Name :   Father's Name :   School :   Class :

Note: There are total 75 questions. Each question is of 1 mark. No negative marking is there.

Total Time: 1 Hour 30 Minutes

For each question, mark right answer in left [ ] only. For rough work, use back side of question paper. In case of no correct answer, mark X as right answer.

[ ]1. If x-9 = 6, then which statement is correct ? A. x=1+8   B. x =14+1   C.   x =12-6   D. x = 18-1

[ ]2. 15% of 80% of 2000 ? A. 300   B.125   C.250   D.240

[ ]3. 49 - 5 x 7 + 6 = ? A.-16   B.572   C.314   D.20

[ ]4. Find the number divisible by 3, 5 and 9 = ? A.27   B.30   C.90   D.99

[ ]5. $(-1)^{927}$ x $(-1)^{300}$ =? A. -1   B. -1227   C.1   D.1227

[ ]6. If 16 : 12 : : 720 : x, then m = ?A.540   B.270   C.660   D.120

[ ]7. Perimeter of a circle is 77 Cm. Its diameter in Cm = ? A. 12.25   B. 21   C. 24.50   D. 42

[ ]8. 9/13 - 4/11 = ?A. 5/2   B.5/143   C.5/1311   D.47/143

[ ]9. What needs to be added in $2x^2$ so that we get answer as x^2+x^3 ? A. $x + x^3 - x^2$ B. $x^3 - x^2$ C. $x^3 - x^4$ D. $x^2 - x^3$

[ ]10. Which is smallest of 4/5, 4/6, 5/6 and 5/7 ? A. 4/5   B. 4/6   C. 5/6   D. 5/7

[ ]11. 11+201+12+202+13+203+14+204+ - - - - - - - sum of such 30 numbers = ? A.3490   B.3390   C.3290   D.3190

[ ]12. 104 - 4 x 3 + 150 / 5 = ? A. 450   B. 517   C. -508   D. 122

[ ]13. If (7x+3)/(3x-1) = 2, then x=? A. -4   B. -5   C. -6   D. -7

[ ]14. 202–98.098 = ? A. 103.802   B. 103.992   C. 103.002   D. 103.902

[ ]15. A rectangular tile has a length of 10 Cm and a breadth of 7 Cm. How many tiles are required for constructing a floor of 25 Mtr length and 21 Mtr wide. A. 75,000   B. 50,000   C. 25,000   D. 7,500

[ ]16. The HCF of two numbers is 7, and their LCM is 84. If one number is 28, what is the other number? A. 14   B. 56   C. 631   D.21

[ ]17. If purchase price of 40 chairs is same as sale price of 35 chairs then profit % in selling chairs is around = ? A.5   B.14.3   C.35   D.40

[ ]18. The average of 11 numbers is 40. The average of first 5 numbers is 30 and that of last 5 numbers is 41. What is the 6th number? A. 40   B. 42   C. 47   D. 45

[ ]19. When a number is divided by 121, the remainder is 26. What will the remainder be if the same number is divided by 11? A. 2   B. 3   C. 4   D. 5

[ ]20. A number when multiplied by 3, gives the same result as multiplying it by 2 and then adding 5. What is the number? A.5   B.2   C.10   D.1

[ ]21. What will be the next term in the series 7, 16, 51, 208 ? A.369   B. 627   C. 32   D. 1045

[ ]22. A rectangular park's length and width are in the ratio of 11 : 6 and its perimeter is 102 Mtr. The area of park in Square Mtrs ? A. 66   B. 594   C. 396   D. 198

[ ]23. The ratio between the present age of Amit and Vimal is 6:7. If the difference between their present age is 10 years, what will be the age of Amit after 2 years? A. 72   B.68   C. 62   D. 58

[ ]24. If codeword for TUESDAY is 2345678 and for BELT is 1492 then codeword for BLUE is? A. 19345   B. 1934   C. 1936   D. 2345

[ ]25. If in a certain language, CERTAIN is coded as ACPRYGL, then word BRIGHT would be coded as ? A. DTKIJV   B. ZPHEFR   C. ZPGEFR   D. DTKIJW

[ ]26. $8x^4y^3/(xy^2)$=?A. $-8x^2y$ B. $8x^3y$ C. $8x^2y$ D. $-8x^3y$

[ ]27. One angle of a right-angle triangle is 41 degrees. Remaining two angle are ? A. 90,49   B.80,59   C.95,44   D.85,54

[ ]28. 1/2+ 1/3 +1/4 - 1/5 +1/6= ? A. 21/20   B. 20/21   C.5/4   D. 29/20

[ ]29. If 7x + 2 = 177, then x=? A. 21   B.23   C.25   D.28

[ ]30. 10 years ago, Karan's age was $1/3^{rd}$ of his father's age. Their age difference currently is 22 years. Karan's present age = ? A.43   B.33   C.11   D.21

[   ]31. At 01:15 hours, what will be the measure of smaller angle formed by minute and hour needles? A.307.5   B.120   C.60   D.52.5

[   ]32. Renu purchased a car at Rs. 6,00,000/-, then sold it at 13% profit. At what price she sold the car? A. 6,78,000/-   B. 5,22,000/-
C.6,13,000/-   D.5,87,000/-

[   ]33. If 13 men take 10 days to complete a job, then 5 men will complete the same job in how many days ? A. 4   B.26   C.23   D.7

[   ]34. Compound interest of Rs. 5,000/= at the rate of 10% per annum for 2 years =? A. 1050   B.1000   C.6050   D. 6000

[   ]35. If $x^2 - x - 42 = 0$ then x = ? A.4   B.5   C.7   D.6

[   ]36. A quadrilateral with all sides equal, angle between sides not 90 degree and diagonals intersecting each other at 90 degrees
is called ? A. Rectangle   B. Trapeziuom   C. Rhombus   D. Square

[   ]37. No remainder is there when we divide 2912 by 26. On dividing which number by 26 we will get minimum remainder? A. 2913
B.2911   C.2914   D.2910

[   ]38. M does a work in 15 days and N does the same work in 20 days. In how many days they together will do the same work? A.3
B.4.6   C.8.6   D.6.6

[   ]39. What is the approximate surface area of a sphere in Cm^2 having radius of 6 Cm? A. 452.16   B. 201.14   C.314.29   D.616

[   ]40. In Fig-4 below, angle BAC=35° , angle ABC=45°and angle ADC=35°. Then Angle CAD =? A.60   B.65   C.55   D.40

[   ]41. $(27)^2 - (17)^2 = ?$ A. 440   B. 100   C. 1018   D. 560

[   ]42. One of the factors of $x^2 + 3x - 40$ is? A. x + 7   B. x + 8   C. x- 14   D. x + 3

[   ]43. Madan can walk 33/2 km in 5/4 hours. How much approximate distance (in kms) will he cover in 7/3 hours? A.30.8   B. 32.8
C. 34   D. 36

[   ]44. A train, 1200 Meters long travels at a speed of 72 km/Hr crosses a bridge in 2 Minutes. The length of the bridge in meters is?
A.1000   B. 1100   C. 1200   D. 1300

[   ]45. Cube root of 2197=? A.29   B.36   C.13   D.23S

[   ]46. If the radius of the base of a cylinder is 7 cm and its height is 10 cm, what is the volume of the cylinder IN Cm^3 ? A. 440   B. 2000
C. 2240   D. 1540

[   ]47. If the radius of the base of a cone is 7 cm and its height is 24 cm, what is the slant height in Cm ? A. 23   B. 24   C. 25   D. 26

[   ]48. What is the perimeter of a rectangle with length 80 cm and width 60 cm ? A.120   B.240   C.260   D.280

[   ]49. Find the next number in the series: 81, 64, 49, 36, ... ? A.30   B.25   C.20   D.15

[   ]50. The sum of the digits of a two-digit number is 9. If the new number formed by reversing the digits is greater than the original
number by 27, find the original number. A. 36   B. 63   C. 45   D. 54
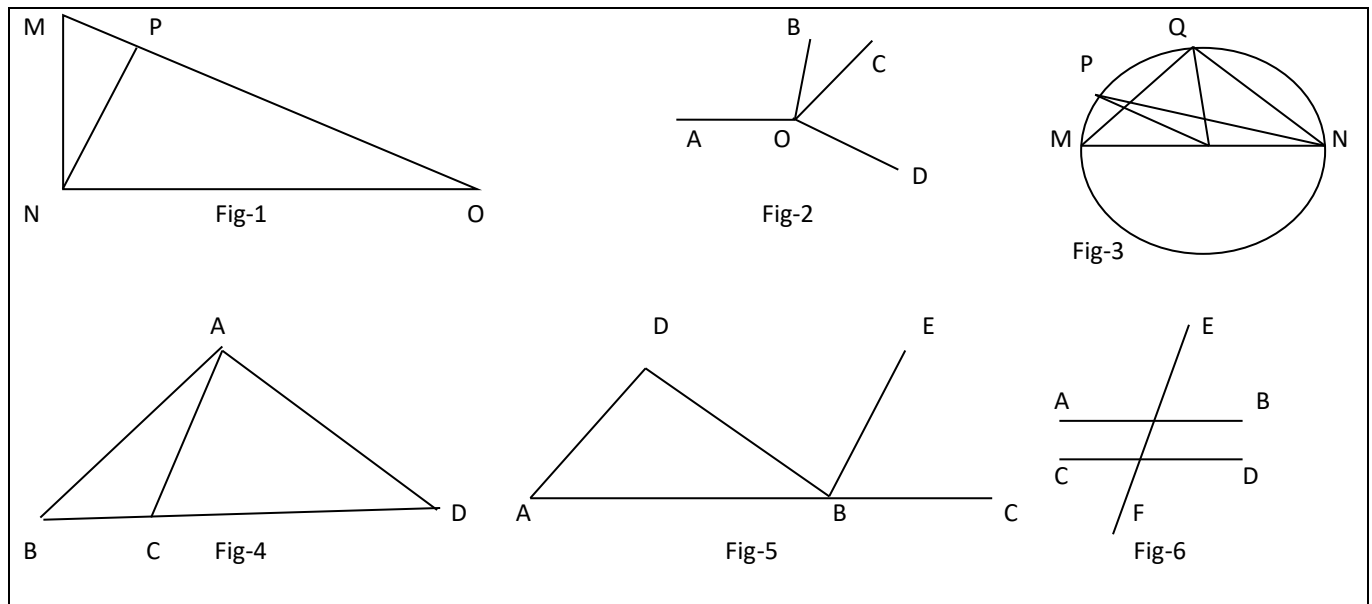

[   ]51. "Hemkund Sahib" Gurudwara is located in which district? A. Amritsar   B. Uttarkashi   C. Bathinda   D. Chamoli

[   ]52. Who was the first president of India? A. Sarvapalli Radhkrishnan   B. Dr. Rajendra Prasad   C. Zakir Hussain   D. Mahatma Gandhi

[   ]53. The longest river which flows only in India is ? A. Brahamputra   B. Yamuna   C. Ganga   D. Ghagra

[   ]54. Who is the Chief Minister of Andhra Pradesh? A. Chandrababu Naidu   B. Revanth Reddy   C. Narendra Modi
D. Hemant Soren

[   ]55. Indian Badminton player Lakshya Sen belongs to which state? A. UP   B. Uttarakhand   C. Maharashtra   D. West Bengal

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[   ]56. Antonym of work "Strong" is? A. Weak   B. Firm   C. Bold   D. Bright

[   ]57. Synonym of the word "Happy" is? A. Sad   B. Angry   C. Joyful   D. Quiet

[   ]58. Synonym of the word "Friend" is? A. Enemy   B. Ally   C. Rival   D. Stranger

[   ]59. Antonym of work "Censor" is? A. Healthy   B. Ill   C. Reject   D. Approve

[   ]60. She _____ a book right now. A. reads   B. is reading   C. read   D. will read

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[   ]61. If Ramesh _____ how to fly, he would have joined you. A. Had known   B.Known   C.Know   D. Knew

[   ]62. I _____ working all afternoon and have just finished the assignment. A. have   B. am   C. shall be   D. had been

[   ]63. I _____ taking the medicines as prescribed by the doctor for a week now.   A. takes   B. have been   C. would have
D. has been

[   ]64. She _____ at me.   A. smile   B. is smiles   C. smiles   D. is smile

[   ]65. Last month, I left Goa, I _____ there with a group from the college. A. go   B. went   C. going   D. gone

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[ ]66. There is _____ new kid in class. His name is John. A. an   B. a   C. the   D. at

[ ]67. You and I _____ best friends.   A. am   B. was   C. is   D. are

[ ]68. What is the largest organ in the human body ? A. liver   B. skin   C. heart   D. lung

[ ]69. What is the largest ocean on Earth? A. Pacific Ocean   B. Indian Ocean   C. Arctic Ocean   D. Atlantic Ocean

[ ]70. Sunita Williams was born in which country? A. Canada   B. India   C. United States   D. France

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[ ]71. In Fig-6 below, AB & CD are two parallel lines which intersect line EF at G and H respectively. If angle EGB = 75^0 then angle EHD =?
        A. 100   B.105   C.75   D. 125

[ ]72. In Fig-1 below, angle NMO=70° and angle NPO=100° then angle PNM = ? A. 45   B. 35   C.30   D.60

[ ]73. In Fig-2 below, angle AOD = 140^0, angle DOC = 80^0 and angle BOC = 30^0 then angle AOB = ? A. 120^0 B.110^0 C.140^0 D. 130^0

[ ]74. In Fig-3 below, MN passes through centre O of circle and meets line QO and PO at O, angle NQO=30^0 and angle NMQ=40^0. Then
        angle MOQ = ? A.30^0 B.46^0 C.50^0 D.80^0

[ ]75. In Fig-5 below, if angle ADB=60^0, DAB = $50^0$and DBE = 85^0 then angle EBC = ? A.30^0 B.40^0 C.25^0 D. 60^0

Fig-1   Fig-2   Fig-3   Fig-4   Fig-5   Fig-6

*** E *** N *** D ***