

INTERNATIONAL INDIAN SCHOOL, DAMMAM

SUMMATIVE ASSESSMENT-I (2015-2016)

CLASS : VI

MAX. MARKS : 90

SUBJECT : MATHEMATICS

SET –A

DURATION: 3 HOURS

Instructions:-

1. All questions are compulsory.
2. The question paper consists of 34 questions divided into 4 sections:-Section A, Section B, Section C and Section D.
3. Section A contains 8 multiple choice questions of 1 mark each, Section B contains 6 questions of 2 marks each, Section C contains 10 questions of 3 marks each and Section D contains 10 questions of 4 marks each.
4. There is no overall choice. However internal choice has given in one question each in Section B, Section C and Section D.

SECTION – A (1 X 8 = 8)

Answer the following:

1. Find two common multiples of 3 and 6.
2. Find the sum of (-7) and additive inverse of (-7).
3. Find the difference between greatest one digit whole number and smallest whole number.
4. How many million makes 1 crore.
5. Which is the successor of largest five-digit number?
6. Write all the prime numbers between 10 and 20.
7. Find the smallest five digit number formed with the digits 7,5,0,9.
8. The radius of circle is 6cm. What is its diameter?

SECTION – B (2 X 6 = 12)

9. Write in expanded form, of the following:

- a) 98325
- b) 5807010

10. Rohan is asked to collect data for size of shoes of 30 students in his class and he records his findings in the manner shown: 5,4,7,5,6,7,6,5,6,6,5,4,8,5,6,
8,7,4,6,5,6,4,8,7,6,5,7,6,6,4.

Prepare a table using tally mark.

11. Represent the following numbers as integer with appropriate sign:
- a) Withdrawal of Rs. 780.
 - b) Profit of Rs. 100
12. Find the common factors of 5, 15 and 25.
13. Using number line, find the value of 4×3









14. Insert commas suitably and write the number name of 3010550 in Indian and International system of numeration.

OR

14. Estimate and find the value of $5998 - 599$ by rounding off to nearest hundreds.

SECTION – C (3 X 10 = 30)

15. The following pictograph represents the sale of books in a store on different days of a week.

Days	Number of books  =5 books
Sunday	
Monday	
Tuesday	
Wednesday	
Thursday	
Friday	
Saturday	

Answer the following questions:

- Which day has the minimum sale? How many books sold on that day?
 - Which day has maximum sale? How many books sold on that day?
 - How many books sold in one week?
16. a) Find the sum of $(-3) + (-4)$ on a number line.
b) Subtract (3) from (-31)

OR

16. Using the number line, write the integer which is:
- 3 more than 5
 - 4 less than (-2)
17. Using divisibility test, check the divisibility of 901153 by 11.
18. Find the product using suitable property:
- 211×103
 - 258×99
19. Estimate the sum by rounding off to the nearest thousands:
 $7,890 + 2,305 + 5,575$;
20. Find the sum of the greatest and smallest six-digit number formed by 5,1,4,2,3,6 using each digit only once.

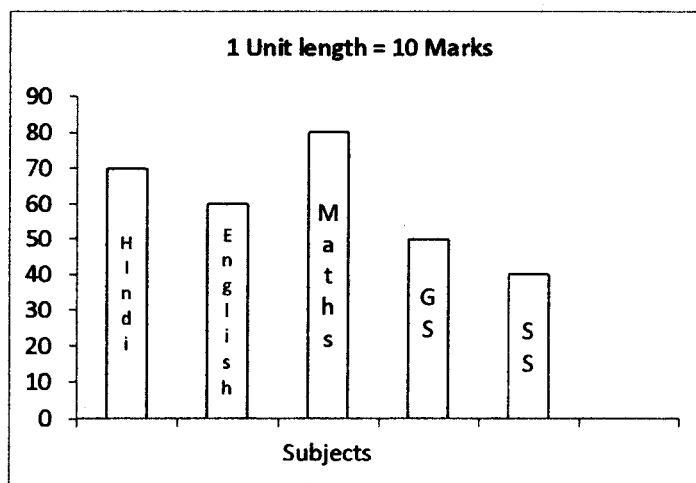
21. Find the prime factorization of:

- a) 90 –using Factor tree.
- b) 980 – by division method.

22. Write:

- i) Any four integers less than 3.
- ii) Any four integers greater than (-11).
- iii) All integers between (-3) and 2.

23. Observe the following bar graph, which shows the marks scored by Rohan in SA-1.



Answer the following questions:

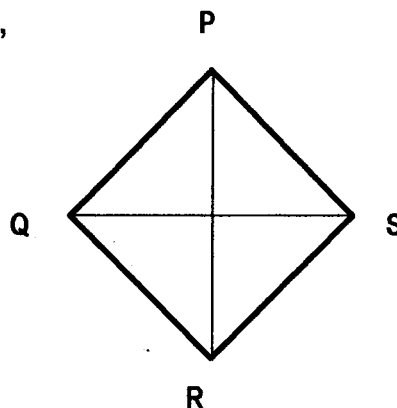
- a) What information does the bar graph give?
- b) Which subject he scored maximum marks?
- c) What is the difference between maximum marks and minimum marks he scored?

24. Find the value of $376 \times 999 + 376$ using suitable property.

SECTION – D (4 X 10 = 40)

25. Observe quadrilateral PQRS and name,

- a) 2 pairs of opposite sides.
- b) 2 diagonals.
- c) 2 pairs of opposite angles.
- d) 2 pairs of adjacent angles.



26. Add without using a number line,
 $2320 + (-440) + 370 + (-540) + 50 + (-1)$

27. Find the least number which when divided by 9, 15 and 18 leave remainder 7 in each case.

OR

27. Determine the smallest 3-digit number which is exactly divisible by 6, 8 and 12.

28. Determine the sum of three numbers as given below,

a) Successor of 29.

b) Predecessor of 51.

c) Predecessor of the predecessor of 322.

29. A survey of 125 school students was done to find which types of book they read in Library week.

Types of books	Number of students
Story	45
Novel	25
Comic	30
Journals	20
Autobiography	5

Draw a bar graph to illustrate the above data taking scale of 1 unit length=5students

30. a) Estimate and find the product by rounding off nearest tens, 3239×23 .

b) Veena had Rs.78, 592 with her. She ordered 40 radio sets at Rs. 1200 each. Find the amount left with her.

31. Find the sum by suitable arrangement and mention the property used.

a) $1783 + 4362 + 217 + 638$.

b) $297 \times 117 - 297 \times 17$.

32. Three petrol tanks contain 630 liters, 585 liters and 360 liters of petrol respectively. What is the maximum capacity of a container that can measure the petrol of the three containers exact number of times?

33. In a group of 50,000 people, 27,000 people watch News channel, 17,000 people watch Sports channel and rest watch Discovery channel. How many people watch Discovery channel ?

34. a) Find the value of $(-8) + (10)$ using number line.

b) Subtract the sum of (-1090) and 90 from (-800)