Q1. Who along with Bhagat Singh, was the main accused in Assembly. Bomb Case?
(a) Ram Prasad Bismil
(b) Ashfaqulla
(c) Surya Sen
(d) Batukeshwar Dutta

Q2. In the Union Budget 2015-16, two new IIMs will be opened in which of the following states?
(a) Jammu & Kashmir, Punjab
(b) Andhra Pradesh, Punjab
(c) Andhra Pradesh, Jammu & Kashmir
(d) Jammu & Kashmir, Bihar

Q3. CDM stands for:
(a) Clean Development Mechanism
(b) Carbon Degeneratioin Mechanism
(c) Carbon Degeneration Mission
(d) Cash Deposit Mechanism

Q4. R is P's father's nephew. S is P's cousin but not the brother of R.
How is S related to R?
(a) Father
(b) Sister
(c) Mother
(d) Aunt

Q5. Which Indian city is known as "The City Of Pearls" as once it was the only global center of large diamonds and natural pearls made?
(a) Hyderabad
(b) Jodhpur
(c) Amdavad(Ahmedabad)
(d) Chennai

Q6. On selling rice for Rs. 45 per kg, a shopkeeper bears loss of 20%.
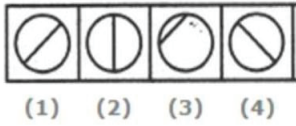To earn a profit of 20%, the selling price should be.
(a) Rs. 67.50
(b) Rs. 65
(c) Rs. 70
(d) Rs. 60

Q7. Read the statement and select a conclusion out of the given alternatives.
Statement: Most garments in that shop are expensive.
(a) There are no cheap garments available in that shop.
(b) Handloom garments in that shop are cheap.
(c) There are cheap garments also in that shop.
(d) Some garments in that shop are expensive.

Q8. Choose the figure which is different from the rest three.

(1)   (2)   (3)   (4)

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

Q9. Shivam Industries installed a flour mill for Rs. 300,000 five years ago. If the fixed annual rate of depreciation is 5% and they sold the mill for Rs. 250,000, their approx. gain/loss % is?
(a) No Gain – No loss
(b) Loss, 13.78%
(c) Gain, 10.51%
(d) Gain, 7.69%

Q10. Zeatin is produced in _____ and transported to _____ in the xylem where it promotes cell division.
(a) Shoots, Roots
(b) Roots, Shoots
(c) Steam, Leaves
(d) Leaves, Stems

Q11. Which of the following term is associated with Hockey?
(a) Faceoff
(b) Kickoff
(c) Offside
(d) Bodyline

Q12. Who among the following was not a chief minister before he/she became the Prime Minister of India?
(a) Morarji Desai
(b) Charan Singh
(c) Indira Gandhi
(d) V.P. Singh

Q13. Which country topped the list on "World Happiness Index", 2015 published by the Sustainable Development Solutions Network(SDSN)?
(a) Bhutan
(b) Switzerland
(c) Iceland
(d) Norway

Q14. Mecca Masjid, Hyderabad was completed by:
(a) Muhammad Quli Qutb Shah
(b) Jahangir
(c) Qutab Shahi
(d) Aurangzeb

Q15. If A+B=90° and cosB=1/3; then the value of sinA is:
(a) 1/2
(b) 1/4
(c) 1/3
(d) 2/3

Q16. Which among them is the largest network in terms of area?
(a) MAN
(b) WAN
(c) Intranet
(d) Internet

Q17. _____ are one of the intelligent mammals on earth.
(a) Dolphins
(b) Elephants
(c) Deer
(d) Hippos

Q18. Four pair of words are given below out of which three are alike in some manner and one pair is different.
Which is different from the rest?
(a) Coins: Numismatics
(b) Stamps : Phillumenist
(c) Books : Bibliophilist
(d) Post cards : Deltiologist

Q19. If $x^2=25^2-15^2$, then find the value of x.
(a) 40
(b) 50
(c) 20
(d) 25

Q20. _____ enacted during an emergency imposed by Mrs. Indira Gandhi, is also known as mini constitution because of important & large number of changes made to it.
(a) 42nd Amendment Act
(b) 44th Amendment Act
(c) 74th Amendment Act
(d) 73rd Amendment Act

Q21. In a certain code language, if SIGN is coded as 8367 and DIRECT is coded as 134259, then SIREN will be coded as?
(a) 83472
(b) 84327
(c) 83247
(d) 83427

Q22. Which of the following is not true about Frictional force?
(a) Friction is the force which opposes the relative motion of two surfaces in contact.
(b) The force of friction that acts when a body is moving(sliding) on a surface is called sliding friction.
(c) Friction in machines wastes energy and also causes wear and tear.
(d) Rolling friction is much more than sliding friction, the use of ball bearings in a machine considerably reduces friction.

Q23. In which year did Ole Roemer measure the speed of light for the first time in the history?
(a) 1776
(b) 1676
(c) 1876
(d) 1867

Q24. Calculate the simple interest if Rs. 1800 is invested for 10 years at rate of 5% per annum.
(a) Rs. 900
(b) Rs. 450
(c) Rs. 1800
(d) Rs. 2700

Q25. Indira Gandhi National Centre for the Arts is headquartered at:
(a) New Delhi
(b) Kolkata
(c) Lucknow
(d) Mumbai

Q26. Find out the greatest four digit number when divided by 8, 12, 16 leaves 2 as remainder in every case?
(a) 9984
(b) 9985
(c) 9986
(d) 9987

Q27. Where did the Indian Independence League from in 1907?
(a) Surat
(b) Calcutta
(c) California
(d) Berlin

Q28. If on a Sale there is 30% discount on the marked price of Rs 2500, but the sale is done at Rs 1400 only. What additional discount(in %) did the customer get?
(a) 10
(b) 20
(c) 15
(d) 25

Q29. Pankaj Advani clinched his 13th world title after winning the World 6-Red Snooker Championship by defeating _____ of China.
(a) Li Hang
(b) Chen Zhe
(c) Yan Bingtao
(d) Lu Ning

Q30. Acid Rain has pH value of
(a) 5.5 or less
(b) 12.5 or more
(c) 10.5 or more
(d) 8.5 or more

Q31. Read the statements and select a conclusion from the given alternatives:
Statement: All the tablas are instruments.
All instruments are pianos.
Conclusion : I.   All the pianos are instruments.
II. All the tablas are pianos.
(a) Only I conclusion follows
(b) Only II conclusion follows
(c) Either I or II follows
(d) Neither I nor II follows

Q32. First human who got married in space is:
(a) Yuri Denver
(b) Yuri Johnson
(c) Yuri Malenchenko
(d) David Malenchenk

Q33. What is the name of ecologically clean rocket developed by Russia based space research center?
(a) Angara
(b) Vostok
(c) Korolev
(d) Luna

Q34. The factors of $x^2+8x+12$ are:
(a)$(x+6)(x+2)$
(b)$(x-6)(x+2)$
(c)$(x-4)^2$
(d)$(x+6)(x-2)$

Q35. Insert the missing character marked as '?'.

18	24	32
12	14	16
3	?	4
72	11	12
	2	8

(a) 2
(b) 3
(c) 4
(d) 5

Q36. The International Cricket Council(ICC), the international governing body of Cricket founded in 1909 by representatives from England, Australia and South Africa, was initially known as:
(a) International Cricket Conference
(b) International Cricket Council
(c) Imperial Cricket Council
(d) Imperial Cricket conference

Q37. Read the information and answer the question based on it.
In an examination, a student gets an average of 76.2 marks. The total marks for the five subjects are 500. His marks in 4 subjects are mentioned; calculate the marks obtained by the students in Social science marked as "x" in the table below.

Subject	Maths	English	Sanskrit	Science	Social Science
Marks Obtained	76	87	83	78	X

(a) 60
(b) 58
(c) 57
(d) 53

Q38. In a right angled triangle, the hypotenuse is 4 cm longer than the perpendicular which is 4 cm longer than the base. Calculate the length of the hypotenuse.
(a) 12 cm
(b) 10 cm
(c) 20 cm
(d) 8 cm

Q39. By selling 33 m clothes, a person gains cost price of 11m clothes. Find the gain %.
(a) 30%
(b) 33.33%
(c) 25%
(d) 35%

Direction (40   -42): Answer the questions based on the following bar chart:
The following bar chart shows the trend of mutual funds investments into India from all over the world.

Q40. What was absolute difference in the mutual funds investments to India in between 1996 and 1997?
(a) 7.29
(b) 7.13
(c) 8.13
(d) 7.77

Q41. If India mutual funds investments from countries was proportionately the same in 1992 and 1997 as the total mutual funds investments from all over the world and if the mutual funds investments in 1992 from the countries was Euro 2 million. What was the amount of mutual funds investments from the countries in 1997?
(a) 11
(b) 0.72
(c) 11.28
(d) 11.5

Q42. Which year exhibited the highest growth in mutual funds investments in India over the period shown?
(a) 1993
(b) 1994
(c) 1995
(d) 1996

Q43. What is the ratio of radius of incircle and circumcircle for an equilateral triangle with an area of $22\sqrt{3}$ square units?
(a) 1/2
(b) 1/4
(c) 1/3
(d) 2/3

Q44. If in a certain language, STRING is coded as TSIRGN, how is RANDOM coded in that code?
(a) ANRDMO
(b) ARDONM
(c) ARDNMO
(d) ADRONM

Q45. The average of 5 consecutive numbers is 50, then difference between "product of largest and smallest number" with "product of fourth and second number" is:
(a) 3
(b) –3
(c) 0
(d) 10

Q46. "Group of Monuments at Mahabalipuram one of the "UNESCO World Heritage Site"
 Founded by the Pallava Kings is in _____district of _____.
(a) Thanjavur, Tamil Nadu
(b) Kancheepuram, Tamil Nadu
(c) Sivgangai, Tamil Nadu
(d) Nilgiris, Tamil Nadu

Q47. Insert the missing character marked as '?'.

13	12	5
17	15	8
25	24	?
29	21	20

(a) 7
(b) 9
(c) 15
(d) 11

Q48. In a certain code language, if COTTON is coded as 325526 and WOOLEN is coded as 122976, then TOWEL will be coded as?
(a) 12579
(b) 21795
(c) 52179
(d) 79125

Q49. The value of $\sqrt{0.0144}$ is:
(a) 0.12
(b) 0.012
(c) 1.2
(d) 0.0012

Q50. Calculate the sum of squares from 1 to 9.
(a) 284
(b) 285
(c) 385
(d) 380

Q51. Atmosphere of Venus mostly contains which of the following gases?
(a) Nitrogen
(b) Hydrogen
(c) Oxygen
(d) Carbon dioxide

Q52. Aaton Van Leewen Hock is famous for the discovery of _____.
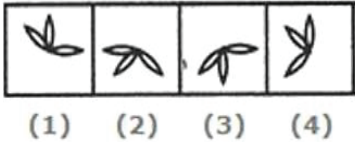(a) Microscope
(b) Nylon
(c) Laser
(d) radio valve

Q53. A thief drives his motorcycle at a speed of x km/hr. The Policeman started chasing him in a jeep after 4 hours and catches in 4 hours. If the average speed of jeep of policemen is 40 km/hr, then calculate the speed in km/hr for the thief's motorcycle?
(a) 30
(b) 36
(c) 45
(d) 20

Q54. A map is drawn at a scale of 2 mm for 500 kms. Two places are marked at the distance of 3.6 mm; calculate the distance(in kms.) between these two places?
(a) 900
(b) 800
(c) 750
(d) 960

Q55. Choose the figure which is different from the rest three.

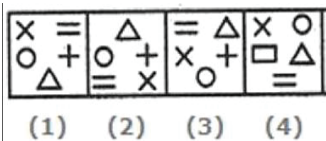(1) (2) (3) (4)

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

Q56. _____ often referred to as shock treatment, is a psychiatric treatment in which seizures are electrically induced in patients to provide relief from psychiatric illnesses.
(a) Electromyography (EMG)
(b) Electrocardiogram (ECG)
(c) Electroencephalography (EEG)
(d) Electroconvulsive therapy (ECT)

Q57. Find out the LCM of $3^5, 3^{11}, 3^{-11}$ and 3^{14} ____
(a) 3^5
(b) 3^{11}
(c) 3^{-11}
(d) 3^{14}

Q58. Choose the figure which is different from the rest three.

(1) (2) (3) (4)

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

Q59. What is the measure of temperature considered as normal in human body?
(a) 95 degree F
(b) 97 degree F
(c) 98.6 degree F
(d) 96.8 degree F

Q60. If x−√x=20; Find the value of √x.
(a) 5
(b) 6
(c) 8
(d) 7

Q61. What is the present Personal Income Tax exemption limit for male individuals below 60 years of age & HUF(FY2018-19)?
(a) Rs. 5 lakh
(b) Rs. 3 lakh
(c) Rs. 1.5 lakh
(d) Rs. 4 lakh

Q62. _____ is used to control the fission reaction rate in nuclear reactor as it absorbs neutron _____ without itself getting into fissioning.
(a) Heavy water.
(b) Graphite
(c) Water
(d) Cadmium

Q63. Inset the missing character marked as '?'.

3	15	4
7	38	5
3	?	5

(a) 15
(b) 18
(c) 19
(d) 20

Q64. A man can row his boat at speed of 4 km/hr and he finds that the time taken rowing upstream is double to that taken downstream. Find the speed of the stream(in km/hr).
(a) 1.5
(b) 1.3
(c) 2
(d) 1

Q65. Insert the missing character marked as '?'.

1	2	3
11	7	5
12	4	?
0	5	

(a) 19
(b) 17
(c) 16
(d) 15

10

Q66. Read the statements and select a conclusion from the given alternatives:
Statement: Some mats are brooms.
All the pencils are brooms
Conclusion: I. Some brooms are pearls.
II. Some brooms are mats.
(a) Only I conclusion follows
(b) Only II conclusion follows
(c) Either I or II follows
(d) Neither I nor II follows

Q67. Read the statement and select a conclusion out of the given alternatives.
Statement: An industry worker has four children. No one else in the industry has four children.
(a) All workers in the industry have four children each.
(b) Everybody in the industry has children.
(c) Some of the industry workers have more than four children.
(d) Only one worker in the industry has exactly four children.

Q68. Calculate the difference between the squares of the largest and smallest two-digit prime numbers.
(a) 9298
(b) 9892
(c) 9292
(d) 9288

Q69. The average weight of 30 students in a class is 25 kgs. If the weight of the class teacher is added, the average weight increase by 2 kgs. The weight of the class teacher(in kgs) is:
(a) 86
(b) 84
(c) 81
(d) 87

Q70. The huge storm known as Great red spot is associated with which planet?
(a) Mars
(b) Venus
(c) Pluto
(d) Jupiter

Comprehension: Read the information carefully and answer the following questions:
Eight persons M, N, O, P, Q, R, S and T are sitting around a rectangular table. Four persons who sit on each middle side of rectangular table faces towards the centre, while other four persons who sits on the corner of table faces outside the centre. O faces Q. P sits 3rd to the right of R, who sits 2nd to the right of T. There is only one person sits between P and O. M sits 2nd to the right of Q. N sits 3rd to the right of O.

Q71. Who among the following sits 2nd to the right of P?
(a) M
(b) Q
(c) S
(d) T

Q72. Who among the following faces M?
(a) N
(b) R
(c) S
(d) P

Q73. Who among the following sits 2nd to the right of the one who sits 3rd to the left of R?
(a) Q
(b) S
(c) P
(d) N

Q74. Read the statements and select a conclusion from the given alternatives:
Statement:
Some doctors are kings.
All the kings are handsome.

Conclusion:
I. All the doctors are handsome
II. All the kings are doctors.
(a) Only I conclusion follows
(b) Only II conclusion follows
(c) Either I or II follows
(d) Neither I nor II follows

Q75. Winner of 2015 "United Nations Champions of the Earth" award in the category Policy Leadership is_____.
(a) Sheikh Hasina
(b) Paul Polman
(c) Narendra Modi
(d) Barack Obama

Q76. Manish, Mukesh and Sachin are Accountants. Mukesh can file a return in 5 hours and Sachin in 4 hours alone. All three together can do it in 2 hours. In what time(in hrs.) will Manish do the work?
(a) 15
(b) 20
(c) 17
(d) 10

Q77. Who has recently been appointed as the Chief of New Development Bank of BRICS country, has also served as the chairman of Infosys Ltd., and was non- Executive chairman of ICICI Bank in the past?
(a) K. V. Kamath
(b) Nandan Nilekani
(c) Azim Premji
(d) Chanda Kochhar

Q78. _____are atoms/molecules/ions containing the same number of electrons.
(a) Isotones
(b) Isotopes
(c) Isoelectronic
(d) Valence Isoelectronic

Q79. Computer system which do not require any storage device?
(a) Analog
(b) Digital
(c) Hybrid
(d) Third generation computer

Q80. Fertilisation of sperm with the ovum takes place in_____.
(a) Uterus
(b) Cervix
(c) Fallopian Tube
(d) Ovary

Q81. If in a certain language, TOGGLE is coded as OTGGEL, how is KEPLER coded in that code?
(a) EEKLPR
(b) PREEKL
(c) RPEEKL
(d) EKLPRE

Q82. Read the statement and select a conclusion out of the given alternaitves.
Statement. Movies convince viewers that the likehood of their becoming the victim of a violent crime is extremely high; at the same time by their very nature, movies persuade viewers to passively accept whatever happens to them.
(a) Movies viewing promotes criminal behavior.
(b) Movies viewers are most likely to be victimized than others.
(c) People should not watch movies.
(d) Movies promotes a feeling of helpless vulnerability in viewers.

Q83. South West Monsoon generates in _____.
(a) Arabian Sea
(b) Indian Ocean
(c) Bay of Bengal
(d) Himalayas

Q84. _____is the most electropositive and _____ is most electronegative element of the third period of modern periodic table.
(a) Sodium, Potassium
(b) Magnesium, Aluminum
(c) Sodium, Chlorine
(d) Aluminum, Chlorine

Q85. If 22, x, 88 are in a continued proportion, find the value of x.
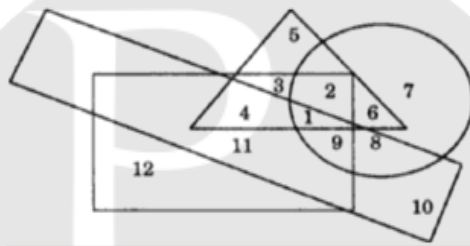(a) 24
(b) 33
(c) 44
(d) 36

Q86. Rajat is the brother of Sanjay and Manish is the father of Rajat. Jay is the brother of Shreya and Shreya is the daughter of Sanjay. Who is the uncle of Jay?
(a) Rajat
(b) Sanjay
(c) Manish
(d) cannot be determined

Q87. P is the brother of Q. Q is the brother of R. P is the son of S. Based on these three statements, which of the following statements cannot be definitely true?
(a) Q is the brother of P.
(b) Q is the son of S.
(c) P is the brother of R.
(d) S is the father of Q.

Direction (88 – 90); In the following figure the circle stands for unemployed, the smaller rectangle stands for lazy, the triangle stands for urban and the larger rectangle stands for foolish. Study the figure carefully and answer the questions that follow:

Q88. The number of non-urban, unemployed people who are neither foolish nor lazy are
(a) 12
(b) 11
(c) 10
(d) 7

Q89. The number of non-urban, unemployed, lazy and foolish people are
(a) 8
(b) 9
(c) 10
(d) 11

Q90. The number of Unemployed, lazy, urban and foolish people are
(a) 9
(b) 2
(c) 1
(d) 3

Q91. What is the local name given to the parliament of Pakistan?
(a) Majilis
(b) Majlis-e-Shoora
(c) Saeima-e-majilis
(d) Jatia Parliament

Q92. Which state of India has the largest number of cotton mills?
(a) Karnataka
(b) Uttar Pradesh
(c) Maharashtra
(d) Gujarat

Q93. Find the maximum area of a rectangular field which is surrounded by a rope of 100 meters?
(a) 500 m²
(b) 625 m ²
(c) 400 m²
(d) 100 m²

Q94. On the basis of Memory size & performance, which type of computer is known as "Big iron"?
(a) Micro computer
(b) Mini Computer
(c) Main Frame
(d) Super Computer

Q95. If 90% of A = 30% of B and B = x% of A, find x.
(a) 600
(b) 900
(c) 300
(d) 1200

Q96. Which of the following fractions is largest?
(a) 3/4
(b) 4/5
(c) 5/6
(d) 7/8

Q97. The value of sin60 is:
(a) $\sqrt{1/2}$
(b) $\sqrt{3}/2$
(c) $1/\sqrt{2}$
(d) $\sqrt{1/\sqrt{2}}$

Q98. Which of the following hormone is not secreted by Pituitary gland?
(a) Thyroid-stimulating hormone (TSH).
(b) Prolactin
(c) Vasopressin
(d) Somatostatin

Q99. A, B and C are employed to complete a work in Rs. 784. If A and B together complete 23/28 of the work. Calculate the wages (in Rs.) paid to C?
(a) 280
(b) 140
(c) 70
(d) 56

Q100 .Find the value of 200×20×2×0.2×0.02×0.002=?
(a) 0.064
(b) 0.64
(c) 64
(d) 640