Ecord фазова ссоловайоро - соох акс веро ильложића водаја двоотавани - ан издини ильложић ирерактмент оf Education – North central provinceImage: Cord of the cord o		
School :		
Part I		
 Answer all the questions in the paper itself. Each question carries 2 marks. 		
(01)Write next two numbers of the number pattern. 4, 9, 14, 19,		
(02) Write the suitable value for the blank.		
(-8) + (+3) =		
(03) Simplify $\frac{x}{2} - 1 = 5$		
(04) Draw the net righte of icosanedron and name the shape of a face which is used to make it.		
(05) When the time in Bangkok in the +7 time zone is 16:00, find the time in Athens in Greece in the +2 time zone.		
(06) According to the diagram, name an angle equal to "b".		
(07) Nimal has a $\frac{1}{5}$ of a certain amount of money. Express that as a percentage of the total amount.		
 (08) A = { letters in the word "RAJANGANAYA" } Write the elements of the cell A within curly brackets. 		

(09) Find the value of 72 ÷ 0.6	
(10) By using the equation find the value of $\sqrt{4}$	41
$441 = 3 \times 3 \times 7 \times 7$	
	JH-
(11) Find the total area of the following diagra	m. $4cm$ $4cm$ $4cm$ $10cm$
(12) Find the factors $ax + ay + 5x + 5y$	O MM
(13) The ratio between the number of cattle an find the number of goats in the farm.	d goats in a farm is 5:4. If the total number of animals is 270,
(14) Simplify, (-5) ³	
(15) Select the answer which can be the angles of a quadrilateral.	
i. 20°, 50°,90°, 100°	ii. 80°, 90°, 60°, 100°
iii. 60°, 120°, 50°, 90°	iv. 120°, 130°, 50°, 60°
(16) Write the reciprocal of $3\frac{2}{7}$	





 (04) a) A = {2, 3, 5, 7} i. Fill in the blanks with ∈ or ∉ as appropriately. 3{A} (01 mark) ii. Write the value n(A) (02 marks) iii. Write an example for a null set. b) i. 1¹/₄ cubes of soil is carries by a truck at one turn. Find the minimum number of turns it should take for carrying 15 cubes of soil. ii. It is proposed to display banners for a blood donation campaign. 1³/₄ m of cloth is needed to make one banner. 		
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ii.Write the value $n(A)$ (02 marks)iii.Write an example for a null set.(02 marks)b)i. $1\frac{1}{4}$ cubes of soil is carries by a truck at one turn. Find the minimum number of turns it should take for carrying15 cubes of soil.(3 marks)ii. It is proposed to display banners for a blood donation campaign. $1\frac{3}{4}m$ of cloth is needed to make one banner.		
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Find the total length of the cloth that is needed for making 8 such banners . (3 marks)		
(05) a) i. Tree bulbs, red, blue and yellow are lighting once in every 10 minutes, 15 minutes and 30 minute		
respectively. If the 3 builds if up together at 6.20 p.m., at what time will they light up together again? (02 marks) ii. If $p = 5$, find the value of $3(2p - 6)$ (02 marks)		
b) i. The daily wages of a person is Rs. x and overtime payment for one hour is Rs. 250. If Gamini works an extra one hour daily, write the algebraic expression for the amount of money he earned per day by using x (02marks) ii. if the total income earned by Gamini working for 5 days is Rs.7500, write the equation including x .		
(02marks)		
iii. Calculate the daily wage of Gamini by simplifying the above equation. (03 marks)		
(06) a) A 5% of a bulk of electric bulbs bought by a seller was broken during transportation. If the number of broken bulbs is 20		
i. Find the number of bulbs bought by the seller. (2 marks)		
ii. Find the number of unbroken bulbs. (2 marks)		
iii. If he bought one bulb for Rs. 80, find the total loss of this deal. (2 marks)		
b) i. The number of edges in a certain pyramid with a square shaped base is B. Write the number of faces and		
vertices of it. (03marks)		
ii. Write the Euler's relationship. (02 marks)		



