

40/2015

Maximum : 100 marks

Time : 1 hour and 15 minutes

1. A number when divided by 119 leaves 19 as remainder. If the same number is divided by 17, the remainder obtained is :
(A) 10 (B) 7
(C) 3 (D) 2
2. Three men travelled in each day of distance of 14 km; 35 km; 38 km; respectively. The distance after which they meet again is :
(A) 1230 km (B) 1330 km
(C) 1118 km (D) 1730 km
3. $\sqrt{12 + \sqrt{12 + \sqrt{12 + \dots}}} = ?$
(A) 3 (B) 4
(C) 6 (D) 12
4. A mixture of 40 litres of wine and water contains wine and water in the ratio of 3 to 1. How much water must be added to it so that the ratio of wine to water may be 5 : 2 ?
(A) 1 litre (B) 3 litre
(C) 5 litre (D) 2 litre
5. Out of four numbers, the average of first three is 16 and that of last three is 15. If the last number is 18, the first number is :
(A) 20 (B) 21
(C) 23 (D) 25
6. The simple interest on a sum equals $\frac{1}{10}$ of itself in 4 years. Then the rate of interest will be :
(A) $1\frac{1}{2}\%$ (B) $2\frac{1}{2}\%$
(C) $2\frac{3}{4}\%$ (D) $3\frac{1}{4}\%$
7. If the price of a bag is ₹ 75.00 before a discount of 15%, what is the final discount price?
(A) ₹ 11.20 (B) ₹ 50.00
(C) ₹ 63.75 (D) ₹ 65.00

8. Sheela worked one weekend from 9.00 a.m until 4.30 p.m at the rate of ₹ 9.25 per hour. How much did she receive for both days?
- (A) ₹ 112.75 (B) ₹ 127.72
(C) ₹ 138.75 (D) ₹ 277.52
9. How many times are the hands of a clock at right angles in a day?
- (A) 22 (B) 24
(C) 44 (D) 48
10. Two trains 126 m and 114 m long are running in opposite directions, one at the rate of 30 kmph and another one at 42 kmph. From the moment they meet will cross each other in :
- (A) 10 sec (B) 11 sec
(C) 12 sec (D) 13 sec
11. If the first day of the year 1991 was Tuesday, what day of the week must have been on 1st January, 1998?
- (A) Monday (B) Tuesday
(C) Wednesday (D) Thursday
12. Gopu is 5 years older than Amal. In 5 years, Gopu will be twice as old as Amal is now. How old is Gopu now?
- (A) 15 (B) 12
(C) 26 (D) 29
13. A solid cube of 4 inches have been painted red, green and black on pairs of opposite faces. It has been cut into one inch cubes. How many cubes have only three faces painted?
- (A) 4 (B) 8
(C) 12 (D) 16
14. Find the odd one from the following :
- (A) CFIL (B) GJMP
(C) KNQT (D) QRTW
15. His FRIVOLOUS remarks sometimes become irritating. The word which is most opposite to the meaning to the word given in capital letters.
- (A) Momentous (B) Rude
(C) Serious (D) Hateful
16. Professor : Erudite :: _____ : _____.
- (A) Overseer : Wealthy (B) Inventor : Imaginative
(C) Moderator : Vicious (D) Aviator : Licensed

17. Thomas drives his car 50 km towards eastward direction. He turned right went for 30 km, then he turned west and drive for 10 km. How far is he from the starting point?
- (A) 50 km (B) 60 km
(C) 100 km (D) 20 km
18. How many 4's are there preceded by 7 but not followed by 3?
2 1 7 4 2 6 9 7 4 6 1 3 2 8 7 4 1 3 8 3 2 5 6 7 4 3 9 5 8 2 0 1 8 7 4 6 3
- (A) Three (B) Four
(C) Five (D) Six
19. A student was asked to divide a number by 6 and add 12 to the quotient. He however, first add 12 to the number and then divided it by 6, getting 112 as the answer. The correct answer should have been :
- (A) 122 (B) 118
(C) 114 (D) 124
20. Preethi left her home at 11 a.m, travelling along Rout I at 30 kmph. At 1 p.m, her brother Praveen left home and started after her on the same road at 45 kmph. At what time did Praveen catch up to Preethi :
- (A) 3:30 p.m (B) 4:45 p.m
(C) 5:00 p.m (D) 4:15 p.m
21. Name the process by which plants prepare their food.
- (A) Osmosis (B) Photosynthesis
(C) Fluorescence (D) Transpiration
22. Which instrument is used for estimating purity of the milk?
- (A) Lactometer (B) Hydrometer
(C) Pyrometer (D) Hygrometer
23. Which is the most malleable of all metals?
- (A) Copper (B) Silver
(C) Gold (D) Aluminium
24. Which part of the brain is affected when pain killer is used?
- (A) Cerebellum (B) Pituitary
(C) Hypothalamus (D) Thalamus
25. Which is the colour of the outermost layer of the rainbow?
- (A) Red (B) Violet
(C) Green (D) Orange

26. What is the minimum distance from the object for a healthy eye to have clear vision?
(A) 15 cm (B) 20 cm
(C) 25 cm (D) 10 cm
27. Who discovered the law of gravity?
(A) Copernicus (B) Isaac Newton
(C) Ptolemy (D) Galileo
28. Which is the most electronegative element?
(A) Sodium (B) Oxygen
(C) Nitrogen (D) Fluorine
29. Which is the Jovian planet among the following?
(A) Mercury (B) Venus
(C) Jupiter (D) Earth
30. If 4 CF lamps of 18 Watts each were used for 5 hours daily, calculate the electricity charge for a month having 30 days at the rate of Rupees 3.00 for a unit :
(A) Rs. 32.40 (B) Rs. 64.80
(C) Rs. 30.00 (D) Rs. 46.40
31. The country separated from India by the Radcliff line :
(A) Nepal (B) Afghanistan
(C) Pakistan (D) Srilanka
32. The winner of Rajiv Gandhi Khel Ratna Award 2013 was :
(A) Mahavir Singh (B) Ronjon Sodhi
(C) Neha Rathi (D) Syed Ali
33. The present Governor of Kerala Shri . Nikhil Kumar was the previous Governor of :
(A) Nagaland (B) Karnataka
(C) Tamilnadu (D) Andhra Pradesh
34. Advaita Chinthapaddathi is the literary work of :
(A) Sree Narayana Guru (B) Pandit Karuppan
(C) Chattampi Swami (D) Ayya Vaikundar
35. The river Narmada originates from :
(A) Ranchi Plateau (B) Deccan Plateau
(C) Maikala Hills (D) Amarkantak Plateau

36. India got the observer status in the Arctic council on 15th May 2013 along with :
- (A) China, Italy, Singapore, Japan, South Korea
 (B) China, Belgium, Moscow, Italy, Japan
 (C) Britain, Germany, France, Singapore, China
 (D) Japan, Australia, China, Italy, South Korea
37. The Sahithya Academy Award 2013 was announced for a Malayalam :
- (A) Novel (B) Autobiography
 (C) Short story (D) Essay
38. The type of precipitation occurring in the form of rain and snow is :
- (A) Hail (B) Drizzle
 (C) Sleet (D) Fog
39. The first labour leader from India was :
- (A) V.T. Bhattathirippad (B) Vakkom Moulavi
 (C) Ayya Vaikundar (D) Ayyankali
40. The Gateway of Wayanad is :
- (A) Lakkidi (B) Sulthan Bathery
 (C) Kalpetta (D) Neelimala
41. Subramanya Sathakam and Sankara Sathakam were the earlier works of the poet :
- (A) M.P. Appan (B) P. Bhaskaran
 (C) Kumaranasan (D) Vallathol Narayana Menon
42. Asia's first arch dam that was constructed across the Kuravan and Kurathi hills :
- (A) Kulamavu Dam (B) Idukki Dam
 (C) Banasura Sagar Dam (D) Mullaperiyar Dam
43. Kanthalur Salai was a famous :
- (A) Pictorial art form of Kerala (B) Literary work in Malayalam
 (C) Festival celebrated in Kerala (D) Learning centre in Kerala
44. The most important soil found in the Deccan trap area is :
- (A) Black soil (B) Laterite soil
 (C) Saline soil (D) Alluvial soil
45. The state known as the Milk Pail of India :
- (A) Himachal Pradesh (B) Gujarat
 (C) Jammu and Kashmir (D) Haryana

46. South India's first high altitude cricket stadium situated in Kerala is :
(A) Jawaharlal Nehru International Stadium
(B) Krishnagiri
(C) Central Stadium
(D) Dharmasala
47. The freedom movement initiated from Bombay :
(A) Non co-operation movement
(B) Civil disobedience movement
(C) Quit India movement
(D) Rowlatt Satyagraha
48. India's position in the Global Corruption Perception Index 2013 released by the Transparency International on 3rd December 2013 :
(A) 94th
(B) 76th
(C) 175th
(D) 3rd
49. First Lion Safari park in Kerala is :
(A) Nilambur
(B) Chinnar
(C) Neyyar
(D) Eravikulam
50. United Nations Assembly adopted World Cities Day to be celebrated on :
(A) November 30
(B) February 28
(C) May 1
(D) October 31
51. Vernacular Press Act of 1878 was proposed by :
(A) Lord Lytton
(B) Lord Ripon
(C) Lord Canning
(D) Lord Dalhousie
52. For internal financing of the five year plans, the government depends on :
(A) Taxation only
(B) Taxation, public borrowing and deficit financing
(C) Public borrowing and deficit financing
(D) Taxation and public borrowing
53. The highly populated state in India is :
(A) Maharashtra
(B) Bihar
(C) West Bengal
(D) Uttar Pradesh
54. The black granite statue of Lord Buddha known as Karumadikuttan is in :
(A) Thiruvananthapuram
(B) Alappuzha
(C) Kollam
(D) Pathanamthitta

55. Vaikom Satyagraha was started in the year :
(A) 1924 (B) 1920
(C) 1946 (D) 1931
56. Misrabhojanam was the idea popularised by :
(A) Mannathu Padmanabhan (B) Swami Vivekanandan
(C) Sahodaran Ayyappan (D) Brahmananda Swami Sivayogi
57. Miss. Earth 2013 was crowned to :
(A) Alexandra Brawn (B) Alyz Henrich
(C) Teresa Fajksova (D) Sobhita Dhulipala
58. The Octopus shaped lake in Kerala :
(A) Vembanad (B) Kayamkulam
(C) Akkulam (D) Ashtamudi
59. The extremely sensitive atmospheric pressure recording instrument is :
(A) Hygrometer (B) Micro baro variograph
(C) Aneroid barometer (D) Thermograph
60. A pass through a mountain ridge is called :
(A) Col (B) Core
(C) Crater (D) Crevasse
61. Which country does not have double citizenship?
(A) India (B) The USA
(C) Switzerland (D) None of the above
62. Which article of the Indian Constitution gives abolition of untouchability?
(A) Article 14 (B) Article 15
(C) Article 16 (D) Article 17
63. Organisation of Village Panchayat is associated with :
(A) Fundamental duties (B) Directive principles
(C) Fundamental rights (D) Constitutional obligations
64. In India, who is the real or administrative head of the Union Government?
(A) President (B) Speaker of Lok Sabha
(C) Prime Minister (D) Vice President

65. "Basic structure of the constitution cannot be amended by parliament". This is the famous judgement of supreme court :
- (A) Minerva Mills case 1980 (B) Kesavanandha Bharati case 1973
(C) Berubari case 1968 (D) None of the above
66. The governor is the agent of :
- (A) State government
(B) Union government
(C) Both the central government and the state government
(D) None of the above
67. Which of the following articles of the Indian constitution guarantees public service commission for the union and for the states?
- (A) Article 315 (B) Article 316
(C) Article 317 (D) Article 318
68. Which of the following articles of the Indian constitution ensures duties and powers of the comptroller and auditor general of India?
- (A) Article 148 (B) Article 149
(C) Article 150 (D) Article 151
69. Which of the following Amendment Act is reducing voting age from 21 to 18 years?
- (A) 61 Amendment Act 1989 (B) 62 Amendment Act 1989
(C) 63 Amendment Act 1989 (D) 64 Amendment Act 1989
70. The Indian constitution has adopted rule of law from the following countries :
- (A) On the provisions of USA
(B) On the provisions of Japan
(C) On the provisions of Britain
(D) From Britain with certain modifications
71. Fill in the blanks with the correct verb form, choosing it from the alternatives given :
The jury _____ given a unanimous verdict of 'not guilty'.
- (A) was (B) is
(C) has (D) have