

TIME : 2 Hrs

- This question paper contains two parts and you have to answer all questions in both the parts.
- Part- A - Mathematical Knowledge test has three sections containing 30 questions. Q Nos. 1 to 10 carry 2 marks each. 11 to 20 carry 3 marks each and 21 to 30 carry 5 marks each.
- Part 'B' - Language Ability Test contains 9 questions. Q.No.1 and 2 carry 15 marks each and remaining question carry 10 marks each. In this part you can write your answers in any one of the chosen language only.
- Write your answer in Blue/Black ink only. Do not use pencil.

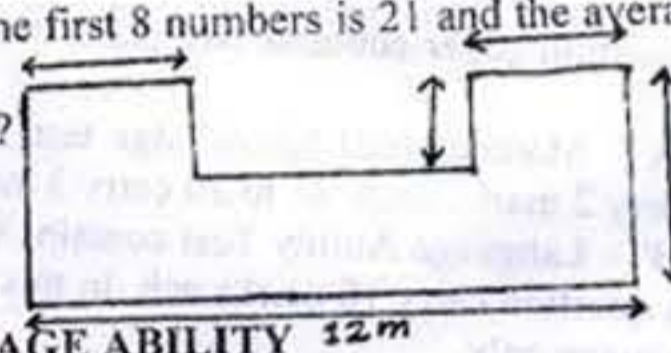
- Find the sum of two numbers if one number is 41628 and the other number is 1235 greater than the first number.
- 631997, 514245, 51437, 631460 Arrange the numbers in ascending order -
- The side of a square is 8m. The same square is divided into four equal squares. Find the area of the square.
- Find prime factors of 216 and 90.
- Find the value of $11\frac{1}{5} + 6\frac{1}{10}$
- Find 10% of 95.
- A train starts from Delhi at 9.15 p.m and reaches Jammu Tawi next day at 11.30 am. Find the total time taken by the train.
- The weight of 25 bags of sugar is 625 kg. Find the weight of 35 bags of the sugar.
- Find out LCM of 75, 90 and 125.
- Find the perimeter of rectangle of length 60 cm and breadth 30 cm.
- Simplify $16 - [4 + 2 \{6 - (8 \text{ of } \frac{1}{2})\}]$
- A rectangular lawn is 40m by 30m. It has two roads of 2m wide running in the middle one parallel to the length and the other parallel to the breadth. Find the area of the roads.
- A pit 50 meter long, 40 meter wide and 1 meter deep is dug. Find the volume of earth dug out from the pit.
- Find the Area and circumference of a circle with diameter 14 cm.
- An angle is twice of its complement. Find the measures of the angle and its complement.
- The LCM of two numbers is 1080 and their HCF is 18. One of the numbers is 216, find the other number.
- Asha can finish a work in 15 days. The same work is finished by Nirmala in 12 days. In how many days both of them will finish the work while working together?
- A carpenter bought 6 chairs for Rs 90 each. He spent Rs 10 on each chair for painting. He then sold all the six chairs for Rs. 795. Find his profit or loss.
- Write true or false for the following statements.
 - A cylinder has two curved surfaces and one flat base.
 - A cone has two curved surfaces and one flat base.
 - A sphere has no flat faces.
- In the following pictograph the number of students liking various sports have been represented

☉ Scale = 5 Students

Cricket	☉☉☉☉☉☉☉☉☉☉
Football	☉☉☉☉☉☉
Kabbadi	☉☉☉☉☉☉☉
Khokho	☉☉☉☉☉☉☉☉☉☉☉☉☉☉☉☉

- With the help of this answers the following questions
- Which is the most favourite game of the students?
 - How many students like Cricket?
 - What is the difference between the number of students liking Kho-kho and Kabbadi.
- Sahil scored 95 marks out of 150 and Ankit scored 180 marks out of 250. Whose score is higher?
 - Jain borrowed Rs. 4500 at 12 paise for every rupee per annum. After 3 years he returned Rs 4000 and a wrist watch. Find the cost of the wrist watch.
 - Draw a circle with radius 3 cm and mark.
 - Its centre O
 - Diameter AB
 - An Arc CD
 - a chord PQ
 - A, B and C have a total of Rs 1500. The ratio of the money between A and B is 4:5. If C has Rs. 600, calculate the shares of A and B.
 - What is the greatest 6 digit number which is exactly divisible by 24, 15 and 36 ?
 - By selling a bed sheet for Rs.75, a man suffers 4% loss. What amount should he sell it so as to gain 20% profit ?
 - If $a = 2$, $b = 3$, and $c = 4$, find value of
 - $ab + bc$
 - $\frac{a(b+c)}{c(a+b)}$

- A chalk box measures 7 cm in length, 5 cm in breadth and 3 cm in height. How many chalk boxes can be placed in a box whose length breadth and height are respectively 49 cm, 25 cm and 15 cm ?
- Find average of 12 numbers if the average of the first 8 numbers is 21 and the average of the last four numbers is 18.
- Find the perimeter and area of the given figure ?



PART B : LANGUAGE ABILITY

- Write a paragraph of 15 sentences on the topic :- (5x3=15)
 An Important Day in My Life OR My Aim in Life
- Read the following passage carefully and answer the questions: (5x3=15)
 Kalidas is known as the Shakespeare of India. His name has been immortalised in the history of Sanskrit literature. He was at the head of the celebrated nine gems which adorned the court of king Vikramaditya. The poems and dramas of Kalidas have elicited unreserved praise not only from Indian Scholars but also from European critics like Maxmuller, a German. The age in which Kalidas flourished and the place where he was born are matters of dispute. But true genius is independent of time and place although the century of Kalidas is far more remote, his fame in shining with undiminished grandeur even in our own days.
 - Who is the Shakespeare of India?
 - Who was Maxmuller?
 - What is the language used by Kalidas for his literary works?
 - Where was Kalidas born?
 - What was the position of Kalidas in the court of King Vikramaditya?
- Make a sentence of your own for each underlined word given in the following passage. (Do not copy any sentence from the given paragraph). (5x2=10)
 Once a smart looking young man visited the office of a business man to look for a job. The manager though pleased with his behaviour said, "There is no vacancy for a clerk." The young man was very unhappy and turned to go. As he was passing out of the door way, he found waste papers scattered all around the entrance. He at once picked them up and dropped in the dust bin. The manager saw this and was greatly impressed. He thought that the applicant was good enough to be employed in the office. So he called him back and appointed him a clerk in his office.
- From meaningful sentences by rearranging the words/phrases in the proper order. (5x2=10)
 - animal / man / a / is / social
 - shimla / winter / went / we / during / to / holidays.
 - neighbour / is / photographer / a / our / good / very .
 - sentences / meaningful / the / make / following / to / words / phrases / and / rearrange.
 - will / next / my / be/ parents / meet / coming / to / me / week.
- Write a Leave application addressed to your Headmaster seeking two days leave to appear in Sainik Schools entrance examination. (10)
- Use each of the word in separate sentences of your own to show the difference in the meaning of the words of the pairs given below: (5x2=10)
 - Sale, sail
 - Throne, thorn
 - whether, weather
 - earn, yearn
 - cattle, kettle
- Choose correct form of pronouns from the brackets and fill in the blanks. (5x2=10)
 - We scored as many goals as _____ (they, them, their)
 - The horse fell down and broke _____ leg. (it, its, his)
 - The presents are for _____ and me. (you, yours, yourself)
 - wait for Hari and _____ (I, me, mine)
 - Nobody but _____ was present. (he, his, him)
- Change each of the following as directed. (5x2=10)
 - He had been sleeping till now since morning. (Change into Interrogative)
 - The garden will be looking its best next month. (Change into Negative)
 - He leads a most unhappy life. (Change into Exclamatory)
 - How beautiful is night! (Change into Assertive)
 - Who does not know the owl? (Change into Assertive)
- Fill in the blanks in the sentences below with suitable prepositions given in brackets (5x2=10)
 - Don't sit _____ the grass. It is wet. (in / at/ on)
 - There is a pair of shoes _____ the bed. (above/ around/ under)
 - The dog swam _____ the river. (by / beside / across)
 - I am sorry _____ what I have done. (by / for / with)
 - I felt nervous _____ the exam. (since / before / while)