|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| PUPIL’S COMPLETE INDEX NUMBER   |  | | --- | | CITY/PROVINCE D DISTRICT SECTOR SCHOOL STUDENT |   Sur Name: …………………………………………………………………  Other Name: .................................................................................................   1. ***Read each question carefully before attempting it.*** 2. ***Attempt all numbers in both sections.*** 3. ***Unnecessary crossing of work will lead to loss of marks***  |  |  | | --- | --- | | 1. *Simplify completely 1 5 ÷ ( 2 +1)*   *6 3 4*  *2mks* |  | | 1. *Find the sum of L.C.M and G.C.F of 39 and 52*   *2mks* |  | | 1. *Calculate the area of a triangle whose height is 20cm and base is 12cm*   *2mks* |  | | 1. *5 men take 4 days to paint a house, how many days will 8 men take to paint the same house?*   *2mks* |  | | 1. *The following are marks scored by 9 pupils*   *25 , 30 , 29 , 25 , 28 , 28 , 27 , 28 , and 30*  *Find*   1. *The mode mark00* 2. *The median mark*   *2mks* |  | | 1. *The sum of three consecutive even numbers is 78,*   *Find the numbers.*  *2mks* |  | | 2. *If m= 10 , n= 2 and p = 3*   *Find the value of mp +5n- 4p*  *1mk*   1. *Evaluate 12 a²b⁴ ÷ 6ab³*   *1mk* |  | | 1. *Convert 195425 sec=\_\_\_\_\_\_\_days*   *\_\_\_\_\_\_\_ hrs\_\_\_\_\_\_\_ min\_\_\_\_\_\_\_\_ sec*  *2mks* |  | | 1. *Calculate the simple interest, if a man banks 12000frw for 3 1 year at*   *2*  *a simple interest rate of 5% per year*  *2mks* |  | | 1. *John, Peter and Mary shared 135000frw, John received 3 times as much as Peter, If Peter received twice as much as Mary. Find how much money each received.*   *3mks* |  | | 2. *Simplify completely*   *81 + 144*  *7*  *1.5mks*   1. *Use one of the following symbols < , > or = to complete the fraction*   *0.06 \_\_\_\_\_\_\_\_\_\_ 3*  *5*  *1.5mks* |  | | 2. *The perimeter of a square is 100cm , Find its area*   *1.5mks*   1. *Find the perimeter of a square whose area is 225 m²*   *1.5mks* |  | | 1. *Three children shared 120 sweets in the ratio of 11: 10 : 9 . How many sweets did each child get?*   *2mks* |  | | 1. *100 kg of beans costing 200frw per kg, is mixed with 80kg of beans costing 245frw per kg. find the cost of one kilogram of the mixture*   *3mks* |  | | 1. *What are the values of 4 and 6 in the number*   *5 6 4 3 9 0 7*  *1.5mks*  *b) How many factors does 96 have?*  *1.5mks* |  | | 1. *Decrease 1500m in the ratio 3 : 25*   *1mk*  *b) Increase 240kg by 9%*  *1mk* |  | | 1. *A goat bought at 50000frw was later sold at 60000frw. Find the percentage profit.*   *2mks* |  | | 1. *The sum of two numbers is 480 and their difference is 240. Find the numbers*   *2mks*  *b) The father is 3 times as old as his son, if their total age is 60 years, How old is each?*  *2mks* |  | | 1. *Solve the following equation*   *3 x 17 = 5 x + 13*  *2mks* |  | | 1. *Add and express the answer in square meters*   *2.5ha + 11800dm²*  *2mks*   1. *The interior angle of a regular polygon is 150°. How many sides does the polygon have?*   *2mks* |  | | 1. *Add and express the answer in hours,*   *61 min 10 sec + 58 min 50 sec*  *2mks* |  | | 2. *Add 2012 three + 122 three*   *1mk*   1. *Change 80 ten base two*   *1mk* |  | | 1. *Tap A can fill a tank in 5hrs and B can fill it in 6hrs while tap C can empty it in 8 hrs How long will it take to fill t0.he if the tanks are used at once?*   *3mks* |  | | 1. *Find the area of the figure below*   *6cm*    *8cn 7cm*  *10cm 2mks* |  | | 1. *Arrange in descending order*   *25m , 0.25 km and 250000cm*  *2mks* |  | | 1. *A number is increased by 8%, if the new number is 1296. Find the original number.*   *2mks* |  | | 1. *Calculate 1 of 162 + 0. 2*   *9*  *of 80*  *1mk* |  | | 1. *The total surface area of a cube is 24cm² calculate its volume.*   *2mks* |  | | *SECTION B*   1. *Fine the area and perimeter of the right angled triangle*   *10cm*    *8cm*  *7mks* |  | | 1. *120kg of beans costing 200frw per kilogram is mixed with a second type of beans costing 240frw per 1 kilogram. How many kilograms of the second type make the cost of 1 kg of the mixture to be 260frw*   *7mks* |  | | 1. *A sum of 4000000frw is banked at a compound interest rate of 2% per year for 4 years.* 2. *Calculate the compound interest after 4 years*   *5mks*   1. *Find the amount*   *2mks* |  | | 1. *The marks of 25 pupils in a test marked out of ten are*   *5 , 5 , 4 , 1 , 5 , 1 , 5 , 1 , 3 , 7 , 5 , 4 , 6 , 4 , 2 , 0 , 3 , 7 , 5 , 4 , 4 , 0 , 5 , 0 , 3*   1. *Draw a frequency table using this information*   *5mks*   1. *Calculate the average mark.*   *2mks* |  | | 1. *Solve* 2. *4 ( x – 1 ) = 2 ( x +4 )*   *3mks*  *b) x + 1 = x - 2*  *3 2*  *4mks* |  | |  |  | |  |  | |

Zxcvbnmqwertyuklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnm

qwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmrtyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmrtyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmrtyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmrtyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmrtyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmrtyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmrtyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnm