Q.1 Find the next term in the given series in each of these questions.

1. 198, 194, 185, 169, ……..
   (1) 136   (2) 144
   (3) 112   (4) 92

2. 198, 202, 211, 227, ……..
   (1) 210   (2) 212
   (3) 252   (4) 27

3. 125, 80, 45, 20, ……..
   (1) 8     (2) 12
   (3) 10    (4) 5

4. 5, 7, 9, 11, 13, ……..
   (1) 15    (2) 10
   (3) 8     (4) 6

5. 0, 2, 6, 12, 20, ……..
   (1) 38    (2) 30
   (3) 45    (4) 60

6. 35, 30, 25, 20, 15, 10, ……..
   (1) 15    (2) 10
   (3) 5     (4) 2

7. 5, 6, 8, 9, 11, ……..
   (1) 15    (2) 12
   (3) 17    (4) 20

8. 6, 9, 7, 10, 8, 11, ……..
   (1) 12    (2) 13
   (3) 9     (4) 14

Q.2 In these questions, some relationships have been expressed through symbols shown below:

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>$\phi$</td>
<td>means less than</td>
</tr>
<tr>
<td>$\Delta$</td>
<td>means not greater than</td>
</tr>
<tr>
<td>$-$</td>
<td>means equal to</td>
</tr>
<tr>
<td>$+$</td>
<td>means not equal to</td>
</tr>
<tr>
<td>$\times$</td>
<td>means not less than</td>
</tr>
<tr>
<td>$=$</td>
<td>means greater than</td>
</tr>
</tbody>
</table>

Study the meanings of these symbols and pick up the correct answer from the answer choice for each of the questions 9 to 15.

9. $\times \phi y + z$ implies
   (1) $x - y = z$     (2) $\times x y - z$
   (3) $\Delta y x z$  (4) $\times - y x z$
10. \( \times \phi y - z \) implies
   (1) \( \times x y - z \)
   (2) \( x - y x z \)
   (3) \( x + y x z \)
   (4) \( x y = z \)

11. \( x - y + z \) implies
   (1) \( x + y + z \)
   (2) \( \times \phi y - z \)
   (3) \( x - y \phi z \)
   (4) \( x y = z \)

12. \( x - y = z \)
   (1) \( x + y - z \)
   (2) \( \times \Delta y x z \)
   (3) \( x + y \phi z \)
   (4) \( \times - y x z \)

13. \( x \Delta y - z \) implies
   (1) \( \times = y x z \)
   (2) \( \times - y = z \)
   (3) \( \times - y \Delta z \)
   (4) \( \times x y x z \)

14. \( \times = y \Delta z \) implies
   (1) \( \times + y \phi z \)
   (2) \( \times - y = z \)
   (3) \( \times \Delta y x z \)
   (4) \( \times \Delta y - z \)

15. \( \times + y = z \) implies
   (1) \( \times \phi y = z \)
   (2) \( \times = y = z \)
   (3) \( \times \Delta y x z \)
   (4) \( \times \Delta y = z \)

The following table shows the IQ test results done by a voluntary health organization in these schools

<table>
<thead>
<tr>
<th>Schools</th>
<th>Boys</th>
<th>Girls</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>70-100</td>
<td>100-120</td>
</tr>
<tr>
<td>A</td>
<td>47</td>
<td>36</td>
</tr>
<tr>
<td>B</td>
<td>52</td>
<td>45</td>
</tr>
<tr>
<td>C</td>
<td>10</td>
<td>54</td>
</tr>
<tr>
<td>D</td>
<td>49</td>
<td>50</td>
</tr>
<tr>
<td>E</td>
<td>32</td>
<td>73</td>
</tr>
<tr>
<td>F</td>
<td>24</td>
<td>19</td>
</tr>
</tbody>
</table>

16. In which of the following schools the students whose IQ lies between 120 to 150 are maximum?
   (1) B  (2) E  (3) F  (4) C  (5) A

17. What is the average no. of girl students whose IQ lies between 100-120?
   (1) 180/60  (2) 210/6  (3) 205/6  (4) 240/6  (5) 215/6

18. Average no. of boys whose IQ lies between 120-150 is what per cent of average no. of girls whose IQ lies between 12-150?
   (1) 99%  (2) 104%  (3) 86%  (4) 107%  (5) 111%

19. The no. of students of school B whose IQ lies between 70-120 is what percent of the total students of that school?
   (1) 83.40%  (2) 69%  (3) 75.60%  (4) 91%  (5) 82.60%

20. In which of the following schools the percentage of girl students whose IQ lies between 100-120 is maximum w.r.t. the total students of that school?
   (1) A  (2) C  (3) D  (4) E  (5) F
SECTION-II : MAT

S–II

1. What is the folk dance of Meghalaya?
   (1) Nati   (2) Loño
   (3) Bamboo Dance   (4) Khasi

2. ‘Peace on Earth’ is the message of which of the following festivals?
   (1) Diwali   (2) Christmas
   (3) Dussehra   (4) Holi

3. Which place is known as the queen of Arabian Sea?
   (1) Kochi   (2) Allapuzha
   (3) Gujarat   (4) Mumbai

4. Betwa river joins the
   (1) Ganga   (2) Yamuna
   (3) Brahmaputra   (4) Son

5. The monument erected in honour of a person buried elsewhere is called
   (1) Cenotaph   (2) Epitaph
   (3) Epitocen   (4) Sanaphone

6. Which creature in Greek Mythology has the arms, shoulders and head of a man, while
   the body and the legs that of a horse?
   (1) Cenotes   (2) Apollo
   (3) Archilles   (4) Cupid

7. ‘India Band Equity Fund’ was established in the year
   (1) 1992   (2) 1999
   (3) 2000   (4) 1995

8. The term ‘Bond with the best’ is related to which product?
   (1) Reid & Taylor   (2) Allwyn
   (3) Pepsi   (4) Maruti-Alto

9. Brand name YKK is related to which product?
   (1) Zip   (2) Motorcycle
   (3) Shirt   (4) Polish

10. One rupee note bears the signature of
    (1) Governor of the Reserve Bank   (2) Finance Minister
    (3) Secretary, Ministry of Finance   (4) Dy. Governor - RBI

11. Recently ‘Bank of Madura’ merged with which bank?
    (1) Bank of Baroda
    (2) ICICI Bank
    (3) State Bank of India
    (4) HDFC Bank

12. Name the brand that advertises itself, with the slogan ‘The vision of sound’.
    (1) Samsung TV   (2) Thomson TV
    (3) Sansui TV   (4) BPL TV
13. Ferozabad in UP is famous for its
   (1) Toy industries   (2) Glass industries
   (3) Leather industries   (4) Cotton industries

14. Quetzal is the currency of
   (1) Guatemala   (2) West Indies
   (3) Ghana   (4) Libia

15. 7 O’clock safety razor blade is being manufactured by
   (1) Indian Shaving Products Ltd.
   (2) Sensor Excel Shaving Products Ltd.
   (3) Gillette
   (4) Tata Group

16. What does ‘Super 301’ agreement of USA deal with?
   (1) The trade relations between the interested countries.
   (2) Removal of poverty from the third world.
   (3) Petro-products price control
   (4) None of these

17. The brand ‘Antiquity’ is associated with
   (1) Whisky   (2) Credit card
   (3) T-Shirt   (4) Writing Ink

18. Which was the first Indian novel in English?
   (1) The Motherland   (2) Rajmohan’s wife
   (3) Geetanjali   (4) My Daughters

19. Gopichand is associated with which game/sport?
   (1) Badminton   (2) Shooting
   (3) Tennis   (4) Relay

20. Which country’s flag has AK-47 on it?
   (1) Congo   (2) Sudan
   (3) Bhutan   (4) Afghanistan
1. Which of the following statement is not true regarding the World Cup Cricket 2003 held in March 2003?
   a) The four semi finalist teams were – India, Australia, Sri Lanka and England.
   b) Australian & Indian teams played the final match.
   c) Australia won the World Cup finals.
   d) Sachin Tendulkar won the ‘Golden Bat’ and ‘Man of the Tournament’ in the world cup.
   e) Australia won the World Cup for the third time.

2. Sitar maestro Pt. Ravi Shankar’s American daughter Norah Jones won how many Grammy awards at the 45th Annual Grammy Awards in February 2003 in Washington?
   a) 3  b) 5  c) 7  d) 8  e) 9

3. Which of the following PSUs emerged as the top profit making Public Sector Company during 2001-02?
   a) ONGC  b) NTPC  c) BSNL  d) Indian Oil  e) NPC

4. Which of the following country became the world’s largest producer of sponge iron during 2002?
   a) Venezuela  b) India  c) Iran  d) Mexico  e) Nigeria

5. Who among the following won the critics best actress award at the 48th Filmfare awards held in Mumbai?
   I) Aishwarya Rai
   II) Rani Mukherjee
   III) Raveena Tandon
   IV) Manisha Koirala
   Choose the answer from the following options
   a) a & c  b) b  c) c & a  d) b & d  e) d

6. Who among the following sector is the new Prime Minister of China?
   a) Hu Jintao
   b) Zhu Rongji
   c) Wen Jiabao
   d) Li Peng
   e) None of these

7. Which of the following sector is the biggest water user?
   a) agriculture  b) domestic  c) industry  d) electricity  e) None of these
8. Manik Sarkar is the Chief Minister of
   a) Meghalaya  b) Tripura  c) Jharkhand  d) Mizoram  e) None of these

9. Where is the second agro-food park being set up in Rajasthan?
   a) Ranpur  b) Jaipur  c) Pali  d) Jodhpur  e) Boranada

10. Who among the following is the head of the task force on education set up in February 2003 to examine education related contentious issues?
    a) Arun Nigvekar  b) K. Harinarayana  c) Rupa B. Shah  d) Ashok Ganguly  e) Anand Sarup

11. Who has been presented the Sulabh Global Sanitation Award in March 2003?
    a) WHO  b) UNESCO  c) UNICEF  d) FAO  e) World Water Agency

12. SBI life is a joint venture between State Bank of India and
    a) LIC  b) UTI  c) Cardif S.A. (France)  d) ICICI  e) None of these

13. Who among the following won the Antwerp Open tennis tournament held in February 2003?
    a) Venus Williams  b) Serena Williams  c) Kim Clijsters  d) Lindsay Davenport  e) None of these

14. ‘My Passage from India’ is an autobiography of
    a) V.S. Naipaul  b) Ismail Merchant  c) Vikram Seth  d) Salman Rushdie  e) None of these

15. The portrait of which of the following leader was unveiled in the Central Hall of Parliament in February 2003?
    a) Vivekananda  b) Lala Hardayal  c) Madan Mohan Malviya  d) V.D. Veer Savarkar  e) None of these

16. Which of the following statement is false regarding the Air-India?
    a) It is the national carrier of India for international flights.
    b) The Union Govt. has approved the VRS for Air India.
    c) Air India has 650 staff per plane.
    d) Air India has the highest manpower-aircraft ratio in the world.
    e) None of these.
17. Which of the following country has deported mafia don Dawood Ibrahim’s brother Iqbal Hasan Sheikh and his accomplice Ijaz Pathan, wanted for 1993 Mulai Leval blasts, to India?

a) Saudi Arabia  b) Jordan  c) UAE  d) Algeria  e) None of these

18. Which of the following Indian has been ranked 10th in Forbes list of the 10 Most Powerful Billionaires?

a) Mukesh Ambani  
b) Narayana N. Murthy  
c) Azim Premji  
d) Amitabh Bachchan  
e) None of these

19. Where was “tenchol” brocade developed?

a) Varanasi  b) Dhaka  c) Surat  d) Tanjavar

20. Who was the first Indian to make a movie?

a) Dhundiraj Govind Phalke  b) H.S. Bhatwadekar  
c) Ardeshir Irani  d) V. Shantaram
In each of the following questions, the first two words (given in italics) have a definite relationship. Choose one word / pair out of the given four alternatives, which will fill in the blank space and show the same relationship with the third word as between the first two.

21. Constitution is to Amendment as Book is to ………………?
   a) Errata       b) Contents       c) Preface       d) Acknowledgement

22. Steel is to Bokaro as Hosiery is to ………………?
   a) Madras       b) Patna          c) Vishakhapatnam d) Ludhiana

23. knife:Chopper
   a)Walking: Fitness   b) Swim : Float c) Scissors: Cloth d) Quilt : Blanket

24. Cloth: Texture
   a)Body:Weigh      b) Silk: Cloth   c) Wood: Grains   d) Ornaments: Gold

25 Evaporation : Cloud
   a)Mountain :Show b) Pressure: Atmosphere c) Book : Pages d) Tension :Breakdown

26 In a certain code TRIungle is written as SQHOOKD. How is DISPOSE written in that code ?
   a)CHRONRD b)DSOESPT c)ESJTPTF d) ESOPSID e) None of these

27. In a certain code COMPUTER is written as RFUVQNPC.  How is MEDICINE written in the same code ?
   a)EOJDJEFM b) EOJDEJFM c) MFEJDJOE d) MFEDJJJOE e) None of these

28 If in a certain language FASHION is coded as FOIHSAN, how is PROBLEM coded in that code ?
   a)ROBLEPM b) PELBORM c) PRBOELM d) RPBOELM e) PELBROM

29In a certain code, PAPER is written as SCTGW. How is MOTHER written in that code?
   a)QRVLGW b) PQVJGT c) PQXJIT d) PQXKJV e) None of these

30. If in a certain language, POPULAR is coded as QPQVMBS which word would be coded as GBNPVT?
SECTION-II : MAT

S–II

In these questions, letters A, B, C, D, E and F are to be arranged in a sequence from left to right under the following conditions:

- Letters E and D have to be placed adjacent to each other.
- A has to be placed to the left of E
- B and F should not be adjacent to each other
- A has to be placed to the right of B.
- C has to be placed to the immediate right of A.

1. Which of the following is a valid combination?
   a) BACDEF  b) FBACDE  c) EDBACF  d) ACFEDB

2. If the letter A is placed at the second position from the left, how many valid sequences are possible?
   a) 6  b) 4  c) 9  d) 20

3. If the letter A is placed at the third position from the left, how many valid sequences are possible?
   a) None  b) 4  c) 2  d) 6

4. If letters C and D are placed adjacent to each other, how many valid sequences are possible?
   a) 4  b) 2  c) 1  d) 0

5. Which of the following is true?
   a) Letter B may not occupy the first position from the left.
   b) Letter C can occupy the second position from the left.
   c) Letter D can occupy fourth, fifth or sixth position from the left.
   d) Letter F can occupy first or second position from the left.

6. A man is facing south. He turns 135° in the anticlockwise direction and then 180° in the clockwise direction. Which direction is he facing now?
   a) North-east  b) North-west  c) South-east  d) South-west

7. A group of 8 members sit in a circle. D is between A and F and is opposite to G. E is to the right of A but on the left of C, whose right hand neighbour is G. B enjoys having H to his left and F to his right. Find the member who is diagonally opposite to A.
   a) B  b) F  c) G  d) H
Study the given information carefully and answer the questions that follow-

i) A, B, C, D, E, F and G are sitting on a wall and all of them are facing east.
ii) C is on the immediate right of D.
iii) B is at an extreme end and has E as his neighbour.
iv) G is between E and F
v) D is sitting third from the south end.

8. Who is sitting to the right of E?
   a) A  b) C  c) D  d) F  e) None of these

9. Which of the following pairs of people are sitting at the extreme ends?
   a) AB  b) AE  c) CB  d) FB  e) None of these

10. Name the person who should change the places with C such that he gets the third place from the north end.
    a) E  b) F  c) G  d) D

11. Immediately between which of the following pairs of people is D sitting?
    a) AC  b) AF  c) CE  d) FB  e) None of these

12. Which of the conditions (i) to (v) given above is not required to find out the place in which A is sitting?
    a) (i)  b) (ii)  c) (iii)  d) All are required  e) None of these

13. 
    Jade is related to Green in the same way as Druggist is related to ___________
    a) Blue  b) Orange  c) Red  d) Yellow

14. 
    Dancer is related to Stage in the same way as Minister is related to ____________
    a) Pulpit  b) Assembly  c) Parliament  d) State

15. Import : Export : : Expenditure :  ?
    a) Deficit  b) Revenue  c) Debt  d) tax

    a) River  b) Canal  c) Glacier  d) Avalanche

17. If ROBUST is coded as QNATRS in a certain language, which word would be coded as GBNPVT?
    a) YWBLO  b) YYBNO  c) AWDLQ  d) AYDNQ  e) BZEOR

18. If in a certain language, UTENSIL is coded as WVGPUKN, which word would be coded as DMSFXG?
    a) BKQEVE  b) BKQDWE  c) BKQDWF  d) BKQDFV  e) BKQDVE
19. If DELHI is coded as 73541 and CALCUTTA as 8258962, how can CALICUT be coded?
   a) 5279431  b) 5978213  c) 8251896  d) 8543691

20. If the letters in PRABA are coded as 27595, and THILAK are coded as 368451, how can BHARATHI be coded?
   a) 37536689  b) 57686535  c) 96575368  d) 96855368

21. If banana is apple, apple is grapes, grapes is mango, mango is nuts, nuts is guava, which of the following is a yellow fruit?
   a) Mango  b) Guava  c) Apple  d) Nuts  e) Grapes

22. If air is called green, green is called blue, blue is called sky, sky is called yellow, yellow is called water and water is called pink, then what is the colour of clear sky?
   a) Blue  b) sky  c) Yellow  d) Water  e) Pink

23. A bird shooter was asked how many birds he had in the bag. He replied that there were all sparrows but six, all pigeons but six, and all docks but six. How many birds had he in all?
   a) 9  b) 18  c) 27  d) 36

24. What is the 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) 3  b) 5  c) 7  d) 9

25. Aruna cut a cake into two halves and cuts one half into smaller pieces of equal size. Each of the small pieces is twenty grams in weight. If she has seven pieces of the cake in all with her, how heavy was the original cake?
   a) 120 gm  b) 140 gm  c) 240 gm  d) 280 gm  e) None of these
SECTION-II : MAT

S–II

1. Who was the 1st runner up at Miss Universe 2004?
a) Miss Australia       b) Miss USA       c) Miss India       d) Miss Venezuella

2. In which country IIFA Award held this year?
a) South Africa       b) India       c) Singapore       d) Malasiya

3. Who was the costume designer for film “Gandhi” who also won the Academy Award for Best Costume?
a) Nita Lulla       b) Kachins       c) Bhanu Athaiya       d) Manish Malhotra

4. “Simply Irresistible” is a business slogan of
a) Park Avenue       b) Parx       c) Zodiac       d) Louis Phillipe

5. DVD Stands for-
a) Direct Video Disc   b) Digitally Very Demanding
c) Digital Versatile Disc   d) Digital Video in Demand

6. Who was the highest wicket taker in Samsung Test Series between India & Pakistan?
a) Anil Kumble       b) Irfan Pathan       c) L. Balaji       d) Shoaib Akhtar

7. Who is the Union Textiles Minister of India?
a) Natwar Singh       b) Laloo Prasad       c) Shahnawaz Hussain       d) Shankar Singh Waghela

8. “My Life” is an autobiography of -
a) Bill Clinton       b) Saddam Hussain       c) George Bush       d) A. B. Vajpayee

9. “Breathe Easy” is associated with -
a) Blue Star       b) Carrier       c) Voltas       d) LG

10. “Windsor” is a product of-
a) Liberty       b) Action       c) Power       d) Reebok

11. Uber Cup is associated with-
a) Cricket       b) Hockey       c) Archery       d) Football

12. The present President of Iraqui Governing Council is-
a) Ayatollah Mohammad       b) Abdul-Aziz-Al-Hakim
c) Paul Bramer       d) Abdul Saleh

13. India’s first export promotion zone to be declared a free trade zone is-
a) Santacruz       b) Kandla       c) Noida       d) Fahta

14. “Lakme India Fashion Week” is organized by-
a) F.D.C.I.       b) F.D.I.       c) A.E.P.C.       d) Govt. of India

15. OTIS is brand name for-
a) Baby food       b) Race Cars       c) Cellular Phones       d) Lifts & Elevators
16. The prime accused of the Sari Stampede deaths in Lucknow in U.P. is-
   a) Lalji Tandon  b) Kalraj Mishra  c) Atal Bihari Vajpayee  d) Kalyan Singh

17. As per W.H.O. Report, the place where the Bird Fleece got transmitted to the human being-
   a) China  b) Japan  c) Singapore  d) Thiland

18. Miss India-World 2004 crown was taken back from-
   a) Vijayata Pandit  b) Sunita Brahmin  c) Tanushree Dutta  d) Laxmi Pandit

19. Who translated Kalidasa’s “Shakuntala” in to English?

20. The government of which of the following states has submitted a proposal to UNESCO to declare the state a heritage state?
   a) Chhatisgarh  b) Chandigarh  c) Jharkhand  d) Sikkim

21. Who brought back the legendary sword of Tipu Sultan to India at auction in London by paying Rs.1.5 Crore.
   a) Govt. of India  b) Govt. of Karnataka  c) Vijay Mallya  d) Amar Singh

22. Where the “Simhastha Kumbh” held this year?
   a) Indore  b) Ujjain  c) Nashik  d) Allahabad

23. Bharat Petroleum Corporation Ltd. has nominated as its brand ambassador for its high performance petrol product ‘Speed’.
   a) Sachin Tendulkar  b) Brian Lara  c) Narain Karthikeyan  d) Rahul Dravid

24. “Perfect Radiance” is a range expert Skin-care Solutions from-
   a) Fair & Lovely  b) Lakme  c) Garnier  d) Himalaya

25. Who is the Editor of “Femina”?
   a) Malavika Sanghvi  b) Sathya Saran  c) Hema Malini  d) Karan Thapar
1. The book ‘India & America’ is written by-
   a) J. N. Dixit     b) Arun Shourie     c) Kuldip Nayar     d) K. R. Narayanan

2. Who is the first bowler to take more than 500 test wickets?
   a) Glenn McGrath   b) Wasim Akram   c) Shane Warne   d) Courtney Walsh

3. Name the commission which has been constituted to probe Tehelka expose.
   a) Venkatswami Commission   b) Nanawati Commission   c) Srikrishna Commission   d) Tehelka Review Commission

4. Name the autobiography of the former Russian President Boris Yeltsin.
   a) Midnight Diaries   b) Rising Sun   c) The Otherness of Self   d) Unforgettable moments

5. Russell Crowe has won the Oscar for acting in
   a) Crouching Tiger, Hidden Dragon   b) Gladiator   c) Erin Brockovich   d) Traffic

6. Each judge of the fast-track court is expected to dispose of at least how many cases every month?
   a) 24   b) 18   c) 14   d) 50

7. The sex ratio in India as per the 2001 Census is
   a) 933:1000   b) 1058:1000   c) 927:1000   d) 961:1000

8. Nanawati Commission is associated with inquiring into the
   a) Review of the Constitution   b) Anti-Sikh riots in 1984   c) Defencegate Scandal   d) None of these

9. Stephen Hawking, who visited India in 2001 is a famous
   a) Historian   b) Author   c) Physicist   d) Economist

10. Azim Hasam Premji is the Chairman of the
    a) Reliance Group of Industries   b) H.D.E.C.   c) Wipro Group of Industries   d) J. K. Group of Industries   e) Times Bank

11. Who among the following is the creator of the famous stage show, Adrak Ke Panje?
    a) Nadira Babbar   b) Salim Javed   c) Ketan Mehta   d) Nida Fazli   e) Babban Khan

12. Which of the following is observed as the International Day for Persons with Disabilities?
    a) Dec. 9   b) Nov. 9   c) Dec. 3   d) Dec. 2

13. Which of the following is a rich source of Iron?
    a) Carrot   b) Beetroot   c) Green Peas   d) Spinach   e) None of these
14. Which of the following is the largest producer of tea in the world?
   a) China   b) India   c) Sri Lanka   d) None of these

15. What does XML stands for?
   a) Extreme Mark up Language   b) Extensive Media Language
   c) Xtreme Market Line   d) Extensible Markup Language

16. The CEO of the Information-Technology industry responsible for taking the company into NASDAQ
   a) N. Narayanmurthy   b) Jagmohan Dalmiya
   c) Azim Premji   d) Rahul Bajaj

17. The Indian born steel giant CEO operating from United Kingdom.
   a) Laxmi Mittal   b) Vijaya Mallya   c) Ratan Tata   d) Nasli Wadia

18. The Nobel Prize was started in the year-
   a) 1908   b) 1901   c) 1896   d) 1914

19. The Indian Military Academy is situated at-
   a) Delhi   b) Dehradun   c) Simla   d) Bangalore   e) none of these

20. The world's highest ground based telescopic observatory is located in
   a) Colombia   b) India   c) Nepal   d) Switzerland

21. India has the maximum volume of foreign trade with-
   a) USA   b) Japan   c) Germany   d) UAE

22. The sea coast of which one of the following states has become famous as a nesting place for the giant Olive Ridley Turtles from South America?
   a) Goa   b) Gujarat   c) Orissa   d) Tamilnadu

23. Chapchar Kut is the festival celebrated in the state of-
   a) Arunachal Pradesh   b) Assam   c) Mizoram   d) Sikkim

24. The President of Indian National Congress at the time of partition of India was
   a) C. Rajagopalachari   b) J. B. Kripalani
   c) Jawaharlal Nehru   d) Maulana Abul Kalam Azad

25. Five Year Plan in India is approved by
   a) Union Cabinet   b) President on the advice of Prime Minister
   c) Planning Commission   d) National Development Council
1. In a certain code, RIPPLE is written as 613382 and LIFE is written as 8192, how PILLAR is written in that code?
   a) 318826  b) 318286  c) 618826  d) 338816

2. If in a certain code, TWENTY is written as 863985 and ELEVEN is written as 323039, how TWELVE is written in that code?
   a) 863203  b) 863584  c) 863903  d) 863063

   If in a certain language, ENTRY is coded as 12345 and STEADY is coded as 931785, then state which is the correct code for each of the given words.

3. TENANT
   a) 956169  b) 196247  c) 352123  d) 312723

4. NEATNESS
   a) 2519677  b) 21732199  c) 21362199  d) 21823698

5. SEDATE
   a) 918731  b) 954185  c) 814195  d) 614781

   The following questions consist of two words each that have a certain relationship to each other, followed by four lettered pairs of words. Select the lettered pair that has the same relationship as the original pair of words.

6. Agenda : Meeting
   a) Programme : Function  b) Performance : Ticket  
   c) Map : Scale  d) Footnote : Article

7. Knife : Chopper
   a) Walking : Fitness  b) Swim : Float  
   c) Scissors : Cloth  d) Quilt : Blanket

8. Balance : Weigh
   a) Aeroplane : Height  b) Radar : Detection  
   c) Satellite : Revolution  d) Television : Picture

9. Canvas : Painter
   a) Leather : Shoe  b) Chisel : Wood  
   c) Marble : Sculptor  d) Hammer : Carpenter

Three words in bold letters are given in each question, which have something in common among themselves. Out of the four given alternatives, choose the most appropriate description about these three words.

10. Mars : Mercury : Venus
    a) They have no opposite motion  b) They are evil planets
        c) They are the planets nearest to the earth  d) They have no corresponding lucky stone.
11. **Chain : Link : Bridge**

   a) They all have hooks.  
   b) They are related with ornaments  
   c) They join two parts  
   d) The terms are related with prison  

12. **Arjun : Uddhav : Sudama**

   a) They were Pandavas  
   b) They were all princes.  
   c) They were great warriors  
   d) They were friends of Krishna  

13. **Stork : Goose : Duck**

   a) They migrate to India from Siberia  
   b) They are water birds  
   c) They are white  
   d) The species are disappearing  

14. **Vigour : Vitality : Stamina**

   a) The terms are related to medicines.  
   b) The terms are related to one’s instinct for fighting  
   c) The terms are a measurement of tolerance  
   d) The terms are related to inner strength  

15. **Vinci : Angelo : Raphel**

   a) They were Italian engineers  
   b) They were European painters  
   c) They were dictators  
   d) They were famous politicians  

   The following questions consist of two words each that have a certain relationship to each other, followed by four lettered pairs of words. Select the lettered pair that has the same relationship as the original pair of words.

16. **Corporeal : Spiritual**

   a) Pedagogue : Teacher  
   b) Foreigner : Immigrant  
   c) Moron : Savant  
   d) Mesa : Plateau  

17. **Rain : Platter**

   a) Door : Bang  
   b) Birds : Flight  
   c) Animal : Graze  
   d) Men : Walk  

18. **Propensity : Tendency**

   a) Prologue : Epilogue  
   b) Master : Slave  
   c) Audacity : Impudence  
   d) Conduct : Immortality  

19. **Coal : Thermal**

   a) Power : Energy  
   b) Bulb : Light  
   c) Air : Atmosphere  
   d) Water : Hydel  

20. **Equator : Latitude**

   a) Visitor : Guest  
   b) Needle : Direction  
   c) Fish : Water  
   d) Pigeon : Bird
21. Four girls sitting on a bench to be photographed. Shikha is to the left of Reena. Manju is to the right of Reena. Rita is between Reena and Manju. Who would be second from the left in the photograph?

   a) Reena  b) Shikha  c) Manju  d) Rita

22. There are five different houses, A to E, in a row. A is to the right of B and E is to the left of C and right of A. B is to the right of D. Which of the houses is in the middle?

   a) A  b) B  c) C  d) E

23. In a March Past, seven persons are standing in a row. Q is standing left to R but right to P. O is standing right to N and left to P. Similarly, S is standing right to R and left to T. Find out who is standing in the middle.

   a) P  b) Q  c) R  d) O

24. Five children are sitting in a row. S is sitting next to P but not T. K is sitting next to R who is sitting on the extreme left and T is not sitting next to K. Who are sitting adjacent to S?

   a) K and P  b) R and P  c) Only P  d) P and T

25. Five girls are sitting in a row. Rashi is not adjacent to Sulekha or Abha. Anuradha is not adjacent to Sulekha. Rashi is adjacent to Monika. Monika is at the middle of the row. Then, Anuradha is adjacent to whom out of the following?

   a) Rashi  b) Sulekha  c) Abha  d) Monika  e) Cannot be determined.