

24. Which one of the following is NOT a mixture?

(A) Lemon juice   (B) Tincture of iodine

(C) Air   (D) Water

25. A mixture containing iron powder and sulphur powder can be separated using

(A) Hand picking   (B) Winnowing

(C) Magnetic separation   (D) Distillation

26. Which of the following has highest inter particles attraction?

(A) Solid   (B) Liquid

(C) Gas   (D) plasma

27. Normally small sized plants are called herbs. When a mango plant at early stage, it is also small. Can we call it as herb?

(A) Yes, because it is small.

(B) No, it is young so it is small and it can grow further as a big tree.

(C) Yes, if it dies at this stage, it can be called as herb.

(D) No, it does not belong to medicinal plant.

28. Generally pond water appears as green colour. Why?

(A) It is a dirty water, so it apears as green.

(B) Due to algal growth in the water, it appears as green.

(C) No, the pond water never be in green colour.

(D) Nearby plants' shadow makes the pond water as green.

29. A boy in a classroom is often complaining on his next boy. The teacher is suspecting that he is

(A) Mentally unhealthy

(B) socially unhealthy

(C) Physically unhealthy

(D) both (A) and (B).

30. Which one of the following organisms is closely related to housefly?

(A) prawn   (B) earthworm

(C) sparrow   (D) starfish

Section 4: Logical Reasoning

31. The missing number in the sequence:
4, 11, 13, 20, 22, ...?........, 31, 38

(A) 24   (B) 29

(C) 28   (D) 26

32. If 'RIVER' is coded as 'SJWFS', how will you code the word 'OCEAN'?

(A) PDFBO   (B) MDGCO

(C) QEGCP   (D) NAECO

33. The number of triangles in the following figure:

(A) 12   (B) 18

(C) 22   (D) 9

34. If we arrange the alphabets K, X, F, P, Q, S, U, W, Z in descending order then, the letter appear in the middle is ....

(A) P   (B) K

(C) M   (D) S

35. Select the appropriate Venn diagram representing Seconds, Minutes and Hours:

(A)   (B)   (C)   (D)

(A) Diagram   (A)

(B) Diagram   (B)

(C) Diagram   (D)

(D) Diagram   (C)

36. If 'ARGUMENT' is coded as 12345678, how will you code the word 'ENTER'?

(A) 67862   (B) 67682

(C) 7682   (D) 7862

37. The next term in the sequence: 1, 1, 2, 3, 5, 8, 13, 21, ?

(A) 29   (B) 43

(C) 42   (D) 34

38. Find the odd one out:

(A) 755   (B) 615

(C) 316   (D) 275

39. Find the odd man in the series: 1, 4, 9, 16, 25, 37, 49

(A) 9   (B) 16

(C) 37   (D) 49

40. Find the next term in letter sequence: A, I, Q, Y, G, O, ?

(A) W   (B) X

(C) V   (D) U

41. The fastest rotating planet is ....

    (A) Mars   (B) Jupiter

    (C) Mercury   (D) Saturn

42. Who was the first Indian to get pilot license?

    (A) Rajiv Gandhi   (B) JRD Tata

    (C) Rakesh Sharma   (D) Kalpana Chawla

43. Which Indian state capital was known as Pataliputra in ancient times?

    (A) Agartala   (B) Jaipur

    (C) Patna   (D) Chandigarh

44. Which breed of dog takes its name from a region in Canada?

    (A) Dachshund   (B) Terrier

    (C) Greyhound   (D) Labrador

45. American President Joe Biden belongs to Democratic Party in USA. Which is the symbolic animal of that party?

    (A) Donkey   (B) Elephant
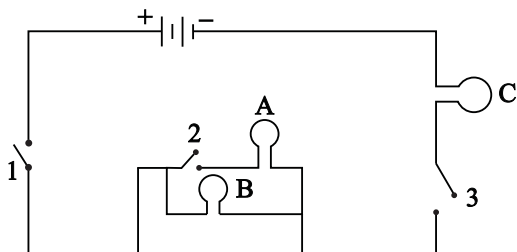
    (C) Bear   (D) Horse

46. Two rectangles have dimensions in the same proportion. The length and breadth of the smaller rectangle are 12 cm and 7 cm, respectively. The length and breadth of the larger rectangle are 60 cm and x cm, respectively. Find the perimeter of the larger rectangle.

    (A) 35 cm   (B) 84 cm

    (C) 150 cm   (D) 190 cm

47. From the following numbers, identify the number that can be expressed as a product of three consecutive prime numbers.
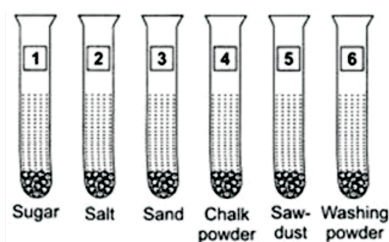
    (A) 165   (B) 675

    (C) 231   (D) 105

48. By closing key 1 and key 3

    (A) Bulb A and Bulb B will glow

    (B) Bulb A and Bulb C will glow

    (C) Bulb B and Bulb C will glow

    (D) No bulb will glow

49. Six test tube are given below

    In which of the above test tubes you will see the particles that will not be dissolved in water on shaking

    (A) 1, 2 and 6

    (B) 3, 4 and 5

    (C) 3, 5 and 6

    (D) 1, 3 and 6

50. Tea and coffee plants are growing on hilly regions only. Why?

    i. On plain land human disturbances are there so they are not growing.

    ii. Hilly regions receive low rainfall, so it is suitable for their growth.

    iii. No grazing animals present on hills, so they are growing well.

    iv. The climate is suitable for their growth at hilly regions.

    (A) i and ii only   (B) ii and iii only

    (C) iii and iv only   (D) iv only.