## SCHOOL LEVEL EXAM (2024 – 2025)



## **INSTRUCTIONS TO THE STUDENT'S**

- 1. Please do not open this question paper unless you are instructed to do so.
- 2. Additional 5 minutes will be given to the candidates for filling up the student's details before the start of the competition.
- 3. The paper consists of 5 different chapters of the textbook.
- 4. All questions are compulsory and consist of equal marks.
- 5. Each question is carrying 2 marks, there is no negative marking.
- 6. There is only one correct answer, hence mark one answer only.
- 7. Darken the circle with dark pencil or blue/black ball pen only.
- 8. Return the answer sheet along with the question paper to the supervisor at the end of the exam.
- 9. Extra Blank pages can be used for rough calculations.

Name	 
SCHOOL	 
ROLL NO -	 CLASS

1. What do we call a point th	hat is exactly halfway b	etween two other points?
A) Midpoint	B) Endpoint	C) Intersection
2 Three or more points which	ch lie on a single straig	ht line are said to be
A) non-collinear	B) collinear points	C) distinct points
3. If two lines are perpendicu	ular to each other, wha	at is the measure of each angle formed?
A) 45 degree	B) 90 degree	C) 180 degree
	-,	-,
4. How many degree are the	re in a complete circle	?
A) 90 degree	B) 180 degree	C) 360 degree
,	,	-,
5. What is the supplement o	f a 40 degree angle?	
A) 50 degree	B) 90 degree	C) 140 degree
6. In a rectangle, what is the	measure of each angle	2?
A) 45 degree	B) 90 degree	C) 180 degree
7. What is the measure of an	acute angle?	
A) Less than 90 degree	B) Exactly 90 degree	C) More than 90 degree
8. What is the complement of	of a 20 degree angle?	
A) 40 degree	B) 70 degree	C) 80 degree
A) to degree	by to degree	
9. In a triangle, if all three an	gles measure less than	n 90 degree, what type of triangle is it?
A) Equilateral triangle	B) Acute-angled trian	gle C) Right-angled triangle
10. Which of the following a	ngles is an example of	an obtuse angle?
A) 45 degree	B) 90 degree	C) 120 degree
11 What is the opposite of 2	002	
	.U: _D\20	
A) 20	B) -20	()0
12. What is the sum of -20 a	nd 10?	
A) -10	B) 10	C) 30
.,	_,	-,
13. What is (-14) - (-6) + 8 eq	uals	
A) -6	B) -4	C) 0
14. The sum of -7, 5, and -9 i	S	
A) -11	B) -12	C) 11

15. What is the difference of	-6 and -2?			
A) 1	B) -2	C) -4		
169 is than 3.				
A) less	B) greater	C) equal		
17. Which integer is greater,	-25 or -30?			
A) -25	B) -30	C) Both are equal		
18. Which of the following in	tegers is the smallest?			
A) -10	B) 6	C) -4		
19. What is the Product of -9	and -3?			
A) 27	B) 0	C) -27		
20. The sum of -3, 7, and -9 is	S .			
A) -5	B) 5	C) -15		
21. Convert 7 $\frac{2}{9}$ into an imp	roper fraction.			
A) $\frac{9}{2}$	B) $\frac{9}{7}$	C) $\frac{65}{9}$		
22. A recipe calls for $\frac{3}{4}$ cup of cups of flour does she need i	flour. If Lucy wants to make 2 n total?	2 batches of the recipe, how many		
A) $\frac{3}{2}$ cups	B) $\frac{1}{4}$ cup	C) $\frac{3}{8}$ cup		
23.What is $\frac{2}{3}$ multiplied by $\frac{3}{4}$ e	equals:			
A) $\frac{1}{4}$	B) $\frac{1}{3}$	C) $\frac{1}{2}$		
24. A hose fills $\frac{2}{5}$ of a tank in :	1 hour. How many hours will i	t take to fill $\frac{3}{5}$ of the tank?		
A) 1.5 hours	B) 2.5 hours	C) 3.75 hour		
25. John bought a 5 $\frac{1}{3}$ pound he buy in total?	watermelon and a $3\frac{2}{3}$ pound	cantaloupe. How much fruit did		
A) $9\frac{1}{6}$ pounds	B) 8 $\frac{2}{3}$ pounds	C) 9 pounds		
26. A contractor used $6\frac{3}{4}$ lite	ers of paint for one room and	$4\frac{1}{2}$ liters of paint for another		
A) 11 $\frac{1}{2}$ liters		() $10^{\frac{1}{2}}$ liters		
$n_1 \perp \frac{-}{4}$ mers		$C_{1} = \frac{10}{4}$		

27. John wants to divide  $\frac{4}{7}$  of a pie equally among  $\frac{1}{4}$  of his family members. How much pie does each family member receive?

A)  $\frac{4}{28}$  of the pie B)  $\frac{1}{7}$  of the pie C)  $\frac{16}{7}$  of the pie

28. John walked 2.5 kilometers in the morning and 1.8 kilometers in the evening. How far did he walk in total?

A) 4.3 kilometers	B) 3.7 kilometers	C) 4.2 kilometers
29. What is $\frac{2}{3} \div \frac{1}{4}$ ?		
A) $\frac{8}{3}$	B) $\frac{8}{12}$	C) <sup>6</sup> / <sub>5</sub>
30. If 8.4 + 3.6 = x, what is th	ne value of x?	
A) 11.0	B) 12.0	C) 11.6
31. Which of the following n	umbers is divisible by both 2 a	and 5?
A) 35	B) 40	C) 57
32. Which of the following n	umbers is divisible by 4 but no	ot by 8?
A) 24	B) 32	C) 36
33. Which of the following n	umbers is divisible by both 13	and 17?
A) 187	B) 221	C) 238
34. Which of the following n	umbers is divisible by both 20	0 and 225?
A) 4000	B) 7200	C) 5000
35. Which of the following n	umbers is divisible by both 25	and 20?
A) 500	B) 525	C) 555
36. Which of the following n	umbers is divisible by 3, 4, and	d 6?
A) 18	В) 24	C) 30
37. Which of the following n	umbers is divisible by 8?	
A) 72	B) 81	C) 98
38. Which of the following n	umbers is divisible by both 5 a	and 7?
A) 35	B) 42	C) 56
39. Which of the following n	umbers is divisible by 5?	
A) 27	B) 35	C) 42

40. Which of the following numbers is divisible by 2, 3, and 9? A) 27 B) 24 C) 18					
41. Calculate the HCF of 28 a	nd 35.				
A) 2	B) 7	C) 14			
42. Determine the HCF of 36	and 54.				
A) 6	B) 9	C) 18			
43. Calculate the HCF of 30, 4	15, and 60.				
A) 5	B) 15	C) 30			
44. A factory produces products on an assembly line every 15 days, another line every 18 days, and yet another every 24 days. How often will all lines produce products on same day?					
A) Every 300 days	B) Every 360 days	C) Every 720 days			
45. Calculate the LCM of 18 a	ind 27.				
A) 54	B) 36	C) 72			
46. What is the LCM of 12 an	d 15?				
A) 60	50 B) 30 C)				
47. A bus company has two routes. Route A runs every 20 days, while Route B runs every 25 days. If both routes start today, after how many days will they both start on the same day again?					
A) 50	A) 50 B) 100				
48. Determine the LCM of 20	0 and 250.				
A) 500	B) 400	C) 1000			
49. A factory produces three types of products. Product A is produced every 6 days, Product B every 8 days, and Product C every 10 days. How often will all three products be produced on the same day?					
A) Every 120 days	B) Every 124 days	C) Every 140 days			

50. A bus route operates every 15 minutes, another route every 20 minutes, and a third route every 30 minutes. How often will all three routes coincide at the same bus stop?

A) Every 120 minutes B) Every 180 minutes C) Every 60 minutes

## **ANSWER SECTION**

No.	Ans								
1	A	11	В	21	С	31	В	41	В
2	В	12	А	22	A	32	С	42	С
3	В	13	С	23	С	33	В	43	В
4	С	14	А	24	А	34	В	44	В
5	С	15	С	25	С	35	А	45	А
6	В	16	А	26	А	36	В	46	А
7	А	17	А	27	С	37	А	47	В
8	В	18	А	28	А	38	А	48	С
9	В	19	А	29	A	39	В	49	А
10	С	20	А	30	В	40	С	50	С