## SUBJECT: MATHEMATICS

INSTRUCTION: Answer all questions.

1. $3^{2}+4$ (a) 30 (b) 5 (c) 13
2. $2 \sqrt{24}$ is ___ (a) 14 (b) 12 (c) 15
3. 60 minutes makes ___ (a) 2 hours (b) 1 hour (c) 30 hours
4. $435-205=$ (a) 230 (b) 130 (c) 330
5. Is 1.82 closer to 1 or 2 ? (a) 1 (b) 2 (c) 3
6. What will be the in 12 minutes? 06:39. (a) 06:51 (b) 7:00 (c) 7:15
7. Write $5_{3}^{2}$ as improper fraction. (a) $\frac{16}{3}$ (b) $\frac{17}{3}$ (c) $\frac{15}{3}$
8. Write $\frac{20}{6}$ as a mixed number (a) $2 \frac{2}{6}$ (b) $3_{6}^{1}$ (c) $3_{6}^{2}$
9. $2^{4}=$ $\qquad$ (a) 15 (b) 16 (c) 17
10. Draw clock hands to show 9:25
11. This is $\triangle \triangle$ (a) rectangular pyramid (b) triangular pyramid (c) triangular prism
12. What is this $3-\mathrm{D}$ shape
13. What shape is this?

14. $\frac{1}{2}+\frac{1}{4}=$ ? (a) $\frac{2}{4}$ (b) $\frac{3}{4}$ (c) $\frac{1}{4}$
15. $7 \times 9=$ ? (a) 60 (b) 61 (c) 63
16. $0.7+0.3=$ ? (a) 0.10 (b) 1.0 (c) 10.0
17. Draw clock hands to show 6:30
18. What triangle shape is this $\qquad$孝
(a) scalene (b) isosceles (c) equilateral
19. Xxxviii is $\qquad$ (a) 36 (b) 137 (c) 38
20. What shape is this $\qquad$ $\square$
(a) cube (b) box (c) cuboid

## Part B

1. Express the following in grams
a. $\quad 2 \mathrm{~kg}$
b. $\quad \frac{7}{10} \mathrm{~kg}$
c. $\quad 2_{4}^{1} \mathrm{~kg}$

Change to metres
d. 1.241 km
e. 21.32 km
2. Find the area of the followings

3. Add up 10.011, 5.441, 1.81, 1.081
i. A car uses 4.7641 out of the 9.3211 of petrol in its petrol tank how much petrol is left in it tank how much petrol is left in its tank?
ii. Find in liters the sum 13.6541 and 16.3461 .
iii.Find in liters the sum 9.681 and 6.251
iv. Subtract the following in liters. 4.6041 from 8.6251
4. Draw a bar graph to show the information

| Name of class | 1 | 2 | 3 | 4 | 5 |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Number of <br> pupils in class | 36 | 38 | 35 | 30 | 32 |

How many children are there in the school?
5. a. Find the LCM of the following (a) 2, 4 and 16 (b) 20, 25, 30 (c) 40 and 55
b. Find the HCF of the following (a) 10,15 and 30 (b) 20,30 and 45

