Q1. Which State in India is the highest producer of raw silk?
(a) Kerala
(b) Andhra Pradesh
(c) Karnataka
(d) Maharashtra

Q2. Mohan invested Rs. 100,000 in a garment business. After few months, Sohan joined him with Rs. 40000. At the end of the year, the total profit was divided between them in ratio 3:1. After how many months did Sohan join the business?
(a) 3
(b) 2
(c) 4
(d) 5

Q3. If two complimentary angles are in the ratio of 4:5, find the greater angle.
(a) 40°
(b) 50°
(c) 60°
(d) 30°

Q4. If HEAR is written as KJHA, then MILK can written as
(a) PTNS
(b) PNTS
(c) PNST
(d) PTSN

Q5. The mean of 12 observations is 15. One more observation is included and the new mean becomes 16. The 13th observation is
(a) 20
(b) 24
(c) 26
(d) 28

Q6. The foreign traveler who visited India during the reign of Shahjahan was_____.
(a) Thomas Roe
(b) William Hawkins
(c) Ibn Batuta
(d) Manucci

Q7. Find the least number which when divided by 12, 15, 18 and 27 leaves remainders 10, 13, 16 and 25 respectively.
(a) 540
(b) 538
(c) 542
(d) 552

Q8. Find the value of 6732.8 + 673.28 + 67.328 + 6.7328 + 0.67328?
(a) 74808.1408
(b) 7480.78408
(c) 74808.2408
(d) 7480.81408

Q9. Which Indian state was declared a 'complete Digital State'?
(a) Tamil Nadu
(b) Kerala
(c) Maharashtra
(d) Karnataka

Q10. In the question two statements are given, followed by two conclusions, I and II. You have to consider the statements to be true even if it seems to be at variance from commonly known facts. You have to decide which of the given conclusions, if any, follows from the given statements.
Statement I: No plastic are polymers
Statement II: Some rubber are plastic
Conclusion I: Some polymers are rubber
Conclusion II: All rubber are polymers
(a) Only conclusion I follows
(b) Only conclusion II follows
(c) Both conclusions I and II follow
(d) Neither conclusion I nor conclusion II follows

Q11. Saina Nehwal is associated with which sport?
(a) Tennis
(b) Cricket
(c) Badminton
(d) Gymnastics

Direction (12   -14) ; The table below depicts the no. of pages printed by 6 Printers in 5 different months. Study the table carefully and answer the following questions
Number of Pages Printed by 6 Printers in 5 Different Months

Month	Printer P	Printer Q	Printer R	Printer S	Printer T	Printer U
1st	664	618	628	552	638	419
2nd	569	441	519	438	621	537
3rd	440	614	503	527	541	742
4th	256	563	347	651	412	321
5th	717	429	598	582	519	693

Q12. What is the average number of pages printed by all the given printers in 4th month?
(a) 415
(b) 430
(c) 425
(d) 325

Q13. Which printer printed maximum number of pages in all the given months together?
(a) Printer S
(b) Printer U
(c) Printer P
(d) Printer T

Q14. What is the ratio between the number of pages printed by printer Q in second month and the number of pages printed by printer U in the fifth month?
(a) 11:13
(b) 7:11
(c) 9:11
(d) 9:13

Q15. RHYTHM is related to MUSIC in the same way as DESIGN is related to
(a) ARCHITECT
(b) BUILDING
(c) BEAUTY
(d) SYMMETRY

Q16. In which country did the hotaki dynasty flourish?
(a) Sri Lanka
(b) China
(c) Nepal
(d) Afghanistan

Q17. Which of the following is a nitrogen-fixing becteria?
(a) Salmonella
(b) Rhizobium
(c) E.coli
(d) Pseudomonas

Q18. The angle of elevation of a ladder leaning against a wall is 45°
and the foot of the ladder is 10 m away from the wall. The length of
the ladder is:
(a) $10\sqrt{2}$ m
(b) $13\sqrt{2}$ m
(c) $15\sqrt{2}$ m
(d) $16\sqrt{2}$ m

Q19. Based on the analogy given, find the missing pair from the given options.

$\frac{3}{5} : 34$: _____ : _____

(a) $\frac{3}{7} : 54$

(b) $\frac{4}{7} : 65$

(c) $\frac{3}{11} : 140$

(d) $\frac{4}{9} : 87$

Q20. In accordance to the Constitution, Protection of Life and Personal Liberty is granted under which Article?
(a) Article 20
(b) Article 21
(c) Article 22
(d) Article 23

Q21. Mayank, Deepak and Pawan, each of them working alone can complete a work in 5, 10 and 15 days respectively. If all three of them work together to complete a work and earn Rs. 11,000, What will be Deepak's share of the earning?
(a) Rs. 2000
(b) Rs. 6000
(c) Rs. 4000
(d) Rs. 3000

Q22. Below are given statements followed by two conclusions I and II. You have to take the given statements to be true even if they seem to be at variance from commonly known facts.
Statements: All birds are trees. All trees are papers. Some papers are books.
Conclusions:
I. All birds are papers.
II. Some birds are books.
Decide which of the below options logically follows the given conclusions.
(a) Both conclusion I or II follows
(b) Neither conclusion I nor II follows
(c) Only conclusion I follows
(d) Only conclusion II follows

Q23. Which of the following quadratic equations has real roots?
(a) $4x^2 - 3x + 6 = 0$
(b) $2x^2 + 7x + 6 = 0$
(c) $x^2 - 2x + 4 = 0$
(d) $3x^2 - 4x + 3 = 0$

Q24. Where in the World can we find the Nobel museum?
(a) Macedonia
(b) Stockholm
(c) Denmark
(d) London

Q25. The mean of a distribution is 20 and the standard deviation is 4. What is the value of the coefficient variation?
(a) 10%
(b) 20%
(c) 40%
(d) 60%

Direction (26 -28); Read the following and answer the questions.
There are six persons in a family. Chithra is the sister of Rakesh. Badhri is the brother of Eniya's husband. Dilip is the father of Arun and grandfather of Rakesh. There are two fathers, three brothers and a mother in the group.

Q26. How many male members are there in the family?
(a) Three
(b) One
(c) Four
(d) Two

Q27. Which of the following is a group of brothers?
(a) Arun, Badhri, Dilip
(b) Arun, Badhri, Rakesh
(c) Badhri, Rakesh, Chithra
(d) Badri, Dilip, Rakesh

Q28. How is Rakesh related to Eniya?
(a) Son
(b) Brother
(c) Uncle
(d) Cousin

Q29. Choose the one which is different or odd from the following options.
(a) Lion
(b) Tiger
(c) Horse
(d) Giraffe

Q30. In which script, the Ashokan inscription were written in North West Frontier Province?
(a) Prakrit
(b) Brahmi
(c) Sanskrit
(d) Kharoshti

Q31. How many bones does a human baby have?
(a) 206
(b) 234
(c) 300
(d) 354

Q32. Based on the analogy given, find the missing number from the given options.
11:13: : 17: ----
(a) 29
(b) 21
(c) 19
(d) 23

Q33. If the angles of a triangle are in the ratio of 2:5:8, then find the value of the smallest angle.
(a) 36°
(b) 18°
(c) 12°
(d) 24°

Q34. When Bablu decreases the selling price of the shoes from Rs. 360 to Rs. 345, his loss increases by 4%. The cost price of the shoes is:
(a) Rs. 275
(b) Rs. 375
(c) Rs. 425
(d) Rs. 450

Q35. Who received the Dinanath Mangeshkar award for 2015?
(a) Sanjay Leela Bhansali
(b) Ranveer Kapoor
(c) Anil Kapoor
(d) Amir Khan

Direction (36 -38); The following questions are based on the information given below:
In school of 4000 students 3000 know English, 2000 know French and 500 know Hindi, 1500 know French and English, 300 know French and Hindi, 200 know English and Hindi and 50 know all the three languages.

Q36. How many do not know any of the three languages?
(a) 550
(b) 500
(c) 400
(d) 450

Q37. How many know only two languages?
(a) 450
(b) 500
(c) 1850
(d) 1580

Q38. How many know at least one language?
(a) 3500
(b) 3000
(c) 1850
(d) 3550

Q39. What is the average of first 30 multiples of 9?
(a) 142
(b) 138.5
(c) 139.5
(d) 143.5

Q40. Centigrade, is a unit of measurement of temperature named after whom?
(a) Kelvin
(b) Jean-Pierre Christin
(c) Marten Stromer
(d) Anders Celsius

Q41. If 'when' means 'x', 'she' means '÷', 'will' means '+' 'and 'come' means '–', then what wil the value of "8 when 12 will 16 she 2 come 10"?
(a) 94
(b) 96
(c) 100
(d) 10

Q42. Which among the planets is orange in colour with white bands on it
(a) Mars
(b) Saturn
(c) Jupiter
(d) Venus

Q43. Which bacterium is used to turn milk to curd?
(a) Streptomyces
(b) Vibrio
(c) Lactobacillus
(d) Spirilla

Q44. Who is the Railway Minister who presented the 2016 Rail Budget?
(a) Suresh Prabhu
(b) Arun Jaitley
(c) Manoj Sinha
(d) Jayant Sinha

Q45. What does SPM in environment mean?
(a) Suspended Pollution Mark
(b) Suspended Particulate Matter
(c) Suspended Particle Mode
(d) Suspended Particle Management.

Q46. Rearrange the jumbled up letters to form a meaningful word and find the odd one out.
(a) ILON
(b) GIRET
(c) TOGA
(d) CKOEPAC

Q47. Rs. 10,000 is being compounded at 20% per annum. Calculate the amount after 2 years if the rate of interest is charged half yearly.
(a) 14600
(b) 12500
(c) 14642
(d) 14641

Q48. Where did Muhammad Bin Tughlaq shift his capital to from Delhi?
(a) Daulatabad
(b) Aurangabad
(c) Allahabad
(d) Shaharanpur

Q49. If FHNPKMEG means GOLF, then what does RTSUHJBDJL stand for?
(a) HORSE
(b) STICK
(c) PURSE
(d) HOLES

Q50. If the standard deviation of a population is 4.5, what would be the population variance?
(a) 20.25
(b) 20
(c) 9
(d) 18

Q51. The tallest bridge in the world Millau Viaduct has been constructed over the river
(a) Seine
(b) Tarn
(c) Durance
(d) Loir

Q52. Which of the following canal gets water from Sutlej and Beas rivers in India?
(a) Buckingham Canal
(b) Indira Gandhi Canal
(c) Sethu Canal
(d) Ganga Canal

Q53. Who is the current supreme commander of Indian Defense forces?
(a) Narendra Modi
(b) Sumitra Mahajan
(c) Pranab Mukherjee
(d) Lt. Gen Dalbir Singh

Q54. If B=2, K=11; MAN=0, SIN=14, then what is the value of HOT?
(a) 3
(b) 0
(c) 1
(d) 22

Q55. Find the value of x if 0.08x+0.04y=10 and 0.2(x–1)+0.4y=24.8
(a) 125
(b) 150
(c) 1.25
(d) 12.5

Q56. Who made the first chocolate bar?
(a) Nestle
(b) The Hershey Company
(c) Joseph Fry & Sons.
(d) Pearson's

Q57. Find the LCM of 0.63, 10.5, 2.1, 4.20
(a) 63
(b) 0.63
(c) 6.30
(d) 6300

Q58. The red colour of the red sea is due to the presence of:
(a) Moss
(b) Bacteria
(c) Algae
(d) Fungi

Q59. Based on the analogy given, find the missing word from the given options.
Foot: Toes   Hand:?
(a) Thumb
(b) Palm
(c) Fingers
(d) Nails

Q60. Who invented the pendulum clock?
(a) Christiaan Huygens
(b) Thomas Alva Edison
(c) Frederick Jones
(d) Davidson

Q61. The simple interest at y % for 'y' years will be Rs. y on a sum.
Find the principal amount.
(a) $100 \div y$
(b) $100 \times y$
(c) $100y^2$
(d) $100 \div y^2$

Q62. ????? Everest : Peak   _____ : _____
(a) Yamuna : River
(b) Chilka : Lake
(c) Sparrow : Bird
(d) Jupiter : Planet

Q63. If '+' means '−', '−' means 'x', 'x' means '÷ ', '÷ ' means '+', then 15−3+10x 5÷ 5 = ------
(a) 22
(b) 24
(c) 48
(d) 52

Q64. Find the remainder when 4^{13} divided by 3?
(a) 1
(b) 2
(c) 0
(d) 3

Q65. If TABLE is written as 84973 and CHAIR is written as 51462, then how is TEACHER code?
(a) 8431532
(b) 8441532
(c) 8435132
(d) 8345132

Q66. Ramu can row 9 km/hr is still water. It takes him twice as long to row up as to row down. Find the rate of stream.
(a) 16 km/hr
(b) 8 km/hr
(c) 3 km /hr
(d) 9 km/hr

Q67. Neeraj's earning was decreased by 60% and after that subsequently increased by 60%. Find the final loss % on his earnings?
(a) 12%
(b) 36%
(c) 4%
(d) 5%

Q68. A bus is running at a speed of 90 kmph. What distance will it cover in 20 seconds?
(a) 500 m
(b) 450 m
(c) 180 m
(d) 600 m

Q69. In what ratio should Darjeeling Tea costing Rs. 400 per kg be mixed with Assam Tea costing Rs. 300 per kg, so that by selling the mixture at Rs. 408 per kg, there is a gain of 20%?
(a) 1:2
(b) 2:3
(c) 2:5
(d) 1:6

Q70. Consider the following statement & choose the correct options:
When two straight lines intersect then,
1. Adjacent angles are supplementary

2. Opposite angles are supplementary
(a) Both 1 & 2 are incorrect.
(b) Both 1 & 2 are correct
(c) 1 is incorrect and 2 is correct
(d) 1 is correct and 2 is incorrect

Q71. Which is the official language for Android development?
(a) Java
(b) COBOL
(c) FORTRON
(d) Ada

Q72. Which one of the following is produced during the formation of photochemical smog?
(a) Hydrocarbons
(b) Nitrogen oxide
(c) Ozone
(d) Methane

Q73. Rearrange the jumbled up letters to form a meaningful word and find the odd one out.
(a) CEKRTCI
(b) OHKCYE
(c) ESCSH
(d) OTOLABLF

Q74. A device which is used in our TV set, Computer, Radio set for Storing the electric charge is
(a) resistor
(b) inductor
(c) capacitor
(d) conductor

Q75. Who invented the mouse of a computer?
(a) John Backus
(b) Charles Babbage
(c) Douglas Engelbart
(d) Simon Colton

Q76. Which among the following is the brain of the computer?
(a) Software
(b) Hardware
(c) CPU
(d) Monitor

Q77. Who is the current Chief Election Commissioner of India?
(a) Syed Nasim Ahmed Zaidi
(b) Navin Chawla
(c) N. Gopalaswami
(d) A.K. Jyoti

Q78. If '   ' sands for '+', '   ' stands for '–', '   ' stands for '÷ ', '   ', stands for 'x', '   ' stands for '=', then which of the following alternatives is correct?
(a) 3 6 2   3   6   5
(b) 2 5   6   2   6
(c) 7   43 6 1   4
(d) 5   7   3 2   4

Q79. Bohr's model is related to which of the following?
(a) Plum pudding model
(b) Nuclear theory
(c) Concept of quantization of energy
(d) Dual nature of electron

Q80. B is thrice as efficient as A and C is 0.75 times as efficient as A. What is the ratio of number of days taken by A, B and C when they work individually?
(a) 4:1:3
(b) 3:1:4
(c) 2:3:1
(d) 5:1:2

Q81. How many bio-geographical zones are there in India?
(a) 2
(b) 4
(c) 6
(d) 10

Q82. One of four words is a class to which the other three belong. Identify the clas.
(a) Coal
(b) Lignite
(c) Anthracite
(d) Peat

Q83. Where did Rani Lakshmi Bai die fighting the British?
(a) Varanasi
(b) Gwalior
(c) Marar
(d) Jhansi

Q84. Which is the most powerful piece in a game of chess?
(a) King
(b) Queen
(c) Rook
(d) Knight

Q85. An Assertion (A) and a Reason (R) are given below.

Assertion (A): The Indian Constitution came into force with effect from 26th January 1950.

Reason (R): 26th January is celebrated as the Republic day.

Choose the correct option.

(a) A is true but R is false.

(b) A is false but R is true.

(c) Both A and R are false.

(d) Both A and R are true but R is not the correct explanation of A.

Q86. If 20−10 means 200, 8 ÷ 4 means 12, 6×2 means 4, then 100−10×1000÷ 1000 + 100×10=?

(a) 20

(b) 10

(c) 0

(d) 1

Q87. Which one of the following districts is well known for the cultivation of coffee?

(a) Balasore

(b) Chikmangalur

(c) Guntur

(d) Khurda

Q88. Who was the Chinese pilgrim who visited Indian during the Gupta period?

(a) Hiuen Tsang

(b) Fa Hien

(c) I ching

(d) Li Xiu

Q89. Atul can do a piece of work in 18 days, Aaravya is 50% more efficient than Atul. How much more time does Atul take than Aaravya to do the same piece of work?

(a) 12

(b) 6

(c) 18

(d) 10

Q90. If (x+a) is the H.C.F of $2x^2+5x-12$ and x^2+x-12 then find the value of a.

(a) −3

(b) −2

(c) 4

(d) 5

Q91. Who was the last ruler or the Tughlaq dynasty of the Delhi Sultanate ?

(a) Feroz Shah Tughlaq

(b) Ghiyasuddin Tughlaq Shah II

(c) Nasir-ud-din Mahmud

(d) Nusrat Shah

Q92. The shadow of a tower on ground level is increased by 30 m, when the angle of depression by the sun changes from 60° to 30°. The height of the tower is?
(a) $12\sqrt{3}$ m
(b) $17\sqrt{3}$ m
(c) $16\sqrt{3}$ m
(d) $15\sqrt{3}$ m

Q93. Which of the below options is called a laughing gas?
(a) N_2O
(b) CO_2
(c) H_2O
(d) SO_2

Q94. Deepak sells all his goods available in his shop at the cost price, but he cheats his customer and gives 20% less goods as he should give. Find his % profit.
(a) 30%
(b) 33%
(c) 25%
(d) 20%

Q95. Who is the current CEO of Flipkart?
(a) Ananth Narayanan
(b) Mukesh Bansal
(c) Kalyan Krishnamurthy
(d) Sachin Bansal

Q96. What is the shape of the orbit of the planets?
(a) Round
(b) Straight line
(c) Elliptical
(d) Stretched out circles

Q97. What is the minimum value of 'Y' for which 267Y2 is divisible by 3?
(a) 2
(b) 1
(c) 0
(d) 5

Q98. Ram Naresh got two successive discounts, a bag with a list price of Rs. 400 is available at Rs. 160. If the second discount is 20%, find the first discount.
(a) 40%
(b) 30%
(c) 50%
(d) 80%

Q99. Goecha La is a pass in which of the following Indian State?
(a) Sikkim
(b) Assam
(c) Meghalaya
(d) Uttarakhand

Q100. An Assertion (A) and a Reason (R) are given below.
Assertion (A):   Clothes are not washed properly in hot water.
Reason (R):   Hard water contains many minerals.
Choose the correct option.
(a) A is true but R is false.'
(b) A is false but R is true.
(c) Both A and R are true and R is the correct explanation of A.
(d) Both A and R are true but R is not the correct explanation of A.