

Grade : 5 Total Marks : 60 Time : 1 Hr

Reasoning

1. Select the correct mirror image of the fig (X) if the mirror is placed along PQ.



2. Which of the following options can complete the pattern in Fig (X)?







A. A

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3. In a certain code language, GENIUS is coded as FCKEPM. How will WINNER be coded in that language?					
A. SPLLCS	B. SPLKCS	C . SPLLCO	D. SPMLCS		

4. If carpenter is called plumber, plumber is called baker, baker is called mason and mason is called carpenter, then who makes cakes for us?

A. Baker	B. Mason	C . Plumber	D. Carpenter

5. Ravi is facing post office. He turns 225° anticlockwise. What will he face after the turn?



6. Which of the following venn diagram represents the relationship amongst Metal, Gold and Wood?



9. Which of the following is the view of fig. (X) after 15/4 rotation clockwise?

B. 82

A. 97

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C. 100

D. 107



13. There is a certain relationship between fig. P and fig. Q. Establish a similar relationship between fig. R and fig. S by selecting a suitable figure from the given options.

	Fig. P	Fig. Q	Fig. R F	? :ig. S	
		(B)			
Α	B . B	c	2. C	D . D	

A . 592	B . 523	C . 237	D . 995

15. Which of the following figure will continue the same problem series as shown below?

Problem Series (B) (A) (C) (D) **B**. B **C**. C **D**. D **A**. A

16. A bottle had 3 1/4 litres of water. Shanu drank 3/4 litres of water and Aarav drank 1 litres of water from the bottle. How much water is left in the bottle ?

A. 2 1/2 B. 1 1/2 C. 3 1/2 D. 2 1/4

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If the perimeter of the	field is 72 m than find the length	n of the field?	
A . 12 m	B . 6 m	C . 24 m	D . 36 m
18. In a chess board t blocks will be white ?	here are total 64 blocks (32 whit	e and 32 black). If 8 white blocks	are painted black than what fraction of total
A . 1/8	B . 3/8	C . 5/8	D . 7/8
19. Asha can eat 3 ba	nanas a day. How many days wil	l it take her to eat 12 dozens of b	ananas ?
A . 48	B . 44	C . 40	D . 36
20. Sum of the factors	s of 67 is		
A . 67	B . 68	C . 70	D . 72
21. A drum contains 2	21 litres of water. If 61/3 litres of	water is used than how many litre	es will be left in the drum ?
A . 1/3	B . 2/3	C . 1	D . 4/3
22. Aarav takes 2 hou leaves 1 hour after Aa	irs to travel from Mumbai to Pune rav, at what time will Arnav reac	e whereas Arnav takes 2.5 hours. h Pune ?	If Aarav leaves Mumbai at 9:00 am and Arna
A . 12:30 am	B . 12:30 pm	C . 11:00 am	D . 11:00 pm
23. In a park there are Additionally there are	e 20 children playing with each o 3 stray dogs and 2 goats also pre	ther. Also there are 5 adults with esent in the park. Total how many	their dogs (1 dog with each adult). / legs are there in the park ?
A . 90	B . 80	C . 70	D . 60
24. Sum of the comm	on factors of 31 and 41 is	_	
A . 2	B . 1	C . 3	D . 4
25. Karishma saves R weeks?	s 1 on weekdays (Monday to Frid	ay) and Rs 2 on Saturdays and St	undays. How much money will she save in 4
A . Rs 28	B . Rs 30	C . Rs 32	D . Rs 36
26. The perimeter of a sheet?	a rectangular paper sheet is 6 tin	nes its width. If the width of the s	heet is $1 ext{ m}$ then find the length of the
A . 2	B . 3	C . 4	D . 5
27. There are two bot A and 3/4 litres from b	tles A and B. A is filled with 2 litre bottle B. Which of the bottles cont	es of milk and B is filled with 1 litr tains more milk now ?	res of milk. Rahul drank 7/4 litres from bottle
A . A B . B C .	Both contain equal amount	D . C	an't be determined

17. The length of a rectangular field is twice its breadth.

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28. Find P if: Q = 23.3 X 3 R = 32.1 Q = P + R			
A . 37.8	B . 100	C . 102	D . 8.8
29. In an exam Ram was 200 marks than	scored 75 marks in Mathematics how much Ram scored in the thi	and 65 marks in science. If there d subject ?	were total 3 subject and Ram's total score
A . 50	B . 60	C . 70	D . 80
30. Find a three digit 1. Sum of first and th 2. First digit is larges 3. Middle digit is equ	t number based on following info ird digit is 11 t single digit number al to difference between first and	rmation: third digit	
A . 615	B . 853	C . 972	D . 279
31. In a school there (including girl studen	are 20 boy and 30 girl student. A ts) form of the total school streng	Also there are 10 male and 5 fema gth ?	le teachers.What fraction doeas females
A . 9/13	B . 7/13	C . 5/13	D . 3/13
32. The length of a s to level the field ?	quare field is 4 metres. If the cos	t of levelling the field is Rs 100 pe	r square metre, find the total cost required
A . Rs 400	B . Rs 160	C . Rs 1200	D . Rs 1600
33. If the cost of a w the wire ?	ire is Rs 2 per metre than how m	uch money is required to make an	equilateral triangle of side 10 metres using
A . Rs 30	B . Rs 60	C . Rs 40	D . Rs 50
34. Varun had Rs 10 purchase?	00. He bought a toy car for Rs 20	3.50 and a school bag for Rs 700.	How much money is left with Varun after th
A . 98.50	B . 97.50	C . 95	D . 96.50
35. Rahul's annual p	ocket money is Rs 3275 and he s	pends Rs 1135 per Year. Find Rah	ul's annual savings.
A . 2140	B . 2150	C . 2175	D . 2200
36. If we divide 5 ter	ns, 2 ones, 1 tenths and 3 hundre	dths by 13 the result will be same	as
A . 64.16/16	B . 70.2/16	C . 80.9/20	D . 100.2/25
37. Rahul had 200 p	encils. He grouped them in packs	of 4. Total how many packs can F	Rahul form using the pencils ?
A . 40	B . 50	C . 60	D . 70
38. Which of the follo A. 100/300 B. 19/76 C. 17/51	owing fractions are equal to 1/3 in	n their simplest form:	

A . A & B	B . A & C	С. В & С	D . B & D

39. In five matches of cricket Saurav scored total 500 runs. He scored 150 and 100 runs in first and last match. His score in second and fourth match was 75 runs each. How much he scored in third match ?

A . 75	B . 100	C . 50	D . 90
40. Which of the following nu	mber is the largest?		
A . 0.01	B . 0.101	C . 0.011	D . 0.11

41. What fraction of the figure is unshaded?

A . 2/9	B . 4/9	C . 7/9	D . 1

42. How many pair of parallel lines are there in the given figure ?



A. 500

43. Find the area of the shaded region if all the triangles are equal.



44. The given graph show number of Lion cubs born in each year. Find the number of cubs born from Year 2 to Year 4.



45. If the perimeter of the following figure is 15 units than find the value of x.





46. There is a drum of capacity 24 litres. Amit started filling the drum with water using a bottle of capacity 3/2 litres. How many times Amit needs to repeat the process so that the drum gets filled ?

A . 4	B . 8	C . 12	D . 16			
47. Find the 4 digit num 1. Sum of first and fourth 2. Second and third digit 3. First digit is 2 more th 4. Sum of all four digits =	ber based on following in h digit = 10 : are equal an 3 = 18	formation:				
A . 5445	B . 5545	C . 5454	D . 5555			
48. Aarav cycles 5 Km per day. How many Kilometres of cycling Aarav completed in the year 2016 ?						
A . 1810	B . 1825	C . 1830	D . 1840			

49. The given graph show number of Lion cubs born in each year. If the initial population of lions was 200, find the total lion population at the end of Year 5.



A . 1000	B . 1100	C . 1250	D . 1350

50. Find the area of the given figure?



