1. Which one of the following non-metals is not a poor conductor of electricity?
(a) Sulphur (b) Bromine (c) Selenium (d) Phosphorus

2. Which one of the following types of glass can cut ultraviolet rays?
(a) Jena glass (b) Soda glass (c) Pyrex glass (d) Crookes glass

3. Which one of the following is not a member of the Shanghai Cooperation Organization?
(a) Russia (b) Kazakhstan (c) Ukraine (d) Uzbekistan

4. Another name of RDX:
(a) Cyanohydrin (b) Dextran (c) Cyclohexane (d) Cyclonite

5. Groups each containing 3 boys are to be formed out of 5 boys—A, B, C, D and E—such that no one group contains both C and D together. What is the maximum number of such different groups?
(a) 5 (b) 6 (c) 7 (d) 8

6. Six faces of a cube are numbered from 1 to 6; each face carrying one different number. Further,
1. Face 2 is opposite to face 6.
3. Face 3 is between face 1 and face 5.

Which one of the following is correct?
(a) Face 2 is adjacent to face 3 (b) Face 6 is between face 2 and face 4
(c) Face 1 is between face 5 and face 6 (d) None of the above

7. Each of the 3 persons is to be given some identical items such that product of the numbers of items received by each of the three persons is equal to 30. In how many maximum different ways, this distribution can be done?
(a) 21 (b) 24 (c) 27 (d) 33

8. 6 equidistant vertical lines are drawn on a board, 6 equidistant horizontal lines are also drawn on the board cutting the 6 vertical lines, and the distance between any two
9. A person has to completely put each of three liquids: 403 litres of petrol, 465 litres of diesel and 496 litres of mobile oil in bottles of equal size without mixing any of the above three types of liquids such that each bottle is completely filled. What is the least possible number of bottles required?
   (a) 34  (b) 44  (c) 46  (d) None of these

10. Amir starts from a point A and walks to another point B, and then returns from B to A by his car and thus takes a total time of 6 hours and 45 minutes. If he had driven both ways in his car, he would have taken 2 hours less. How long would it take him to walk both ways?
   (a) 7 hours 45 minutes  (b) 8 hours 15 minutes
   (c) 8 hours 30 minutes  (d) 8 hours 45 minutes

11. A train completes a journey with a few stoppages in between at an average speed of 40 km per hour. If the train had not stopped anywhere, it would have completed the journey at an average speed of 60 km per hour. On an average, how many minutes per hour does the train stop during the journey?
   (a) 20 minutes per hour  (b) 18 minutes per hour
   (c) 15 minutes per hour  (d) 10 minutes per hour

12. The average distance (approximate) between the Sun and the Earth:
   (a) $150 \times 10^6$ km  (b) $100 \times 10^5$ km
   (c) $110 \times 10^5$ km  (d) $70 \times 10^5$ km

13. Consider the following statements:
   1. If magenta and yellow coloured circles intersect, the intersected area will have red colour.
   2. If cyan and magenta coloured circles intersect, the intersected area will have blue colour.

   Which of the statements given above is/are correct?
   (a) 1 only  (b) 2 only  (c) Both 1 and 2  (d) Neither 1 nor 2

14. Consider the following statements:
   1. A flute of smaller length produces waves of lower frequency.
   2. Sound travels in rocks in the form of longitudinal elastic waves only.

   Which of the statements given above is/are correct?
   (a) 1 only  (b) 2 only  (c) Both 1 and 2  (d) Neither 1 nor 2

15. Four wires of the same material and of dimensions as under are stretched by a load of same magnitude separately. Which one of them will be elongated maximum?
   (a) Wire of 1m length and 2mm diameter  (b) Wire of 2m length and 2mm diameter
   (c) Wire of 3m length and 1.5mm diameter  (d) Wire of 1m length and 1mm diameter

16. The average salary of 100 employees in an office is Rs 16,000 per month. The management decided to raise salary of every employee by 5% but stopped a transport allowance of Rs 800 per month, which was paid earlier to every employee. What will be the new average monthly salary?
   (a) Rs 16,000  (b) Rs 16,500  (c) Rs 16,800  (d) Rs 18,500

17. Which one of the following cities does not have the same clock time as that of the other three cities at any given instant?
   (a) London (U.K.)  (b) Lisbon (Portugal)
   (c) Accra (Ghana)  (d) Addis Ababa (Ethiopia)
19. **Assertion (A):**
A jet aircraft moving at Mach Number equal to 1 travels faster at an altitude of 15 km than while moving at Mach Number equal to 1 near the sea level.

**Reason (R):**
The velocity of sound depends on the temperature of the surrounding medium.
(a) Both A and R are individually true and R is the correct explanation of A
(b) Both A and R are individually true but R is not the correct explanation of A
(c) A is true but R is false
(d) A is false but R is true

20. If all the numbers from 501 to 700 are written, what is the total number of times does the digit 6 appear?
(a) 141 (b) 139 (c) 140 (d) 138

21. **A and B can complete work together in 5 days. If A works at twice his speed and B at half of his speed, this work can be finished in 4 days. How many days would it take for A alone to complete the job?**
(a) 18 (b) 12 (c) 15 (d) 10

22. **Second largest ethnic group in Afghanistan is:**
(a) Uzbeks (b) Tajiks (c) Hazaras (d) None of these

23. **Who was the founder of the Umayyad dynasty?**
(a) Yazid (b) Marwan (c) Mu'awiya (RA) (d) Walid I

24. **“Big Five” (USA, UK, France, Italy and Japan) are related with:**
(a) World War I (b) Wold War II (c) UNO (d) None of these

25. **What is the total length of Gwadar Motorway?**
(a) 605 Km (b) 892 Km (c) 933 Km (d) 1105 Km

26. **NPT stands for:**
(a) Non-Proliferation Treaty (b) National Protection Treaty (c) National Protection Treaty

27. **Which treaty is offering face-saving device to P-5 and G-8 Countries?**
(a) NNWS (b) NPT (c) CTBT (d) CBM

28. **How many nuclear power plants are working in Pakistan?**
(a) Two (b) Three (c) Four (d) Five

29. **How many nuclear power plants are under construction in Pakistan?**
(a) One (b) Two (c) Three (d) Four

30. **According to Nuclear Programme, Pakistan will produce nuclear power till 2030:**
(a) 8000 MW (b) 8800 MW (c) 15000 MW (d) 18000 MW

31. **When Pakistan became a member of the 35-member Board of Governors of International Atomic Energy Agency?**
(a) Sep 22, 2006 (b) April 16, 2007 (c) May 15, 2007 (d) June 30, 2007

32. **Chashma Nuclear Power Plant I was constructed with the help of China to produce power:**
(a) 500 MW (b) 150 MW (c) 200 MW (d) 325 MW
33. Pakistan test-fired on 31st March 2007 a short range nuclear capable ballistic missile Haft-II with a range of:
   (a) 200 KM  (b) 1900 KM  (c) 800 KM  (d) 2500 KM
34. What is second name of short-range, nuclear capable ballistic missile Haft II of:
   (a) Ghauri  (b) Abdali  (c) Ghaznavi  (d) Babur
35. Pakistan on March 22, 2007 test-fired nuclear-capable, cruise missile "Babur" with range:
   (a) 500 KM  (b) 700 KM  (c) 900 KM  (d) 800 KM
36. What is second name of cruise missile Babur?
   (a) Haft V  (b) Haft VI  (c) Haft VII  (d) Haft IV
37. The PAEC said that uranium-favourable rocks constituted ______ percent of the total area of Pakistan:
   (a) 8%  (b) 12%  (c) 6%  (d) 16%
38. Pakistan Atomic Energy Commission decided to set up how many more nuclear power plants in Pakistan till 2030?
   (a) 7  (b) 9  (c) 13  (d) 15
39. In the recent visit of President Zardari to China, a civil nuclear cooperation agreement was signed to set up how many nuclear energy plants?
   (a) 1  (b) 3  (c) 2  (d) 4
40. Chashma III and Chashma IV proposed to be built by China will produce:
   (a) 580 MW  (b) 500 MW  (c) 915 MW  (d) 680 MW
41. Occupied Kashmir is the biggest state in the sub-continent situated in the north of Pakistan having boundaries with:
   (a) Tibet  (b) Russia  (c) Afghanistan  (d) All of them
42. Kashmir State was bought by Ghulab Singh from British rulers for:
   (a) Rs 10 million  (b) Rs 15 million  (c) Rs 7.5 million  (d) Rs 55 million
43. Against the repressive rule of Dogra Dynasty, Kashmir Muslim Conference launched a freedom movement in:
   (a) 1935  (b) 1940  (c) 1932  (d) 1938
44. Which factors make Kashmir key to Pakistan?
   (a) Sources of river Indus, Jhelum and Chenab were in Kashmir
   (b) Kashmir is a continuation of the plains of Pakistan into mountains
   (c) Kashmir has only road and railway links with Pakistan
   (d) All of the above
45. After partition, a large-scale Muslim massacre was committed by Dogra Raj to turn the Muslim majority into minority. How many innocent Muslims were killed?
   (a) 2,30,000  (b) 2,37,000  (c) 2,11,000  (d) 8,37,000
46. The Hindu Raja sought Indian government's help to crush Muslim's movement. What conditions were laid down by Indian government?
   (a) Call off deal with Pakistan  (b) Invite Indian army in the state
   (c) Accession of Kashmir to India  (d) Establish diplomatic ties with India
47. When Indian forces landed in Held Kashmir, MA Jinnah ordered General Gracey the then Pak army chief to attack Kashmir but he refused saying that:
   (a) Pakistani forces are scattered
(b) He cannot take action until supreme commander of Indo-Pak forces orders him
(c) India had the right to capture the state
(d) Pakistan has no access to the state

48. India due to its poor military position in Held Kashmir appealed to UNO for peace on:
   (a) Feb 11, 1948    (b) Jan 1st, 1948    (c) Jan 25, 1950    (d) Jan 30, 1949

49. When UN Security Council passed two resolutions urging India and Pakistan to withdraw
forces to their previous positions?
   (a) Aug 13, 1948 and Jan 5, 1949
   (b) Jan 20, 1948 and Jan 5, 1949
   (c) April 3, 1948 and Feb 2, 1949
   (d) May 13, 1948 and Jan 10, 1949

50. When the armed revolt spread across Kashmir, the Hindu Raja signed a deal with
Pakistan to keep the situation under control on:
   (a) July 1950    (b) May 1948    (c) Sept 1947    (d) June 1947

51. Chenab Formula to resolve the Kashmir dispute was presented by:
   (a) Sardar Abdul Qayyum
   (b) Ali Shah Geelani
   (c) Barrister Sultan Mahmood
   (d) None of the above

52. Why Mr Jinnah said Kashmir is the lifeline of Pakistan?
   (a) Kashmir contains huge oil reserves
   (b) Kashmir is a resort valley
   (c) All five major rivers of Pakistan originate from Kashmir
   (d) None of them

53. The total length of 'Line of Control' in Kashmir is:
   (a) 220km    (b) 820km    (c) 740km    (d) 520km

54. When the ceasefire line was drawn in Kashmir?
   (a) 1947    (b) 1948    (c) 1950    (d) 1949

55. All Parties Hurriyat Conference is an alliance of:
   (a) 8 parties
   (b) 30 parties
   (c) 26 parties
   (d) 23 parties

56. Out of 14 districts of J&K, the Muslim-majority districts are:
   (a) 8
   (b) 10
   (c) 12
   (d) 14

57. The percentage of Muslims in Jammu and Kashmir is:
   (a) 80%
   (b) 85%
   (c) 90%
   (d) None of these

58. Who is now chief minister of occupied Kashmir?
   (a) Omer Abdullah
   (b) Saeed Mufti
   (c) Manmohan Singh
   (d) None of these

59. The first general polls held in Kashmir in:
   (a) 1951    (b) 1957    (c) 1959    (d) 1955

60. All Parties Hurriyat Conference was founded in Kashmir in:
   (a) April 1990    (b) March 1997    (c) March 1993    (d) March 1996

61. Who is the current chairman of APHC?
   (a) Yasin Malik
   (b) Umer Farooq
   (c) Syed Ali Geelani
   (d) Abdul Ghani

62. Kashmir Black Day is celebrated on:
   (a) 5th January
   (b) 5th February
   (c) 27th Oct
   (d) 15th October

63. Kashmir Solidarity Day is observed on:
   (a) Jan 25
   (b) Feb 5
   (c) May 28
   (d) Feb 15

64. Highest mountain peak Mount Everest is situated in:
   (a) Nepal
   (b) India
   (c) China
   (d) Pakistan
65. Dhaulagiri mountains are present in:
   (a) Karakoram       (b) Himalayas       (c) Andes       (d) Hindu Kush
66. The largest railway station of the world is:
   (a) Grand Central Terminal, New York       (b) Lahore Railway Station, Pakistan
   (c) Trans Siberian Railway Station, Russia       (d) None of these
67. The largest railway station of the world is located in:
   (a) New York       (b) Pakistan
   (c) Russia       (d) None of these
68. Which is the smallest sea?
   (a) Red Sea       (b) North Sea
   (c) Mediterranean Sea       (d) Gulf of California
69. Session Mountains are in:
   (a) UK       (b) Japan
   (c) USA       (d) None of these
70. What is an "iceberg"?
   (a) Mountain of ice in sea       (b) Largest coral reef
   (c) Mountain of Africa       (d) None of these
71. Who reached North America for the first time in history in 1000 AD?
   (a) Christopher Columbus       (b) John Speke
   (c) Leif Eriksson       (d) None of these
72. Name the person who sailed around the world in the 'Golden Hind' during 1557-80:
   (a) Sir Francis Drake       (b) John Davis
   (c) Vitus Bering       (d) James Clark
73. Which company holds the world record for having the maximum number of shareholders?
   (a) Reliance Industries Ltd.       (b) British Gas
   (c) General Motors       (d) State Bank of Pakistan
74. The smallest unit of ownership of a company is:
   (a) A share       (b) A debenture
   (c) Invest       (d) Capital
75. Who is a "Lame Duck" in a stock market?
   (a) A new investor       (b) A old investor
   (c) A member of the stock exchange who cannot meet his obligations
   (d) None of these
76. Devaluation of currency can help to increase exports if elasticity of demand of exportable items in other countries is:
   (a) Less than one       (b) Greater than one
   (c) Equal to one       (d) Zero
77. When aggregate supply exceeds aggregate demand:
   (a) Business inventory accumulates       (b) Unemployment exists
   (c) Prices of consumer goods rise
   (d) People save more than they intended to save
78. What can a government do to increase demand in its economy?
   (a) Budget for a surplus       (b) Cut taxes
   (c) Encourage savings       (d) Reduce its expenditure
79. What does price elasticity of demand measure?
   (a) Changes in price caused by changes in demand
   (b) The rate of change of sales
   (c) The responsiveness of demand to price changes
   (d) The value of sales at a given price
80. Who discovered Lake Victoria?
(a) John Davis       (b) Capt John Speke       (c) Grover Cleveland       (d) None of these
81. Cuesta is:
(a) A low flat topped hill       (b) A plateau
(c) A plain       (d) A mountain
82. Nanga Parbat mountain is present in:
(a) Karakoram       (b) Himalayas
(c) Andes       (d) Hindu Kush
83. The highest plateau of the world is:
(a) Pothar Plateau       (b) Balochistan Plateau
(c) Pamir Plateau (Tibetan)       (d) Deccan Plateau
Directions: Each of the following questions consists of a word or phrase which is italicised and underlined in the sentence given. It is followed by certain words or phrases. Select the word or phrase which is closest to the opposite in meaning of the italicised and underlined word or phrase.
84. He has a __superficial__ knowledge of the subject.
(a) Wide       (b) Excessive
(c) Sufficient       (d) Profound
85. His style of writing is quite __verbose__.
(a) Lucid       (b) Comical
(c) Unusual       (d) Succinct
86. His __smooth__ manners endeared him to everyone.
(a) Hard       (b) Rough
(c) Gruff       (d) Tough
87. Everybody called it a __lavish__ party.
(a) Expensive       (b) Frugal
(c) Wasteful       (d) Big
88. His interpretation of the poem is __superficial__.
(a) Mystical       (b) Profound
(c) Difficult       (d) Mysterious
89. Should I __communicate__ the date of the meeting to all the members?
(a) Yield       (b) Conceal
(c) Refrain       (d) Withhold
90. The __comely__ young girl proved to be a good receptionist.
(a) Inexperienced       (b) Unattractive
(c) Gloomy       (d) Depressed
Directions: In each of the following questions, out of the given alternatives, choose the one which best expresses the meaning of the italicised and underlined part of the sentence.
91. He was a __vulpine__ person and so avoided by his neighbours.
(a) Indolent       (b) Miserly
(c) Haughty       (d) Furtive
92. The prisoner made an __abortive__ attempt to escape from the jail.
(a) Courageous       (b) Futile
(c) Illegal       (d) Crafty
93. A __reliable__ friend is the gift of God.
(a) Helpful       (b) Dependable
(c) Honest       (d) True
94. The great dancer impressed the appreciative crowd by his __nimble__ movements:
(a) Subtle       (b) Clear
(c) Quick       (d) Lively
95. Wisdom seems to have got lost in a __welter__ of knowledge.
(a) Confusion       (b) Height
(c) Clarity       (d) Sacrifice
96. The story began in an __eerie__ situation.
(a) Dangerous       (b) Thrilling
(c) Wonderful       (d) Strange
97. War was not the only *inevitable* means to decide that dispute.
   (a) Indefinite  (b) Imminent  (c) Unavoidable  (d) Improbable
98. The *tinned* food that we bought in the way was all tainted and spoiled.
   (a) Canned  (b) Rotten  (c) Adulterated  (d) Noxious
99. We must not take his *facetious* remarks very seriously.
   (a) Amusing  (b) Critical  (c) Casual  (d) Flippantly humorous
100. My uncle was so *chagrined* that he avoided mentioning the incident.
    (a) Frustrated  (b) Abased  (c) Annoyed  (d) Tired

**ANSWERS**

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