

#### WISDOM WORLD SCHOOL, KURUKSHETRA

### **Wisdom Aptitude Test (WAT)**

for

### **Admission to Grade 8 (Aadhar Batch)**

### **PATTERN OF WAT**

Multiple choice questions with single correct option type. Each question carry 2 marks and there is no negative marking.

### **Syllabus for WAT (Grade 8)**

Science	Acids, Bases and Salts, Respiration in Organisms, Transportation in Animals and Plants, Motion and Time	
Mathematics	Integers, Powers and Exponents, Algebraic Expressions, Simple Linear Equations, Comparing Quantities, Lines and Angles, Properties of Triangles, Perimeter and Area	
Reasoning	Verbal: Number and Alphabet Series, Alphabet Test, Coding-Decoding, Direction Sense Test, Blood Relations, Non-Verbal: VENN Diagram, Counting of Figure, Water & Mirror Images	

# **Marking Scheme**

Subjects	No. of Questions	Total Marks	
Science	20	40	
Mathematics	25	50	
Reasoning	15 CH	30	
Total	60	120	
Time Allowed : 2 hours			

#### **Sample Questions for WAT (Grade 8)**

#### **SCIENCE**

- 1. The complete site of digestion of food is:
  - (a) Stomach
- (b) Small intestine
- (c) Large intestine
- (d) Esophagus
- 2. Which of the following statements is/are true about complete parasitic plants?
  - (i) They completely depend on the host plant for their survival.
  - (ii) They have chlorophyll and can prepare their own food.
  - (iii) They have special root like structure called haustoria.
  - (iv) They draw nutrition from tissues of host plant.
  - (a) Both (i) and (ii)
- (b) (i), (iii) & (iv)
- (c) Both (i) & (iii)
- (d) Both (i) & (iv)

- 3. What is the pH range of tomato?
  - (a) 5.5-7.5
- (b) 5.5-8.5
- (c) 4.5-5.5
- (d) 6.0-7.5
- 4. Identify the type of respiration from below given equation:

 $C_6H_{12}O_{6\rightarrow}\,2C_3H_6O_{3}\,+\,Energy$ 

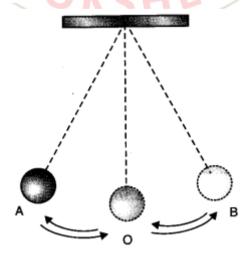
(a) Aerobic respiration

(b) Fermentation

(c) Anaerobic respiration

- (d) Respiration during lack of O<sub>2</sub>
- 5. What is another name of platelets?
  - (a) Erythrocytes
- (b) Leucocytes
- (c) Thrombocytes
- (d) Lymphocyte
- 6. Kanak and Sagar were given one mirror each by their teacher. Kanak found his image to be erect and of the same size whereas Sagar found her image erect and smaller in size. This means that the mirrors of Kanak and Sagar are, respectively
  - (a) plane mirror and concave mirror
- (b) concave mirror and convex mirror
- (c) plane mirror and convex mirror
- (d) convex mirror and plane mirror
- 7. If an object is placed at a distance of 0.5 m in front of a plane mirror, the distance between the object and the image formed by the mirror will be
  - (a) 2 m
- (b) 1 m
- (c) 0.5 m
- (d) 0.25 m

8. Observe the figure given below:



The time period of a simple pendulum is the time taken by it to travel from

- (a) A to B and back to A
- (b) O to A, A to B and B to A. Observe the figure given below:

The time period of a simple pendulum is the time taken by it to travel from

(a) A to B and back to A

(b) O to A, A to B and B to A

(c) B to A, A to B and B to O

- (d) A to B
- 9. The absorption of nutrients and exchange of respiratory gases between blood and tissues takes place in:
  - (a) veins
- (b) arteries
- (c) heart

(d) capillaries

- 10. Which mark is necessary on electric appliances?
  - (a) AGMARK
- (b) ISI
- (c) FICCI
- (d) KSK

#### **MATHEMATICS**

- 11. An elevator descends into a mine shaft at the rate of 6m/min. What will be its position after one hour? If it begins to descend from 20m above the ground.
  - (a) 360m above the ground

(b) 340m under the ground

(c) 380m under the ground

(d) none of these.

- 12. If  $9^{x+5} = 27^x$ , then find x.
  - (a) 5

- (b) 5
- (c) 10

- (d) -10
- 13. Which is the suitable equation for the given solution x = -3
  - (a) 15x = -5
- $(b) \frac{4x}{5} = -4$
- (c) 17x = -51
- (d) none of these

- 14. Find the value of y:  $\frac{y}{5} + \frac{y}{15} = y 11$ 
  - (a) 15

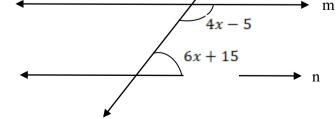
- (b) -15
- (c) -25

(d) 25

- 15. 30 % of (x 50) = 150, then find x:
  - (a) 250
- (b) 550
- (c) 750

(d) 450

- 16. Find the value of x if m||n.
  - (a) 19
  - (b) 18
  - (c) 17
  - (d) 12



- 17. A 17 m long ladder exactly reaches a window 15 m high from the ground when placed against a wall. Find the distance between the foot of the ladder and the wall.
  - (a) 25m
- (b) 8m
- (c) 7m

(d) 16m

18.	_	a triangle is 110° and atterior opposite angle is	d one of the interior oppo	osite angles is 30°. The
	(a) 30°	(b) 40°	(c) 80°	(d) 60°
19.	Two figures are congret (a) same shape (c) different shapes	uent if they have the	<ul><li>(b) same size</li><li>(d) same shape and sam</li></ul>	e size
20.	In the given figure, PC	) = RS and PO ∥RS. △P	OQ and △SOR are congrue	ent by
	(a) RHS	(b) AAS	(c) SSS	(d) SAS
	Q	P	R	
			S	
		(REASC	ONING)	
21.	You are required to ch	loose the correct alterna	tive which resembles the v	water-image of the given
	word/number/figure.			
		(2) (3) (4)	7	
22.	How many such pair(s	s) of letters are there in	the word 'POCKETBOO	K' which have as many
	letters between them as	s in the alphabetical seri	ies?	
	(a) One	(b) Two	(c) Three	(d) Four
23.	Arrange the following	words according to the	dictionary.	
	1. Critical	2. Criterion	3. Crisis	4. Crisp
	(a) 3,4,2,1	(b) 1,3,4,2	(c) 3,4,1,2	(d) 4,3,1,2
24.		the stage, Rita said "man of stage related to I	' He is the brother of dau Rita?	ghter of the wife of my
	(a) Son	(b) Husband	(c) Cousin	(d) Nephew
25.	What is the next letter	in the series CNL, BLI,	AJF, ZHC, ?	
	(a) XDY	(b) YFZ	(c) YFA	(d) XFY
26.	Complete the series : n	n_ nm_ n_ an_ a_ m	na	
	(a) aamnan	(b) ammanm	(c) aammnn	(d) amammn

27.	Vijayan started walking towards South. After walking 15 m, he turned to the left and walked
	15 m. He again turned to his left and walked 15 m. How far is he from his original position and
	in which direction?

(a) 15 m, North

(b) 30m, East

(c) 15 m, West

(d) None of these

28. In a certain code language, 639 means 'wood is hard', 657 means 'fur is soft', 135 means 'hard or soft'. Find the code for 'or'.

(a) 4

(b) 1

(c) 6

(d) 3

29. Which two of the following numbers comes in the next in the following sequence.

61, 57, 50, 61, 43, 36, 61, ......

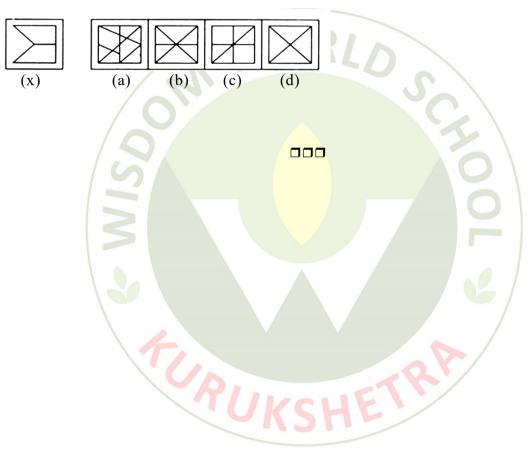
(a) 29, 61

(b) 29, 20

(c) 29, 22

(d) 31, 61

30. Here we have a figure named X. The task is to find X in the other four images. Find out the correct answer.





### WISDOM WORLD SCHOOL, KURUKSHETRA

### **Wisdom Aptitude Test (WAT)**

for

#### Admission to Grade 9 (Aadhar Batch)

#### **PATTERN OF WAT**

Multiple choice questions with single correct option type. Each question carry 2 marks and there is no negative marking.

### Syllabus for WAT (Grade 9)

Science	Combustion and Flame, Reproduction in Animals, Reaching the Age of Adolescence, Force and Pressure,, Friction, Sound
Mathematics	Rational Numbers, Exponents and Power, Squares and Square Roots, Cubes and Cube Roots, Algebraic Expressions and Identities, Linear Equations in one Variable, Comparing Quantities, Understanding Quadrilaterals, Mensuration
Reasoning	Verbal: Number and Alphabet Series, Alphabet Test, Coding-Decoding, Analogy, Blood Relation, Number Ranking, Calender Non-Verbal: Cubes and Dices, Counting figures, Paper Folding & Cutting, Water & Mirror Images

# **Marking Scheme**

Subjects	No. of Questions	Total Marks		
Physics	10	20		
Chemistry	10 5	20		
Biology	10	20		
Mathematics	30	60		
Reasoning	20	40		
Total	80	160		
,	Time Allowed: 2 hours 30 minutes			

# **Sample Questions for WAT (Grade 9)**

# **PHYSICS**

1.	When the amplitude is	s small, the sound produ	ced is:	
	(a) Feeble	(b) Loud	(c) Low Pitched	(d) None of these
2.	Calculate the pressure by 2m.	e exerted by an object h	aving weight 2020 N c	on an area of dimension 5r
	(a) 200 Pa	(b) 1010 Pa	(c) 202 Pa	(d) 404 Pa
3.		ws a container filled wintements is correct about		
	water?			6 A
	(a) Pressure at $A > P$	ressure at B > Pressure a	at C	<b>₽</b> p
	(b) Pressure at $A = P$	ressure at $B = Pressure a$	at C	В
	(c) Pressure at $A < P$	ressure at B > Pressure a	at C	* c
	(d) Pressure at A < P	ressure at B < Pressure a	at C	C
4.	In a periscope how are	e the reflecting mirrors a	arranged?	
	(a) Perpendicular to ea	ach other	(b) Parallel to each	other
	(c) At an angle of 90 c	degree (d) At an angle o	of 60 degree	2
5.	Myopia is corrected b	y:		
	(a) Convex mirror		(b) Concave lens	
	(c) Concave mirror		(d) Convex lens	
		CHEMI	ISTRY	
6.	Which one of the foll other three metals?	owing four metals would	ld be displaced from th	e solution of its salt by th
	(a) Zn	(b) Ag	(c) Cu	(d) Mg
7.	In electrolysis of water	er, which gas is liberated	l at anode?	
	(a) Chlorine	(b) Oxygen	(c) Hydrogen	(d) Nitrogen
8.	Choose the metals in the	he increasing order of th	eir reactivity.	
	(a) Ag, Cu, Ca, K	(b) Cu, Ag, K, Ca	(c) K, Cu, Ag, Ca	(d) Ca, K, Ag, Cu
9.	Who proposed the law	s of electrolysis?		
	(a) Michael Faraday	(b) J.J. Thomson	(c) Proust	(d) Lavoisier
10.	Which non-metal is us	ed for disinfection of wa	ater?	
	(a) Bromine	(b) Fluorine	(c) Chlorine	(d) Iodine

#### **BIOLOGY**

11.	All	viruses consist of:					
	(a)	Protein coat		(b)	Nucleic Acid		
	(c)	Both (a) and (b) are	correct	(d)	None of the abo	ve	
12.	Whi	ich of the following g	glands produces more than	n one	hormone?		
	(a)	Pancreas	(b) Liver	(c)	Pituitary	(d)	Thyroid
13.	Chr	omosome carry	_ which transfers characte	ers fr	om parents to of	fspri	ng
	(a)	Ribosome	(b) Genes	(c)	Plastid	(d)	Mitochondri
14.	Mic	ro-organisms were fi	rst observed by				
	(a)	Robert Hooke		(b)	Anton Van Leeu	ıwen	hoek
	(c)	Charles Darwin	1100	(d)	Camillo Golgi		
15.	The	smallest cell in the h	numan body is		0		
	(a)	Bacteria	(b) PPLO	(c)	RBC	(d)	Platelets
			75.5777755.	<b>T</b>	va		
		/.9	MATHEMA	TIC			
16.	If 3	$(x-y) = 27$ and $3^{(x+y)} =$	243, then x is equal to		A _		\
	(a)	0	(b) 2	(c)	4	(d)	6
17.	If 1	$800 = 2^a \times 3^b \times 5^c, \text{ th}$	en the value of $a + b + c$ is	.s			
	(a)	9	(b) 7	(c)	8	(d)	10
18.	A w	vatch worth Rs. 2424	is offered for sale at Rs.	2020	0. What percent	disco	ount is offered during
	the	sale?					
	(a)	$\frac{49}{3}\%$	(b) $\frac{50}{3}\%$	(c)	$\frac{25}{3}\%$	(d)	$\frac{34}{3}\%$
	( )	3	3	ıÍ	3	( )	3
19.	The	solution of $\frac{x-5}{2} - \frac{x}{2}$	$\frac{-3}{5} = \frac{1}{2}$ is				
	(a)	x = 7	(b) $x = 9$	(c)	x = 8	(d)	x = 5
20.	The	value of $\frac{2^{2020} + 2^{2018}}{2^{2019} - 2^{2017}}$	; ; is:				
	(a)	2	(b) $\frac{10}{3}$	(c)	$2^{2020} + 1$	(d)	10
21.	Fine	d the product of $(x^2 +$	$(x^2 - x + 1)$ and $(x^2 - x + 1)$ :				

(a)  $x^4 - x^2 + 1$  (b)  $x^4 + x^2 + 1$  (c)  $x^4 + x^2 - 1$  (d)  $x^4 - x^2 - 1$ 

22.	Fifteen years from now age is:	Ravi's age will be four tir	mes the age 15 years a	ago from now. His present
	(a) 40 years	(b) 10 years	(c) 25 years	(d) 75 years
23.	The length of the longes (a) 16 m	t pole that can be put in a (b) 15 m	room of dimensions (c) 10 m	10m × 10 m × 5 m is: (d) 12 m
24.	The diagonals of a rhom (a) 13 cm	bus are 24 cm and 10 cm. (b) 52 cm	What is the perimete (c) 25 cm	er of the rhombus? (d) 72 cm
25.	A rectangular paper for formed. Find the volume	length 30 cm and width 4 e of the cylinder.	4 cm is rolled along	its width and a cylinder is
	(a) $462000 \text{ cm}^3$	(b) $462 \text{ cm}^3$	(c) 46200 cm <sup>3</sup>	(d) $4620 \text{ cm}^3$
26.	Two cylinders of equal	volume have their heights	in ratio 2:1. What is	s the ratio of their radii?
	(a) 4:1	(b) 1:4	(c) $\sqrt{2}:1$	(d) $1:\sqrt{2}$
27.	What is the total length	of edges of the cube of ed	ge 2.5 cm?	
	(a) 30 cm	(b) 36 cm	(c) 48 cm	(d) None of these
28.	The area of an isosceles	triangle having base x cm	and one side y cm is	): :
	(a) $\frac{x}{2}\sqrt{y^2 + \frac{x^2}{4}}$ cm <sup>2</sup>	(b) $\frac{x}{2}\sqrt{\frac{4y^2-x^2}{4}}$ cm <sup>2</sup>	(c) $\frac{x^2 - y^2}{4}$ cm <sup>2</sup>	(d) None of these
29.	Area of a Rhombus is 20	020 m <sup>2</sup> and its altitude is 1	101 m, then the perim	eter of the Rhombus is
	(a) 100 m	(b) 200 m	(c) 120 m	(d) 80 m
30.	Number of vertices of a	tetrahedron is	Г	
	(a) 4	(b) 6	(c) 8	(d) 12
		DE LOON		
		REASON	ING	
31.	Find the next term in the	e given series: 2, 3, 10, 15		
	(a) 34	(b) 35	(c) 36	(d) 37
32.	If Q means add to, J me out the value of:	ans multiply by, T means	subtract from and K	means divide by then find
	30 K 2 Q 3 J 6 T 5			
	(a) 18	(b) 28	(c) 31	(d) 103
33.	What will come in the b	lanks of the given series:	aba ba _ ab	
	(a) abbba	(b) abbab	(c) baabb	(d) bbaba
34.	In a certain code langua language?	ge CHILD is written as II	MOQJ. How will BA	BE be written in the same
	(a) HFHJ	(b) FGFK	(c) FFGJ	(d) HFGJ

35.	Among five children T, Q, H, J and F each having a different height. T is taller than only J and
	H is shorter than only F. Who among them is the third in order of height?

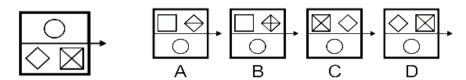
(a) F

(b) Q

(c) H

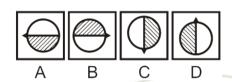
(d) J

Find the water image of the given image out of the given alternatives. 36.



Find the mirror image of the given image out of the given alternatives.

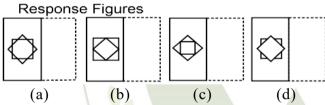




Find out among the four alternatives (a), (b), (c), (d), how the pattern would appear when the 38. transparent sheet (X) is folded at the dotted line.

Transparent Sheet





39. Find the number of triangles in the given figure.



(a) 5

(b) 6

(c) 10

(d) 8

40. What will come next in the given alphabetical series: BYDW, FUHS, JQLO, NMPK,

(a) RITG

(b) RJGH

(c) IRGT

(d) HPIN



#### WISDOM WORLD SCHOOL, KURUKSHETRA

# **Wisdom Aptitude Test (WAT)**

for

### **Admission to Grade 10 (Aadhar Batch)**

#### **PATTERN OF WAT**

Multiple choice with single correct option type questions. Each question carries 2 marks and there is no negative marking.

# Syllabus for WAT (Grade 10)

Science	Work and Energy, Atoms and Molecules, Structure of the Atom, Tissues, Improvement in Food Resources	
Mathematics	Number Systems, Polynomials, Coordinate Geometry, Linear Equations in Two Variables, Lines and Angles, Quadrilaterals, Circles, Surface Areas and Volumes	
Reasoning	Verbal - Number Series, Alphabet Test, Coding-Decoding, Blood Relation, Number Ranking, Calendar, Reasoning Puzzle Non-Verbal - Counting figures, Missing and Inserting Character, Cubes and Dices	

# **Marking Scheme**

Subjects	No. of Questions	Total Marks	
Science	30	60	
Mathematics	30	60	
Reasoning	20	40	
Total	80	160	
Time Allowed: 2 hours 30 minutes			

# Sample Questions for WAT (Grade 10) PHYSICS

- 1. The inertia of a moving object depends on:
  - (a) mass of the object

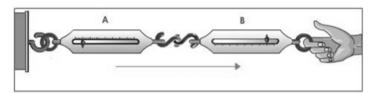
(b) momentum of the object

(c) speed of the object

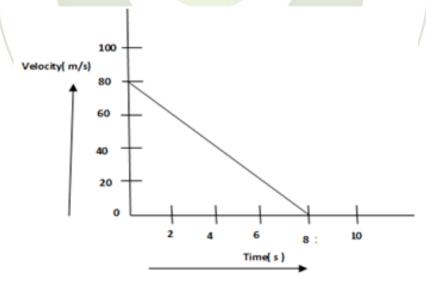
(d) shape of the object

- 2. Aman wearing a bullet-proof vest stands on roller skates. The total mass is 80 kg. A bullet of mass 20 g is fired at 400 m/s. It is stopped by the vest and falls to the ground. What is then the velocity of the man?
  - (a) 1m/s

- (b) 0.1 m/s
- (c) 0.01 m/s
- (d) 0 m/s
- 3. Newton's third law of motion explains the two forces namely 'action' and 'reaction' coming into action when the two bodies are in contact with each other. These two forces:



- (a) Always act on the same body
- (b) Always act on the different bodies in opposite directions
- (c) Have same magnitude and direction
- (d) Acts on either body at normal to each other
- 4. Velocity versus time graph of a ball of mass 50 g rolling on a concrete floor is shown in the figure below. What will be the frictional force of the floor on the ball?



- (a) 0.5 N
- (b) 50 N
- (c) 5 N
- (d) 0.05 N
- 5. The gravitational force between two objects is F. If masses of both the objects are halved without altering the distance between them, then the gravitational force would become
  - (a) f/4

(b) f/2

- (c) f
- (d) 2f

### **CHEMISTRY**

6.	How many particles are represented by 0.25 mole of an element?							
	(a) 1	$.05 \times 10^{24}$	(b)	7.023 × 10	(c)	$1.505 \times 10^{23}$	(d)	$6.022 \times 10^{23}$
7.	How m	nany electrons and pre	otons	are present in Mg <sup>+2</sup> ?				
	(a) 1	0, 12	(b)	12,12	(c)	12,10	(d)	10,10
8.	What is	s the atomicity of Ar	?					
	(a) 1		(b)	2	(c)	3	(d)	4
9.	The for M?	rmula of phosphate o	f a m	netal M is MPO <sub>4</sub> , then	wha	t will the formula c	of the	chloride of metal
		$MCl_2$	(b)	MCl <sub>4</sub>	(c)	$M_2Cl_3$	(d)	$MCl_3$
10.	What is	s the molar mass of C	CuSO	4.5H <sub>2</sub> O? (Atomic mas	ss of (	Cu = 63.5)		
	(a) 1	59.5g	(b)	249.5u	(c)	249.5 g	(d)	159.5 u
				BIOLOGY	7	5		
11.	Which	of the following state	emen	t is not correct for a c	hroni	c disease?		
			It lasts for a short	perio	d			
		t may damage an orga		the body	(d)	Weight loss may	1	
12.	Toxins will accumulate into the body if this organ stops working:							
		Kidneys		Heart	(c)	Intestine	(d)	Oesophagus
13.	Which	cell organelle synthe	sizes	enzymes of lysosome	es?			
	(a) R	RER	(b)	SER	(c)	Golgi bodies	(d)	Ribosomes
14.	The pro	ocess in which cell er	ngulf	s food and other mate	rials 1	from its external en	viron	ment is known as
	(a) I	Diffusion	(b)	Endocytosis	(c)	Osmosis	(d)	Plasmolysis
15.	What p	percentage of blood is	cons	stituted by plasma?	E	\'/		
		70%		80%	(c)	55%	(d)	30%
				MATHEMAT	ICS	}		
16.	What wil	ll the remainder if p	o(x) =	= x <sup>45</sup> is divided by g	$\mathbf{x}(\mathbf{x}) =$	$x^2-1$ ?		
	(a) 2x	(b) 0		(c) -	X	(d) x		
17.	The valu	e of $\frac{(a+b)^2}{(b-c)(c-a)}$ +	$\frac{(b)}{(a-b)}$	$\frac{(c+c)^2}{(c)(c-a)} + \frac{(c+a)^2}{(a-b)(b-a)}$	-c) w	vill be		
	(a) -1	(b) 1	•	(c) $0$	,	(d) 2		

18.	How many pair of x and y satisfy the equation $2x + 4y = 8$ and $6x + 12y = 24$ ?							
	(a) 0	(b) Infinite	(c) 1	(d) None of these				
19.	If $(a + b, a - b)$ is the solution of the equations $3x + 2y = 15$ and $4x + 5y = 13$ , then the value of b is							
	(a) 8	(b) -4	(c)-2	(d) 5				
20.	1			or a fraction becomes 1. It also numerator and denominator of				
	(a) 7	(b) 2	(c)8	(d) 11				
21.	If the mean of 10 observations is 25 and the mean of another 10 observations is 35, then the mean of 20 observations is							
	(a) 10	(b) 20	(c)30	(d) 50				
22.	The sum of mode and mean of certain observations is 120 and the median of the observation is							
	63. The value of mean	ı is						
	(a) 55	(b) 60	(c) 65	(d) 69				
23.	If the mode of the obsorvation will be	servations 5, 4, 4, 3, 5, $x$	, 3, 4, 3, 5, 4, 3 and	1 5 is 3, then the median of the				
	(a) 3	(b) 5	(c) 4	(d) 3.5				
24.	The bisectors of two adjacent angles in a parallelogram meet at a point P inside the parallelogram. The angle made by these bisectors at point P is							
	(a) 180°	(b) 90°	(c)45°	(d) None of these				
25.	PQRS is a cyclic Quae (a) 20°	drilateral in which PS=Po		$PSQ = 2\angle QSR$ , then $\angle QSR = (d) 50^{\circ}$				
26.	Which of the followin	g is equal to $10 + \sqrt{24} + \sqrt{24}$	$\sqrt{60} + \sqrt{40}$ .					
		(b) $(\sqrt{2} + 3 + \sqrt{5})^2$		(d) $\left(\sqrt{2} + \sqrt{3} + 5\right)^2$				
27.	if $x = \frac{11}{4 - \sqrt{5}}$ then $x^2 - \frac{1}{4} = \frac{1}{4} $	-8x + 11 = ?						
	(a) 0	(b) $\sqrt{5}$	(c) 11	(d) None of these				
28.		$\sqrt{10} - \sqrt{5}, \sqrt{19} - \sqrt{14}, \sqrt{22} - \sqrt{17}$ (b) $\sqrt{22} - \sqrt{17}$						

29.	If $x^n + 1$ is divisible by $x +$	1, then 'n' must be					
	(a) any natural number		(b) even natural nur	mber			
	(c) odd natural number		(d) None of these				
30.	Which of the following is	factor of $P(x) = 2x^3$	$-5x^2+x+2?$				
	(a) $x + 1$ (b)	2x+1	(c) $x + 2$	(d) $2x - 1$			
	REASONING						
31.	Maya who is the sister-in-	-law of Ashok, is the	daughter in law of Krit	ika. Neeraj is the father of Amit			
	who is the only brother of	f Ashok. How Kritika	is related to Ashok.				
	(a) Mother	(b) Aunt	(c) Wife	(d) sister			
32.	INSTIGATION are arrar right) of the last word?	nged according to the	WTO C	l be the fourth letter (from the			
	(a) O	(b) A	(c) R	(d) T			
33.	following series observes	this rule.		decrease by two. Which of the			
	(a) EPVAF	(b) GPWBE	(c) UCJOP	(d) XFMQU			
34.	What will come at the pla	ice of question mark:	3, 10, 29, 66, 127, ?				
	(a) 164	(b) 187	(c) 216	(d) 218			
35.	In a row of 21 girls, who			ards the right, she became 12th the row.			
	(a) 9th	(b) 10th	(c) 11th	(d) 14th			
36.	means "interesting book" that code language?	and "de ti" means "th	nat bag". What should	"means "bag is heavy", "ka si" stand for "that is interesting" in			
	(a) ka re na	(b) de si re	(c) de re ka	(d) tip o ka			
37.	HGFCBDFEIJK, with the	e same coding, how ca	n we express the word				
	(a) GFCDFEG	(b) GFCDEFG	(c) GFCDBE	EC (d) GFCDBEB			
38.	Find out the WRONG TE  (a) G4T	ERM in the given serie (b) J10R	es: <b>G4T, J10R, M20P</b> (c) M20P	, <b>P43N, S90L</b> (d) S90L			

- 39. If "P×Q" means "P is the daughter of Q"; "P+Q" means "P is the father of Q"; "P/Q" means "P is the mother of Q" and "P-Q" means "P is the brother of Q" then in the expression  $A / B + C E \times F$ , how is A related to F?
  - (a) Mother-in-law
- (b) Aunt
- (c) Daughter in law
- (d) Mother
- 40. Which of the following meanings of the arithmetical signs will make the value "zero" for the expression given below?

$$200 \times 100 + 300 \times 200 - 10 \div 2 + 40$$

- (a) + means -, means x, x means  $\div$ ,  $\div$  means +
- (b) + means -, means  $\div$ , x means +,  $\div$  means x
- (c) + means x, means x, x means  $\div$ ,  $\div$  means +
- (d) + means  $\div$ , means +, x means -,  $\div$  means x

