

INTERNATIONAL INDIAN SCHOOL DAMMAM

SUMMATIVE -I 2014-15

**CLASS VI
SUBJECT: MATHEMATICS**

**MAX. MARK: 90
DURATION: 3 HOURS**

INSTRUCTIONS: SET A

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 mark each, Section C contains 10 questions of 3 mark each and Section D contains 10 questions of 4 mark each.
4. There is no overall choice. However internal choice has been given in 1 question each in Section B, Section C and Section D

SECTION - A (1 X 8=8)

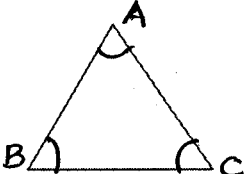
Choose the correct answer:-

1. Which of the following is the prime factorization of 36
a) 9×4 b) $3 \times 3 \times 2 \times 2$ c) $6 \times 2 \times 3$ d) $3 \times 3 \times 4$
2. Radius of a circle is 3.5 cm. Then its diameter is
a) 2×3.5 cm b) $3.5/2$ cm c) 3.5 cm d) 3 cm
3. A ray has _____
a) one starting point b) two end points c) no end point d) none
4. A collection of numbers gathered to get some information is called
a) Range b) Data c) Frequency d) Information
5. The sum of two odd numbers is always
a) Even b) odd c) both a and b d) none
6. Which of the following gives the quotient as a natural number
a) $0/8$ b) $18/1$ c) $1/2$ d) $10/20$
7. Ten lakh = _____ million
a) ten million b) 1 million c) 100 million d) none
8. The sum of the face value and place value of 4 in 64182 is
a) 4400 b) 4000 c) 4004 d) 4040

SECTION -B (2X6=12)






9. (a) Express 53 as the sum of three odd primes.
(b) How many whole numbers are there in between 75 and 101.
10. The total number of children in 20 families in a locality are given below
2,2,3,2,1,3,3,2,2,1,2,2,3,1,2,1,1,3,2,2. Represent this information in a frequency distribution table.
11. Estimate the difference by rounding of the nearest hundreds
8260--4919
12. Simplify using properties of whole numbers
 $54298 \times 93 + 7 \times 54298$
OR
12. Find the product using suitable rearrangement: $125 \times 40 \times 8 \times 25$
13. Find factors of 120 using factor tree .
14. Using Number Line find the value of 2×5 .

SECTION- C(3X10=30)

- 15 .Name the given triangle and identify the
- a) Side opposite to $\angle B$
b) Angle opposite to \overline{BC}
c) Vertex opposite to \overline{AB}
- 
- 16 Find the difference between the greatest and smallest number that can be written using the digits 6,2,7,4,3 each only once
17. A taxi driver filled his car petrol tank with 40 litres of petrol on Monday. The next day he filled the tank with 50 litres of petrol .If petrol costs Rs 44 per litre, how much did he spend on all on petrol?
18. Write the factors of 38.Is it a perfect number?
19. Find the answer in the blank space
- i. $65 \times 95 = 65 \times (\square + 5)$
ii. $139 \times \square = 0$
iii. $1216 \div \square = 1216$
iv. $27 \times 18 = 27 \times 10 + 27 \times \square$
v. $6090 \div \square = 1$
vi. $13 \times 15 \times 79 = 79 \times 15 \times \square$
20. Insert commas suitably and write the names according to Indian and International system of numeration: 7892109
21. Using divisibility test check 405528 is divisible by 6

22. Read the following Pictograph and answer the following questions.

Scale:  = 5 plants

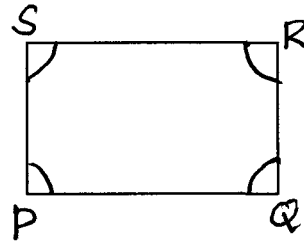
Flower Plant	Cost per plant	No of plants
Rose	Rs 30	
Chandni	Rs 25	
Sadabahar	Rs 10	
Marigold	Rs 10	
Croton	Rs 50	

- What is the total number of plants?
- Which two types of plants have the same total cost?
- What is the total cost of Chandni plant?

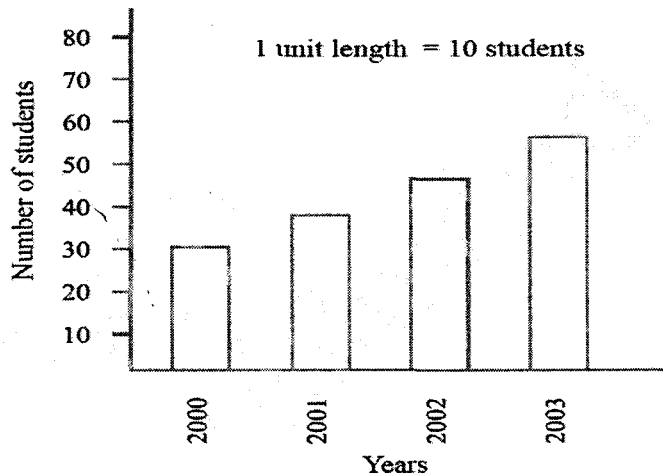
23. From the given quadrilateral PQRS Name

- All the angles
- Any two pair of adjacent sides
- Pair of opposite angles

OR



23. Read the adjoining bar graph showing the number of students in a particular class of a school. Answer the following questions



- What is the scale of this graph?
- How many new students are added every year?
- Is the number of students in the year 2003 twice that in the year 2000?

24. Find the LCM of 15, 25 and 30

SECTION-D (4X10=40)

25. Find the sum using suitable arrangement and mention the property used: $756+638+4244+4362$

26. The following are the number of students admitted in a school in different classes

Classes	VI	VII	VIII	IX	X	XI	XII
No of Students	20	26	30	34	24	32	34

Choose appropriate scale and draw the bargraph to represent the above information.

OR

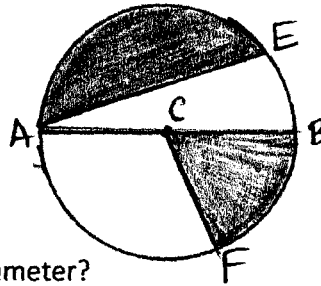
26. The data given below shows the average rain fall in Cherrapunji from June to November of a certain year.

Month	June	July	August	September	October	November
Rainfall(in cm)	30	35	25	20	15	15

Draw a bargraph to represent this information.

27. (i) From the given figure Identify

- (a) The centre of the circle
- (b) The longest chord
- (c) a sector
- (d) a segment



(ii) What is the relationship between radius and diameter?

28. The length, breadth, height of a room are 825 m, 675 m, 450 m respectively. Find the longest tape which can measure the 3 dimensions of the room exactly.
29. Sheela had Rs 50000 with her. She ordered 35 radio sets. If the cost of one radio set is **Rs 1300** Find the amount left with her.
- 30 Find

- a) 12×98 using distributive property
- b) Write three whole numbers occurring just before 10001

31. a) A number is divisible by both 5 and 2. By which other number will that number be divisible?
b). Find the first three common multiples of 6 and 8
32. A dairy supplies 40 litres of milk in the morning and 15 litres of milk in the evening if the cost of the milk is Rs 24 per litre. Find the total sale in Rupees.
33. Find the smallest 4 digit number which is divisible by 18, 24 and 32.
34. To stitch a shirt 2m 15 cm cloth is needed. Out of 40 m cloth how many shirts can be stitched and how much cloth will remain?