1. A group of 8 members is sitting in a circle. D is between A & F and is opposite to G. E is to the right of A but on the left of C, whose right hand neighbor is G. B enjoys having H to his left & F to his right. Find out who is diagonally opposite to A.

   a) B  
   b) F  
   c) G  
   d) H

2. Anjali cut a cake into 2 halves & cut one half into smaller pieces of equal size. Each of the small pieces is equal to 20 grams in weight. If she has seven pieces in all with her, what is the weight of the original cake?

   a) 120 Gms  
   b) 140 Gms  
   c) 240 gms  
   d) 280 gms

3. If you are standing at the centre of the dial of a clock looking towards 2 on the dial. Then you turn 150 degrees anti clockwise then turn 210 degrees in clock wise direction which number you are facing now??

   a) 3  
   b) 5  
   c) 6  
   d) 4

4. What is smallest number of ducks that could swim in this formation – two ducks in front of a duck, two ducks behind a duck and a duck between two ducks?

   a) 5  
   b) 9  
   c) 7  
   d) 3

5. How many matches will have to be played in all for deciding the winner, if in all 27 teams are playing in the tournament?

   a) 27  
   b) 23  
   c) 26  
   d) 25

6. Please identify how many maximum triangles are possible in the diagram enclosed herewith.

   a) 5  
   b) 12  
   c) 13  
   d) 15

7. Who will remain not out batsman if in cricket match one wicket was lost as clean bowled for every one of the first 10 balls bowled?

   a) 2nd in order  
   b) 10th in order  
   c) 6th in order  
   d) 8th in order

8. Please identify how many maximum numbers of unique-squares are possible in the diagram enclosed herewith. That has squares as the smallest form arranged as specified below

   1 1 1  
   1 1 1  
   1 1 1  

   a) 15  
   b) 14  
   c) 13  
   d) 16
9. Find the square root of the following sum:
Square root of 10609 is equal ------ x . Then x is
   a) 107      b) 102      c) 103      d) 105

10. Rewrite this addition with digits. What is the value of DKD
    \[
    \begin{array}{c}
    A \ D \\
    + \quad D \ K \\
    \hline
    D \ K \ D
    \end{array}
    \]
    a) 909      b) 101      c) 141      d) 202

11. 91 decimeters is same as how many meters
    a) 0.91 meters  b) 910 meters  c) 0.091 meters  d) 9.1 meters

12. While buying 10 meters cloth you were given only the 10 yards length. How
    much you have received less as %?
    a) 0.86 %      b) 8.6 %      c) 0.086 %      d) 86.00 %

13. Which is the next number in the sequence 4, 11, 31, 89, 259, ------?
    a) 592      b) 676      c) 692      d) 761

14. Letters A, B, C are used for separate digits. The number ACAC is 90 times of
    the number BCB. Which is the number ABAB??
    a) 9090      b) 9100      c) 9191      d) 9010

15. Find the sum of all the numbers from 1 to 100 both inclusive.
    a) 5005      b) 5010      c) 5050      d) 5100

16. A toy is sold at 15 % profit based on cost but if the selling price increased by 40
    rupees then the profit would be 25 %. What is the cost price of the toy in
    rupees?
    a) 300      b) 400      c) 350      d) 460

17. 7 % of 2600 is same as 13 % of X. Then what is the value of X??
    a) 1600      b) 1400      c) 1800      d) 1500

18. It is observed in a four digit car number that the middle two digits are the same.
    Its unit place is a product of middle two digits and the sum of all four digits is
    23. Find the number of the car.
    a) 9224      b) 8339      c) 9339      d) 8773
19. Find the next number in the series as specified below:

446, 535, 624, 713 ---------------

a) 805  b) 802  c) 903  d) 902

20. 2% of a heavy weight is measuring to 2 kilo grams then the total weight is:

a) 2200 kgs  b) 2.02 quintal  c) 2020 kgs  d) 1 quintal

21. Arrange the following fractions in Ascending order:

1) 7 / 12  2) 3 / 16  3) 14 / 13  4) 9 / 32

a) 1,2,3,4  b) 2,4,1,3  c) 4,2,1,3  d) 3,4,1,2

22. A sum of 188 was distributed to A, B, C, and D in such a way that A & B together received 108, A & C together received 100, A & D together received 92. Find out how much was received by D?

a) 86  b) 46  c) 56  d) 36

23. Some articles of equal cost were purchased for total of 483 rupees. The number of articles purchased was 2 less than the rupee cost of the articles each. How much was the cost per article in rupees?

a) 27  b) 23  c) 21  d) 29

24. How many times the digit 2 will be used if one were to give page numbers from 1 to 250?

a) 89  b) 75  c) 91  d) 98

25. The train running at a speed of 60 Km per hour reaches half an hour earlier than the train running at a speed of 50 Km per hour. Find the distance between the two places.

a) 110 Km  b) 150  c) 165  d) 105
SECTION-II : MAT

1. In which country would one find 8 of the world's 10 highest mountains?

   1) Nepal  2) Pakistan  3) India  4) Myanmar

2. Which country is bordered by both the Atlantic and Indian Oceans?

   1) Ghana  2) Republic of South Africa  3) Nigeria  4) India

3. What is Triskaidekaphobia?

   1) Fear of the number 13  2) Fear of Heights  3) Fear of Spiders  4) Fear of Water

4. What does a numismatist do?

   1) Collects coins  2) Collect stamps  3) Collect matchboxes

5. Who was the supreme Greek god?

   1) Zeus  2) Thor  3) Poseidon  4) Hades

6. Name this Indian Tennis player who has turned Hollywood filmmaker?

   1) Leander Paes  2) Mahesh Bhupathi  3) Vijay Amritraj  4) Ashok Amritraj

7. Thumba in Kerala is most famous because, it has -------

   1) Several industries  2) Rocket launching station  3) Harbour  4) International airport

8. The 'Dronacharya Award' is given to...?

   1) Sportsmen  2) Coaches  3) Umpires  4) Sports Editors

9. What is the full form of the "APJ" in Dr. Kalam's name?


10. Who is popularly known as 'Father of Indian Constitution'?

    1) Jawaharlal Nehru  2) B.R.Ambedkar  3) Mahatma Gandhi  4) Bal Gangadhar Tilak
11. Who was India's first deputy Prime Minister?

12. Whose bow did King Janaka make each of Sita's suitors try to string?
   1) Vishnu's  2) Janaka's  3) Lakshmana's  4) Shiva's

13. Name the holy book of the Parsis.
   1) Zend Avesta  2) Bible  3) Guru Granth Sahib  4) Koran

14. In 1879, Edison successfully tested the incandescent light. What did he use for a filament?
   1) Burned sewing thread  2) Hair from a horse tail  3) Copper wire  4) Bamboo

15. Who is the author of the best selling “The Dilbert Principle”?
   1) Scott Adams  2) Philip Kotler  3) W. Wamuelson  4) Steven Covey

16. Bharat Petroleum Corporation Ltd. has nominated as its brand ambassador for its high performance petrol product “Speed”.
   1) Sachin Tendulkar 2) Brian Lara  3) Narain Karthikeyan  4) Rahul Dravid

17. Who brought back the legendary sword of Tipu Sultan to India at auction in London
   1) Govt. of India  2) Govt. of Karnataka  3) Vijay Mallya  4) Amar Singh

18. What does XML stand for?
   1) Extreme Mark up Language  2) Extensive Media Language  3) Xtreme Market Line  4) Extensible Markup Language

19. The author of the Lord of the Rings Trilogy is
   1) J. K. Rowling  2) Roald Dahl  3) JRR Tolkien  4) Enid Blyton

20. DVD stands for
   1) Direct Video Disc  2) Digitally Very Demanding  3) Digital Versatile Disc  4) Digital Video in Demand

21. Where did India play its 1st one day international match?
   1) Lords  2) Headingley  3) Taunton  4) The Oval
22. Which is a type of Electrically-Erasable Programmable Read-Only Memory?
   1) Flash    2) Flange    3) Fury    4) FRAM

23. What supermodel was in Remake of Billy Joel Song “Up Town Girl" by Westlife?
   1) Claudia Scheiffer   2) Christie Brinkley   3) Christy Turlington   4) Laticia Casta

24. In the United States the television broadcast standard is...?
   1) PAL    2) NTSC    3) SECAM    4) RGB

25. The governors of the states in India are appointed by
   1) President of India   2) Prime Minister of India   3) Party Secretary   4) Home Minister