

JB Academy, Faizabad
Summative Assessment-I 2016-2017
Class VI (Subject: Mathematics)

TIME: 3 hr

Max Marks:-100

Section A (Mental Maths.)

1×10=10

1. Write the smallest 3-digit number having 3 distinct digits.
2. What least value should be given to x so that the number 6342x1 is divisible by 3?
3. (35, 36) is a co-prime number. (T/F).
4. H.C.F. of smallest prime number and any even number greater than 2 is?
5. Which of the following is not zero?
a) 0×0 b) $(6-6) \div 2$ c) $0 \div 2$ d) $4+0$
6. Solve $9+8+7+93+92+91$ by suitable rearrangement.
7. State true or false:- a) $40-72 = 72-40$ b) $18+(4+7) = (18+4)+7$
8. $1-2+3-4+5-6+7-8+9-10 = \dots\dots\dots$
9. Sum of a positive and negative integer cannot be positive (T/F).
10. What angle hands of a clock will make if it start
a) From 10pm to 4am b) from 1am to 8 am.

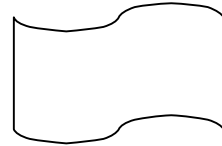
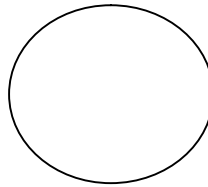
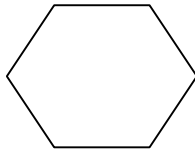
(Section B)

2×10=20

11. Fill in the blanks:
A) 1 Lakh =ten thousand
B) 1 crore = Ten lakh
C) 1 million =lakh
D) 1 crore= million
12. Solve :- a) XLV+LXIII b) XCII + LXXVI
13. Do in copy:

14. Find the L.C.M. of 18,24,36,45.
15. Find H.C.F. by LDM : 1044, 1512.
16. Solve by using property and mention the property used: $16 \times 75 + 225 \times 16$
17. Solve by using property and mention the property used: $593 \times 99 + 593$

18. Which of the following are not polygon



19. Match the following:

- | | |
|-------------------|--|
| A) Straight angle | 1) more than half a revolution |
| B) Right angle | 2) half of a revolution |
| C) Obtuse angle | 3) one complete revolution |
| D) Reflex angle | 4) between $\frac{1}{4}$ and $\frac{1}{2}$ of a revolution |
| | 5) one fourth of a revolution |

20. Identify the types of triangles: a) 6cm, 8cm, 10cm b) 30° , 60° , 90°
 c) 5.8cm, 7cm, 5.8cm d) 109° , 40° , 31°

(Section C)

4x10=40

21. Estimate following: **A)** $7345 + 15893$ (nearest to 1000)

B) $7789-539$ (nearest to 100)

C) 48×73

D) $9242 \div 85$

22. Sunil purchase 13 kg of potatoes at the rate of Rs 22/kg , 7 kg of tomatoes at the rate of Rs 35/kg and 6l milk at the rate of Rs 42/l. he gave a Rs 1000 note to the shopkeeper. How much money will he get back?

23. Determine the greatest number that will divide 445, 572, and 699 leaving remainder 4, 5, 6 respectively.

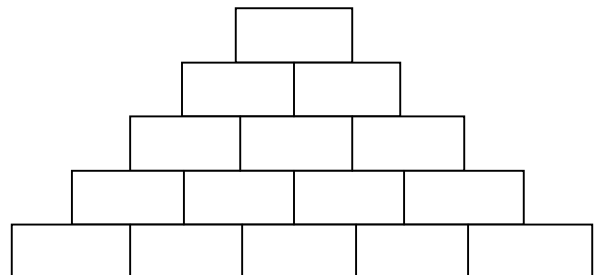
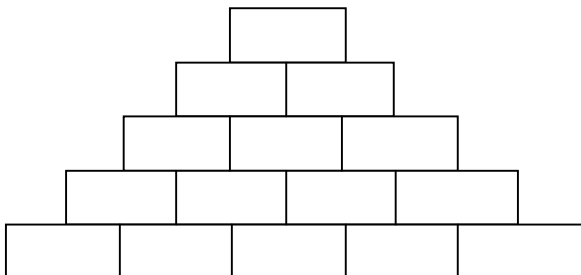
24. Find the smallest 4 digit number which is divisible by 18, 24, 32.

25. Multiply by suitable rearrangement:

a) 25, 598, 4 b) 80, 394, 4 c) 16, 80, 25, 5273 d) 16, 3982, 625

26. Determine the product of the greatest number of 3 digit and the greatest number of 2 digit by using properties.

27.



28. Simplify: a) $200 + (-55) - (-77)$

b) $502 - (-345) + (-502) + 145 - 1700$.

29. Draw a circle of radius 5cm and mark: **a)** radius **b)** centre **c)** longest chord
d) a point in interior **e)** a point in exterior **f)** an arc **g)** a segment **h)** a sector.
30. Measure and classify each angle:

(Section D)

6x5=30

31. You may add, subtract, divide, or multiply. Can you find the target number by using three given number?

Numbers

target number

- i)
- ii)
- iii)
- iv)
- v)
- vi)

32. Find the least number which when divided by 28, 56, and 70 leaves remainder 3 in each case.

33. Subtract the sum of (-35) and (-85) from the sum of (-81) and 128.

34. Subtract the sum of (-319) and 220 from the sum of 416 and (-370).

35. Complete the table:

QUDRILATERAL	OPPOSITE SIDES		ALL SIDES EQUAL	OPPOSITE ANGLES EQUAL
	Equal	Parallel		
PARALLELOGRAM				
RECTANGLE				
SQUARE				
RHOMBUS				
TRAPEZIUM				
