

Total Time: 45 minutes	Part A: Multiple Choice Question	Total Marks: 30
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General Instructions:

1. Read carefully and attempt all questions.
2. Encircle the correct options of each of the multiple choices Questions (MCQ) as shown in the example given below.





Example: He is.....to school.

(A) go (B) went (C) gone (D) going

3. Use blue/black ink for writing. Use of lead pencil is not allowed.
4. If more than one options are encircled, no marks will be given.

Instructions: Twenty Five (15) Questions are given in this part. Each question carries 2 Marks

1	We put space after every _____ digits in numbers. A) 2 B) 5 C) 4 D) 3	
2	1.3 _____ 1.6 A) < B) > C) = D) none of these	
3	When we multiply a number by _____ , we put 3 zeros to the right side . A) 10 B) 100 C) 1 000 D) 1	
4	We represent percentage by the symbol _____. A) < B) % C) ≤ D) ÷	
5	There are _____ days in 10 months. A) 300 B) 30 C) 15 D) 45	
6	The price of a book is Rs 250 , the price of 5 books will be Rs _____ A) 50 B) 1000 C) 1250 D) 2500	

7	<p>Two angles are called _____ angles if there sum is 180°.</p> <p>A) Complementary B) supplementary C) adjacent D) None of these</p>	
8	<p>The supplement of 20° is:</p> <p>A) 160° B) 40° C) 70° D) 80°</p>	
9	<p>Which of the following shape is not a quadrilateral:</p> <p>A)  B)  C)  D) </p>	
10	<p>A triangle, in which its ___ sides are equal, is called an isosceles triangle.</p> <p>A) 1 B) 2 C) 3 D) 4</p>	
11	<p>Formula to find the perimeter of the square is:</p> <p>A) $4+l$ B) $4-l$ C) $4l$ D) $1 \times$</p>	
12	<p>Area of a rectangle is 45m^2. If its length is 15m then its width is :</p> <p>A) 6m B) 3m C) 5m D) 15</p>	
13	<p>$\frac{\text{sum of quantities}}{\text{number of quantities}} = \underline{\hspace{2cm}}$</p> <p>A) Area B) perimeter C) Average D) product</p>	
14	<p>$900000+80000+7000+500+10+6$ is the expanded form of _____</p> <p>A) 908751 B) 987051 C) 987516 D) 987510</p>	
15	<p>The place value of 2 in the number 985 621 is _____</p> <p>A) 2 B) 20 C) 200 D) 2000</p>	

Time: 2 Hours	Part B: Open-ended Questions	Total Marks: 70
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General Instructions:

1. Read carefully and attempt any (15) short questions.
2. No additional pages will be given for writing.
3. Students are allowed to use both blue/black inks only.
4. Use of lead pencil is not allowed.

16	<p>Define area and perimeter</p> <p>.....</p> <p>.....</p>	
17	<p>Multiply: 78 543 × 49</p> <p>.....</p> <p>.....</p>	
18	<p>Find LCM of 15, 30</p> <p>.....</p> <p>.....</p>	
19	<p>Solve: $\frac{3}{7} \times \frac{14}{18}$</p> <p>.....</p> <p>.....</p>	
20	<p>12% of apples in a basket are red. Write this percentage in fraction.</p> <p>.....</p> <p>.....</p>	
21	<p>The height of Minar-e-Pakistan is 70m. What will be its height in centimeters?</p> <p>.....</p> <p>.....</p>	
22	<p>Define isosceles triangle.</p> <p>.....</p> <p>.....</p>	
23	<p>Find the Average of 5, 15, 30, 25, 40</p> <p>.....</p> <p>.....</p>	
24	<p>Define and draw rectangle.</p> <p>.....</p>	

25

Solve: $5\frac{5}{9} \div 9\frac{6}{7}i$

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26

Write in descending order. 4.32, 4.68, 0.31, 4.23, 4.31

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27

Write the place value of highlighted digit in (I)682 ,(ii)456

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28

Convert $\frac{7}{8}$ into decimal.

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29

An author writes a book in 90 days. In how many months does he write the book?

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30

Define complementary angles.

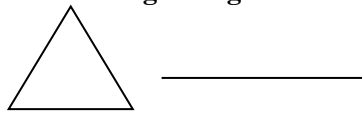
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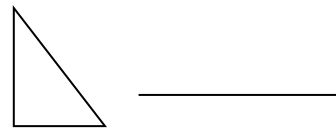
31

Identify the following triangles.

(i)



(ii)



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32

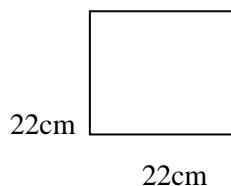
Find the supplement of 3°

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33

Find the area of a given square.



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SUBJECTIVE PART

Attempt any 8 Long Questions.

Total marks: 40

34

Solve $9\frac{1}{9} \times 10\frac{1}{3} \times 5\frac{1}{2}$

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35

Define triangle. Also write the names of its types with respect to their sides and angles.

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36

The speed of light in vacuum is 299 792 kilometers per second.

1. Write it in words.
2. Write it in expanded form.
3. Write the place of each digit in it

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37

Find the HCF by division method. 24, 48, 72

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38

Multiply.

(i) 5.49×23

(ii) 2.82×2.5

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39

The cost of 35 registers is Rs 5 075. Find out the cost of 1 register.

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40

To practice for a marathon, Raheel ran $\frac{1}{4}$ km on Monday, $\frac{7}{8}$ km on Tuesday, $\frac{15}{6}$ km on Wednesday. Find out how many kilometers did he run in these days?

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41

Solve. $8.19 \div 18$

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42 Find the LCM by prime factorization 49, 51, 56

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43 Omar’s monthly income is Rs. 13 582. Find out his total income in 134 months.

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44 Convert.

(i) 1 970 m into km

(ii) 67 m into cm

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45 During a visit to a zoo the children saw different number of animals whose detail is given below. Draw its vertical bar graph.

Animals	Lion	Elephant	Monkey	Cheetah	Snake	Giraffe	Zebra
No of Animals	4	2	8	3	12	6	10

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