

# **SAMPLE PAPER**

## MENTORS TALENT SEARCH EXAMINATION

## FOR STUDENTS IN CLASS VIII AND GOING TO CLASS IX

Time :	3	hours
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## INCTRUCTIONS

Maximum Marks: 360

	(A)	General :						
Ъ.	1.	This Question paper contains <b>FIVE</b> Parts (Physics, Chemistry, Mathematics, Biology & Analytical Ability) containing 90 questions in all.						
LATO	2.	This Question Paper contains 13 pages, other than the OMR.						
E INVIGI	3.	The Question Paper has blank spaces at the bottom of each page for rough work.No additional sheets will be provided for rough work.						
ROM TH	4.	Blank papers, clip boards, log tables, slide rule, calculators, cellular phones, pagers and electronic gadgets, in any form, are <b>NOT</b> allowed.						
CTIONS F	5.	This booklet also contains the <b>OMR</b> answer sheet (i.e., A machine gradable Response Sheet).	A A					
TRUC	(B)	Answering on the OMR:						
VAITINS	6. Each question will have <b>4 choices</b> in both the Sections, out of which <b>only one ch</b> <b>correct</b> .							
ET, A	7.	Darken the bubble with Ball Pen (Blue or Black) ONLY.						
DOKL	(C)	Filling – in Name and Registration No.						
ON THIS BO	8.	On the <b>OMR sheet</b> , write your Name and Registration No. in ink. Also, put your signature in the appropriate box in ink.						
ALS (	(D)	Marking Scheme:						
THE SE	9.	(a) For each question, you will be awarded 4 marks if you have darkened only one bubble corresponding to the right answer.						
- AK		(b) In case you have not darkened any bubble, you will be awarded 0 mark for that question.						
BR		(c) In all other cases, you will be awarded –1 mark.						
TON OC		Name :						
	Re	gistration No.:						

Head Office : Jugeshwar Bhawan, Plot # 4, Main Boring Road, Patna - 800001

[2]				Sample Paper Class VII				
	PART-I : PHYSICS							
	SECTION-A							
	(Single Correct Answer Type)							
This out c	section contains 1 of which ONLY ON	4 multiple choice ques E is correct.	stions. Each questio	n has 4 choices (A), (B), (C) and (D),				
1.	Which of the foll	owing is correct ?						
	(A) static friction	n > sliding friction > rollir	ng friction					
	(B) rolling frictio	n > sliding friction > stat	tic friction					
	(C) static friction	n > rolling friction > slidir	ng friction					
	(D) none of thes	e						
2.	On a rainy day, the time interval between light and sound of thunder is t. To measure the distance of the nearest point of lightening.							
	(A) speed of light in air is multiplied by t							
	(B) speed of sound in water is multiplied by t							
	(C) speed of sound in air is multiplied by t							
2	(D) speed of light in air is divided by t							
3.	(A) Neutral							
	(A) Negativaly a	borgod						
	(B) Negatively charged							
	(C) Positively charged							
	(D) None of the	ating the pure motal is	e donositod at the					
	(A) Cathode	ating, the pure metal is	s deposited at the					
	(R) Anode							
	(C) Both cathod	e and anode						
	(D) At bottom of	f the electrolytic cell						
5	To boar the ocho	of a cound distinctly the	roflacting surface of	hould be at a minimum distance of				
J.	from the observe	in a sound distinctly, the	e renecting surface si					
	(A) 65 m	(B) 16.6 m	(C) 11 2 m	(D) 18.6 m				
6.	Speed of sound a	at constant temperature	e depends on :					
			(B) Density of a	26				
	(A) Pressure		(D) Nors of the					
-	(C) Both pressur	e and density of gas	(D) None of thes	se				
1.	A person is stand $(\Lambda)$ when the electron	aing in an elevator. In wi	th constant accolora	tion				
	(A) when the ele	vator moves downward	with constant accel	eration				
	(C) when the ele	vator moves upward wit	th uniform velocity					
	(D) when the ele	vator moves downward	with uniform velocit	v				
Å	_	Montore Educant Dist		wan and Eleon S.K. Duri Baring David				
<b>r</b> le	entors	Pati	na-1, Ph. No. : 0612	-6567315, 310, 2540037				

Samp	le Paper Class VIII			[3]			
8.	The most comfortable	e distance at which one	can read with a normal e	eye is about :			
	(A) 26 cm	(B) 35 cm	(C) 25 cm	(D) 30 cm			
9.	The frequency of osci	llation is basically the nu	mber of per sec	ond.			
	(A) oscillations	(B) vibrations	(C) both A and B	(D) neither A nor B			
10.	Regular reflection take	es place when light is inc	cident on a surfa	ce.			
	(A) smooth	(B) polished	(C) regular	(D) all of above			
11.	Gravitational force is						
	(A) attraction force		(B) repulsion force				
	(C) both (A) and (B)		(D) none of these				
12.	Speed of sound in air	at 0ºC is					
	(A) 332 m/s	(B) 270 m/s	(C) 300 m/s	(D) 400 m/s			
13.	Unlike charges						
	(A) always attract ea	ch other					
	(B) always repel eac	h other					
	(C) can attract or rep	el depending on conditio	ons and quantity of charg	je			
	(D) neither attract no	r repel					
14.	Pitch of sound depend	ds on					
	(A) frequency						
	(C) wave length	SECTI					
		(Comprehen	usion Type)				
This s be ar corre	This section contains <b>2 paragraphs</b> . Based upon the each paragraph 3 multiple choice questions have to be answered. Each of these questions has four choices (A), (B), (C) and (D) out of which <b>ONLY ONE</b> is correct.						
Para	graph-1						
	Two bodies A and B are another body and hence	e rubbed together, on rul ce bodies get charged. 7	bbing some charges are The process is called the	transfered from one body to charging by friction.			
15.	About the charges on A	A and B,					
	(A) both get opposite	nature of charge					
	(B) both get positively	charged					
	(C) both get negatively	/ charged					
	(D) nothing can be cor	ncluded					
16.	About quantity of charg	ge on A and B,					
	(A) The quantity of ch	arge on the body is prop	ortional to its size.				
	(B) The quantity of cha	arge on the body is inve	rsely proportional to its s	ize.			
	(C) The quantity of cha	arge on both A and B is s	same.				
	(D) The positive charg	e will be more than the r	negative charge.				
17.	The charging is due to						
	(A) flow of electron	(B) flow of protons (C	c) flow of nucleus (D	) flow of ions			
Ment	ors Eduserv: Plot No4 . Patna-1,	Jugeshwar Bhawan, 3rd Ph. No. : 0612-6567315,	Floor, S.K. Puri Boring R . 310, 2540037	•ad, entors			

#### Paragraph-2

Two persons Roshan and Kunal are holding a rope and they both are pulling the rope. Mass of Roshan is two times that of Kunal. Roshan is very strong where as Kunal is weak. As per Newton's third law of motion, for every action there is equal and opposite reaction. The action and reaction acts on two different bodies in opposite directions.

- **18.** Force on the rope by the Roshan is  $F_1$  and that due to Kunal is  $F_2$ . Then
  - (A)  $F_1 = F_2$  (B)  $F_1 > F_2$ (C)  $F_1 < F_2$  (D) The relati
    - (D) The relation depends on their mood
- **19.** About force on the rope due to Roshan and by the rope on the Roshan.
  - (A) Force on the rope by the Roshan will be more than that due to rope on Roshan.
  - (B) Force on the rope by the Roshan will be less than that due to rope on Roshan.
  - (C) Force on the rope by the Roshan will be equal to that due to rope on Roshan.
  - (D) Force on the rope by the Roshan will depend on the friction between the foot of Roshan and ground.
- **20.** Let  $F_1$  be the force on A due to B and  $F_2$  that on B due to A. Then
  - (A)  $F_1 = F_2$  and both the forces will be in same direction
  - (B)  $F_1 \neq F_2$  and both the froces will be in same direction
  - (C)  $F_1 = F_2$  and both the forces will be in opposite directions.
  - (D)  $F_1 \neq F_2$  and both the forces will be in opposite directions.

#### [4]

Sam	ple Paper Class V					[ 5		
			PART-II:	СН	EMISTRY			
			SE		N-A			
<b>-</b>	(Single Correct Answer Type)							
I his of w	section contains 14 hich ONLY ONE is	corre	ti <b>ple</b> choice question ect.	s. Eac	ch question has 4 c	hoices (A), (B), (C) and (D), ou		
21.	Petroleum is main	yam	nixture of which one o	of the f	following class?			
	(A) Carbohydrates	(B)	Carbogens	(C)	Hydrocarbons	(D) Alcohols		
22.	Which one is not a	coal	product?					
	(A) Coal tar	(B)	Coal gas	(C)	Lime	(D) None of these		
23.	Which one of the f	ollow	ing is a petrochemica	al?				
	(A) Ammonia	(B)	Coke	(C)	Acetone	(D) Paraffin wax		
24.	Conversion of dea	d veg	etation into coal is ca	lled				
	(A) carbonisation	(B)	distillation	(C)	coal gas	(D) natural gas		
25.	Full form of LPG is	;						
	(A) Light petroleum Gas (B) Liquified Petroleum Gas							
	(C) Long pipe of G	as		(D) Long pertroleum Gas				
26.	Coal, petroleum, a	nd m	ethane are organic s	ubstances. They exist in different physical states.				
	The physical states in which coal, petroleum, and methane respectively exist are							
	(A) Solid, liquid, ar	ıd liqu	lid	(B)	Solid, liquid, and	solid		
	(C) Solid, liquid, ar	nd gas	6	(D)	D) Gas, liquid, and solid			
27.	A list of natural res	ource	es is given.					
	I. Wind	II.	Coal	III.	Trees			
	IV. Petroleum	V	Sunlight	VI.	Biomass			
	Which of the follow	ving p	pairs of natural resou	rces is	exhaustible?			
	(A) II and IV	(B)	I and V	(C)	IV and VI	(D) V and VI		
28.	Which of the follow	ving i	s not a synthetic poly	mer				
	(A) Polyisoprene			(B)	Polybutadiene			
	(C) Polyethylene te	ereph	athalate	(D)	(D) Polyethylene			
29.	$CH_2 = CH_2$ is a :							
	(A) Monomer	(B)	Polymer	(C)	Isomer	(D) Equimer		
30.	Which is not a poly	/mer′	?					
	(A) Ice	(B)	Starch	(C)	Protein	(D) Cellulose		
31.	Which of the follow	ving r	netal occurs in native	state				
	(A) Ca	(B)	Au	(C)	Zn	(D) AI		
NA	tore Educant Dist					a Poad		
wen	Patr	na-1,	радезниаг впаwan, . Ph. No. : 0612-6567:	315, 3	10, 2540037	<sup>y</sup> <b>F</b> lentor		

<ul> <li>32. The (A)</li> <li>33. The (A)</li> <li>33. The (A)</li> <li>34. The (A)</li> <li>34. The (A)</li> <li>This section be answer (A)</li> <li>This section be answer (A)</li> <li>This section be answer (A)</li> <li>35. Ma (A)</li> <li>36. The (A)</li> <li>(C)</li> <li>37. In t (A)</li> <li>(C)</li> <li>Paragrage</li> </ul>	e most electro p 2n e earthy impuriti flux e process of hea Calcination tion contains <b>2</b> p vered. Each of the ph-1 agnesia (MgO) the mixed with the flu ojected from the flu	oositive r (B) F ies prese (B) s ating an (B) R baragra hese qu can also hese qu can also bus obta nus obta is obtain (B) R	metal among the for ent in the mineral a lag ore in the absence Roasting <b>SEC</b> <b>(Compreh</b> <b>phs</b> . Based upon t lestions has four cl o be obtained from lined is melted and of Mg, Ba and Na in of the tank into the e agnesium metal is ned from magnesite	Illowir (C) (C) (C) e of ai (C) TION he ea noices magr electro lectro libera	ng is Ca lled gangue r below in melting p Smelting <b>J-B</b> on Type) ch paragraph 3 mu s (A), (B), (C) and o nesite. The magnes rolysed : In the com el tank at 1170k to 1 lyte. The anode con ted at the cathode i	<ul> <li>(D) Na</li> <li>(D) refractory material point is known as</li> <li>(D) Poling</li> <li>Itiple choice questions have to (D) out of which ONLY ONE is</li> <li>site mineral is calcined and the mercial preparation, magnesia 220k. A set of cast iron rods are sists of carbon rods suspended in the molten state.</li> </ul>
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<ul> <li>35. Ma         <ul> <li>(A)</li> <li>36. The</li> <li>(A)</li> <li>(C)</li> </ul> </li> <li>37. In t         <ul> <li>(A)</li> <li>(C)</li> </ul> </li> <li>Paragraphic The expension of the expens</li></ul>	agnesium oxide	is obtain (B) B	ed from magnesite	by		
<ul> <li>(A)</li> <li>36. The</li> <li>(A)</li> <li>(C)</li> <li>37. In t</li> <li>(A)</li> <li>(C)</li> <li>Paragra</li> <li>The</li> </ul>	calcination	(B) R				
<ul> <li>36. The (A)</li> <li>(C)</li> <li>37. In t</li> <li>(A)</li> <li>(C)</li> <li>Paragraphic The content of the test of test of</li></ul>			Roasting	(C)	Smelting	(D) Poling
(A) (C) <b>37.</b> In t (A) (C) <b>Paragra</b> The	e reaction at cat	hode is				
(C) 37. In t (A) (C) Paragra	$Mg \rightarrow Mg^{+2} + 2$	<u>e</u>		(B)	$Mg^{+2} + 2e^- \rightarrow Mg$	
37. In t (A) (C) Paragra	) $2Cl^- \rightarrow Cl_2 + 2$	$2 e^{-}$		(D)	$Cl_2 + 2e^- \rightarrow 2Cl^-$	
(A) (C) Paragra The	the commercial	process	Magnesium oxide	is mi	xed with	
(C) Paragra The	Mg F <sub>2</sub>			(B)	BaF <sub>2</sub>	
Paragra The	) NaF			(D)	Fluorides of Mg, B	a & Na
The	ph-2					
tore	e polymeres are ce present in the	e calssif em. The	ied into the four su mechanical prope	ıb gro rties a	oups on the basis o are governed by the	of magnitude of intermolecular type of force present in them.
<b>38.</b> In v	which of the follo	owing, p	olymer chains are l	neld w	vith Hydrogen Bonc	1
(A)	Thermoplastic	S		(B)	Fiberes	
(C)	) Thermosetting	polyme	rs	(D)	Elastomeres	
<b>39.</b> Wh	nich of the follov	ving is a	thermoplastics			
(A)	Polyvinyls	(B) B	Bakelite	(C)	Terylene	(D) Neoprene
<b>40.</b> Ge	enerally polyamic	des are				
(A)	Fibres			(B)	Thermoplastics	
(C)		plastics	3	(D)	Elastomeres	
-	) Thermosetting					

Sampl	le Paper Class VIII				[7]
		PART-III : M	ATHEMATIC	CS .	
		SEC1	TION-A		
		(Single Corre	ct Answer Type)		
This s of whi	ection contains <b>11 mu</b> ch <b>ONLY ONE</b> is corr	Itiple choice questions.	Each question has 4 c	choice	es (A), (B), (C) and (D), out
41.	Three numbers are t numbers	o one another in the ra	tio 2 : 3 : 4. The sum o	f thei	r cubes is 33957, then the
	(A) 14, 21, 28	(B) 15, 30, 45	(C) 14, 20, 25	(D)	none of these
42.	If $x + y = 12$ and $xy =$	$\cdot$ 14, then the value of $x^2$	<sup>2</sup> + y <sup>2</sup> is		
	(A) 116	(B) 72	(C) 8	(D)	none of these
43.	When $x^{4a} + x^{2a}$ . $y^{2b} +$	⊦ y <sup>4b</sup> is divided by x <sup>2a</sup> +	$x^{a}y^{b} + y^{2b}$ , then the qu	ieotie	nt is
	(A) $x^{2a} + x^a y^b + y^{2b}$		(B) $x^{2a} - x^a y^b + y^{2b}$	)	
	(C) $x^{2a} + x^a y^b - y^{2b}$		(D) none of these		
44.	If the sum of length, I then the surface area	breadth and depth of a a a of the cuboid.	cuboid is 19cm and the	e lenç	gth of its diagonal is 11 cm,
	(A) 120 cm <sup>2</sup>	(B) 290 cm <sup>2</sup>	(C) 240 cm <sup>2</sup>	(D)	none of these
45.	17 cards numbered 7 from the box. Find th	1, 2, 3,, 17 are put in a e probability that the nu	a box and mixed thorou mber on the card is div	ughly /isible	. One person draws a card by 3 and 2 both
	(A) $\frac{3}{17}$	(B) <u>5</u> 17	(C) $\frac{2}{17}$	(D)	none of these
46.	There are three distir the value of product	nct real numbers a, b an abc is	nd c that are solutions c	of the	equation $x^3 - 4x = 0$ . Then
	(A) 1	(B) 0	(C) 2	(D)	none of these
47.	If $3^{x} = 3^{20} \cdot 3^{20} \cdot 3^{18}$ -	$+3^{19}\cdot 3^{20}\cdot 3^{19}+3^{18}\cdot 3^{21}$	<sup>1</sup> .3 <sup>19</sup> , then the value o	f x is	
	(A) 59	(B) 45	(C) 60	(D)	none of these
48.	A valid reason for co	ncluding that 635 is not	a perfect square of an	n integ	ger is that 635
	(A) It is an odd integ	er	(B) it ends with 5		
	(C) it ends with 35		(D) sum of its odd d	ligits	is 8
49.	How many numbers	between 200 and 600 a	are divisible by 4, 5 and	d 6 ?	
	(A) 6	(B) 7	(C) 8	(D)	9
50.	p, q and r are three p	ositive number and $Q =$	$=\frac{p+q+r}{2}$ . If (Q - p): (Q	(q – q)	(Q - r) = 2 : 5 : 7, then find
	the ratio of p, q and r	· ?			
	(A) 4,8	(B) 3,6	(C) 5,10	(D)	6, 12

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### Sample Paper Class VIII

#### [9]

Parag	Paragraph-2							
	Consider the equation $x^2 - 2y^2 = 1$ , which we lebel (1). There are many pairs of positive integers (x, y) that satisfy equation (1).							
55.	Then a pair of posit	tive inte	egers (x, y) with	$x \le 5$ th	at satisfies equa	tion (	1) is	
	(A) (3, 2)	(B)	(2, 1)	(C)	(5, 7)	(D)	none of these	
56.	Then a pair of posi equation ①.	tive inte	egers (u, v) suc	h that (3	$(3+2\sqrt{2})^2 = u + vv$	√₂ ar	nd such that (u, v) satisfies	
	(A) (17, 13)	(B)	(13, 17)	(C)	(17, 12)	(D)	none of these	
57.	Then a pair of posit	tive inte	egers (x, y) with	y > 100	that satifies equa	ation	① is	
	(A) (577, 408)	(B)	(576, 488)	(C)	(577, 402)	(D)	none of these	
Parag	graph-3							
	If m is a positive int integer which is not	teger, v t a perfe	vhich is not a pe ect cube, then 3	erfect sq /m is irra	uare, then $\sqrt{m}$ in ational. Also if a 8	s irrat b are	tional and if m is a positive e the positive integer which	
	is not a perfect square and which is not a perfect cube then $\sqrt{a} \pm \sqrt{b}$ or $\sqrt[3]{a} \pm \sqrt[3]{b}$ is irrational. Where a & b are distinct, then answer the following questions.							
58.	$\sqrt{3} + \sqrt{5}$ is							
	(A) irrational	(B)	rational	(C)	Prime number	(D)	None of these	
59.	$(\sqrt{7}-\sqrt{5})^2$ is							
	(A) Rational	(B)	irrational	(C)	Prime number	(D)	none of these	
60.	$\left(\frac{1}{3\sqrt{2}}\right)^2$ is							
	(A) Rational	(B)	irrational	(C)	Prime number	(D)	none of these	



		PARI-IV	BIOLOGY	
		SE(		
Thie d	section contains 15	(Single Cori multiple choice question	rect Answer Type)	choices(A)(B)(C)and(D)
of wh	hich ONLY ONE is c	orrect.	is. Lacit question has 4	(D), (D), (C) and (D), (C)
61.	Nucleus was disc	overed by		
	(A) Robert koch	(B) Leeuwen hook	(C) Robert Brown	(D) Robert Hooke
62.	Rough Endoplasr	nic reticulum synthesise	S	
	(A) Proteins		(B) Carbohydrates	
	(C) Steroids and I	ipids	(D) Nucleic acid	
63.	Hydrolcytic enzyn	nes occur in		
	(A) Ribosome	(B) Peroxisomes	(C) Lysosomes	(D) Glyoxysomes
64.	Match the followin	ig :		
	Column A	Column B		
	1. Immunity	(a) Aedes (Mosquite	o)	
	2. Malaria	(b) Contaminated w	vater	
	3. Cholera	(c) Ability of body to	fight infections	
	4. Dengue	(d) Dog		
	5. Rabies	(e) Female Anophol	les	
	(A) 1(c), 2(e), 3(b	), 4(a), 5(d)	(B) 1(b), 2(d), 3(c), 4	4(e), 5(a)
	(C) 1(a), 2(c), 3(b	), 4(e), 5(d)	(D) 1(e), 2(a), 3(d), 4	4(b), 5(c)
65.	Anthrax is caused	l by		
	(A) Bacteria	(B) Virus	(C) Fungus	(D) Protozoa
66.	Which of the follo	wing micro-organism ca	n be cyrstallised	
	(A) Bacteria	(B) Virus	(C) Fungus	(D) Protozoa
67.	Which of the follo	wing is connecting link in	between plants and ar	nimals
	(A) Bacteria	(B) Paramoecium	(C) Euglena	(D) Spirogyra
68.	Aspergillosis is a	disease which affects th	е	
	(A) Cattle	(B) Dogs	(C) Monkeys	(D) Poultry
69.	Dodo is a/an	species		
	(A) Endangered	(B) Vulnerable	(C) Extinct	(D) Rare
70.	Which one of follo	owing fishes is a surface	feeder?	
	(A) Rohu	(B) Marigals	(C) Common carps	(D) Catlas
71.	Sowing of seeds i	s done by		
	(A) Ploughing	(B) Hybridization	(C) Silo	(D) Drill

Sample Paper Class VIII [1								
72.	Which one is an oil	yielding plant among	the following					
	(A) Lentil	(B) Sunflower	(C) Cauliflower	(D) Hibiscus				
73.	Which one is not a source of carbohydrate							
	(A) Rice	(B) Millets	(C) Sorghum	(D) Gram				
74.	Poultry fowl are sus	ceptible to the followi	ing pathogens					
	(A) Viruses	(B) Bacteria	(C) Fungi	(D) All the above				
75.	White revolution is r	elated to						
	(A) Increase in milk	production	(B) Increase in fish	(B) Increase in fish production				
	(C) Increase in proc	duction of grains	of grains (D) Increase in egg production					



PART-V : ANALYTICAL A SECTION-A (Single Correct Answer TypeThis section contains 9 multiple choice questions. Each question I of which ONLY ONE is correct.76.Hepatitis : Liver : : Conjunctivitis : (A) Lungs(B) Eye(C) Heart77. $\overline{7}$ $12$ $8$ $3$ $8$ $11$ $9$ $2$ $10$ $10$ $7$ (A) $-1$ (B) $5$ (C) $0$ 78.If 14 November 2006 is a Sunday, then14 November 2706 i (A) Sunday(B) Friday(C) Tuesday79. $64, 29, 23, 11, ?$ (A) $4$ (B) $5$ (C) $6$ 80. $74, 63, 54, 45, ?$ (A) $34$ (B) $33$ (C) $39$ 81.How many degreee will the minute-hand move, in the sam $10^\circ$ ? (A) $40^\circ$ (B) $80^\circ$ (C) $120^\circ$ In each question, a series of letters satisfying a certain pattern are get the letter/letters that will come in place of the blank/blanks.82.A, E, I, M, Q, U,	ABILITY has 4 choices (A), (B), (C) and (D), out (D) Pancreas
SECTION-A (Single Correct Answer TypeThis section contains 9 multiple choice questions. Each question 1 of which ONLY ONE is correct.76.Hepatitis : Liver : : Conjunctivitis : (A) Lungs(B) Eye(C) Heart77. $\overline{7}$ $12$ $8$ $3$ $8$ $11$ $9$ $2$ $10$ $10$ $10$ $?$ (A) $-1$ (B) 5(C) 078.If 14 November 2006 is a Sunday, then14 November 2706 i (A) Sunday(B) Friday(C) Tuesday79. $64, 29, 23, 11, ?$ (A) 4(B) 5(C) 680. $74, 63, 54, 45, ?$ (A) 34(B) 33(C) 3981.How many degreee will the minute-hand move, in the sam 	e) has 4 choices (A), (B), (C) and (D), out (D) Pancreas
(Single Correct Answer TypeThis section contains 9 multiple choice questions. Each question 1of which ONLY ONE is correct.76.Hepatitis : Liver : : Conjunctivitis :(A) Lungs(B) Eye(C) Heart77. $7$ $12$ $8$ $3$ $8$ $11$ $9$ $2$ $10$ $10$ $10$ $2$ (A) $-1$ (B) $5$ (C) $0$ 78.If 14 November 2006 is a Sunday, then14 November 2706 i(A) Sunday(B) Friday(C) Tuesday79. $64, 29, 23, 11, ?$ (A) $4$ (B) $5$ (C) $6$ 80. $74, 63, 54, 45, ?$ (A) $34$ (B) $33$ (C) $39$ 81.How many degreee will the minute-hand move, in the sam $10^{\circ}$ ?(A) $40^{\circ}$ (B) $80^{\circ}$ (C) $120^{\circ}$ In each question, a series of letters satisfying a certain pattern are get the letter/letters that will come in place of the blank/blanks.82.A, E, I, M, Q, U,	a) has 4 choices (A), (B), (C) and (D), out (D) Pancreas
This section contains <b>9 multiple</b> choice questions. Each question I of which <b>ONLY ONE</b> is correct. <b>76.</b> Hepatitis : Liver : : Conjunctivitis : (A) Lungs (B) Eye (C) Heart <b>77.</b> $\overline{7  12  8  3}$ <b>8</b> $11  9  2$ 10 10 10 7 (A) -1 (B) 5 (C) 0 <b>78.</b> If 14 November 2006 is a Sunday, then14 November 2706 i (A) Sunday (B) Friday (C) Tuesday <b>79.</b> 64, 29, 23, 11, ? (A) 4 (B) 5 (C) 6 <b>80.</b> 74, 63, 54, 45, ? (A) 34 (B) 33 (C) 39 <b>81.</b> How many degreee will the minute-hand move, in the sam $10^{\circ}$ ? (A) $40^{\circ}$ (B) $80^{\circ}$ (C) 120° In each question, a series of letters satisfying a certain pattern are get the letter/letters that will come in place of the blank/blanks. <b>82.</b> A, E, I, M, Q, U,	has 4 choices (A), (B), (C) and (D), out
76.       Hepatitis : Liver : : Conjunctivitis :         (A) Lungs       (B) Eye       (C) Heart         77.       7       12       8       3         8       11       9       2         10       10       10       ?         (A) -1       (B) 5       (C) 0         78.       If 14 November 2006 is a Sunday, then14 November 2706 i         (A) Sunday       (B) Friday       (C) Tuesday         79.       64, 29, 23, 11, ?         (A) 4       (B) 5       (C) 6         80.       74, 63, 54, 45, ?         (A) 34       (B) 33       (C) 39         81.       How many degreee will the minute-hand move, in the sam 10° ?         (A) 40°       (B) 80°       (C) 120°         In each question, a series of letters satisfying a certain pattern are gethe letter/letters that will come in place of the blank/blanks.         82.       A, E, I, M, Q, U,	(D) Pancreas
(A) Lungs       (B) Eye       (C) Heart         77. $7$ $12$ $8$ $3$ 8 $11$ $9$ $2$ 10 $10$ $10$ $2$ $10$ $10$ $10$ $2$ $(A) -1$ $(B)$ $5$ $(C)$ $0$ 78.       If 14 November 2006 is a Sunday, then14 November 2706 is $(A)$ $(A)$ $(B)$ $Friday$ $(C)$ $Tuesday$ 79. $64, 29, 23, 11, ?$ $(A)$ $(A)$ $(B)$ $5$ $(C)$ $6$ 80. $74, 63, 54, 45, ?$ $(A)$ $(B)$ $33$ $(C)$ $39$ 81.       How many degreee will the minute-hand move, in the sam $10^{\circ}$ ? $(A)$ $40^{\circ}$ $(B)$ $80^{\circ}$ $(C)$ $120^{\circ}$ In each question, a series of letters satisfying a certain pattern are generative in place of the blank/blanks. $82$ $A, E, I, M, Q, U, \dots$ $A, E, I, M, Q, U, \dots$	(D) Pancreas
77.       7       12       8       3         8       11       9       2         10       10       10       7         (A) $-1$ (B) 5       (C) 0         78.       If 14 November 2006 is a Sunday, then14 November 2706 i         (A) Sunday       (B) Friday       (C) Tuesday         79.       64, 29, 23, 11, ?       (A) 4       (B) 5       (C) 6         80.       74, 63, 54, 45, ?       (A) 34       (B) 33       (C) 39         81.       How many degreee will the minute-hand move, in the sam $10^{\circ}$ ?       (A) $40^{\circ}$ (B) $80^{\circ}$ (C) 120^{\circ}         In each question, a series of letters satisfying a certain pattern are gethe letter/letters that will come in place of the blank/blanks.       82.       A, E, I, M, Q, U,	
7       12       8       3         8       11       9       2         10       10       10       ?         (A) $-1$ (B) 5       (C) 0         78.       If 14 November 2006 is a Sunday, then14 November 2706 i         (A) Sunday       (B) Friday       (C) Tuesday         79.       64, 29, 23, 11, ?       (A) 4       (B) 5       (C) 6         80.       74, 63, 54, 45, ?       (A) 34       (B) 33       (C) 39         81.       How many degreee will the minute-hand move, in the sam $10^{\circ}$ ?       (A) $40^{\circ}$ (B) $80^{\circ}$ (C) 120^{\circ}         In each question, a series of letters satisfying a certain pattern are gethe letter/letters that will come in place of the blank/blanks.       82.       A, E, I, M, Q, U,	
8       11       9       2         10       10       10       ?         (A) $-1$ (B) 5       (C) 0         78.       If 14 November 2006 is a Sunday, then14 November 2706 i         (A) Sunday       (B) Friday       (C) Tuesday         79.       64, 29, 23, 11, ?         (A) 4       (B) 5       (C) 6         80.       74, 63, 54, 45, ?         (A) 34       (B) 33       (C) 39         81.       How many degreee will the minute-hand move, in the sam 10° ?         (A) 40°       (B) 80°       (C) 120°         In each question, a series of letters satisfying a certain pattern are of the letter/letters that will come in place of the blank/blanks.         82.       A, E, I, M, Q, U,	
10       10       10       ?         (A) $-1$ (B) 5       (C) 0         78.       If 14 November 2006 is a Sunday, then14 November 2706 is a Sunday, then14 November 2706 i         (A) Sunday       (B) Friday       (C) Tuesday         79.       64, 29, 23, 11, ?         (A) 4       (B) 5       (C) 6         80.       74, 63, 54, 45, ?         (A) 34       (B) 33       (C) 39         81.       How many degreee will the minute-hand move, in the sam 10° ?         (A) 40°       (B) 80°       (C) 120°         In each question, a series of letters satisfying a certain pattern are getthe letter/letters that will come in place of the blank/blanks.         82.       A, E, I, M, Q, U,	
(A) -1       (B) 5       (C) 0         78.       If 14 November 2006 is a Sunday, then14 November 2706 is a Sunday, then14 November 2006 is a Sunday, then14 November 2706 is a Sunday, then14 November 2006 is a Sunday, then14 November 2006 is a Sunday, then14 November 2006 is a Sunday, then14 November 2007 is a Sunday, then14 November 2007 is a Sunday, then14 November 2008 is a Sunday, the14 November	
<ul> <li>78. If 14 November 2006 is a Sunday, then14 November 2706 is a Sunday, then14 November 2706 is a Sunday.</li> <li>79. 64, 29, 23, 11, ? <ul> <li>(A) 4</li> <li>(B) 5</li> <li>(C) 6</li> </ul> </li> <li>80. 74, 63, 54, 45, ? <ul> <li>(A) 34</li> <li>(B) 33</li> <li>(C) 39</li> </ul> </li> <li>81. How many degreee will the minute-hand move, in the sam 10°? <ul> <li>(A) 40°</li> <li>(B) 80°</li> <li>(C) 120°</li> </ul> </li> <li>In each question, a series of letters satisfying a certain pattern are gethe letter/letters that will come in place of the blank/blanks.</li> <li>82. A, E, I, M, Q, U,</li> </ul>	(D) 7
<ul> <li>(A) Sunday</li> <li>(B) Friday</li> <li>(C) Tuesday</li> <li>79. 64, 29, 23, 11, ? <ul> <li>(A) 4</li> <li>(B) 5</li> <li>(C) 6</li> </ul> </li> <li>80. 74, 63, 54, 45, ? <ul> <li>(A) 34</li> <li>(B) 33</li> <li>(C) 39</li> </ul> </li> <li>81. How many degreee will the minute-hand move, in the sam 10°? <ul> <li>(A) 40°</li> <li>(B) 80°</li> <li>(C) 120°</li> </ul> </li> <li>In each question, a series of letters satisfying a certain pattern are of the letter/letters that will come in place of the blank/blanks.</li> <li>82. A, E, I, M, Q, U,</li></ul>	sa
<b>79.</b> $64, 29, 23, 11, ?$ (A) 4       (B) 5       (C) 6 <b>80.</b> $74, 63, 54, 45, ?$ (A) 34       (B) 33       (C) 39 <b>81.</b> How many degreee will the minute-hand move, in the sam $10^{\circ}$ ?         (A) $40^{\circ}$ (B) $80^{\circ}$ (C) $120^{\circ}$ In each question, a series of letters satisfying a certain pattern are get the letter/letters that will come in place of the blank/blanks. <b>82.</b> A, E, I, M, Q, U,	(D) Monday
<ul> <li>(A) 4</li> <li>(B) 5</li> <li>(C) 6</li> <li>80. 74, 63, 54, 45, ?</li> <li>(A) 34</li> <li>(B) 33</li> <li>(C) 39</li> <li>81. How many degreee will the minute-hand move, in the sam 10°?</li> <li>(A) 40°</li> <li>(B) 80°</li> <li>(C) 120°</li> <li>In each question, a series of letters satisfying a certain pattern are get the letter/letters that will come in place of the blank/blanks.</li> <li>82. A, E, I, M, Q, U,</li> </ul>	
80.       74, 63, 54, 45, ?         (A) 34       (B) 33       (C) 39         81.       How many degreee will the minute-hand move, in the sam 10° ?         (A) 40°       (B) 80°       (C) 120°         In each question, a series of letters satisfying a certain pattern are of the letter/letters that will come in place of the blank/blanks.         82.       A, E, I, M, Q, U,	(D) 8
<ul> <li>(A) 34</li> <li>(B) 33</li> <li>(C) 39</li> <li>81. How many degreee will the minute-hand move, in the sam 10°?</li> <li>(A) 40°</li> <li>(B) 80°</li> <li>(C) 120°</li> <li>In each question, a series of letters satisfying a certain pattern are get the letter/letters that will come in place of the blank/blanks.</li> <li>82. A, E, I, M, Q, U,</li> </ul>	
<ul> <li>81. How many degreee will the minute-hand move, in the sam 10°?</li> <li>(A) 40°</li> <li>(B) 80°</li> <li>(C) 120°</li> <li>In each question, a series of letters satisfying a certain pattern are get the letter/letters that will come in place of the blank/blanks.</li> <li>82. A, E, I, M, Q, U,</li> </ul>	(D) 36
<ul> <li>(A) 40°</li> <li>(B) 80°</li> <li>(C) 120°</li> <li>In each question, a series of letters satisfying a certain pattern are get the letter/letters that will come in place of the blank/blanks.</li> <li>82. A, E, I, M, Q, U,</li> </ul>	e time, in which the hour-hand moves
In each question, a series of letters satisfying a certain pattern are get the letter/letters that will come in place of the blank/blanks. 82. A, E, I, M, Q, U,	(D) 160°
<b>82.</b> A, E, I, M, Q, U,	given. Identity the pattern and then find
(A) B, F (B) Y, C (C) G, I	(D) K, O
<b>83.</b> J, I, K, M, O, N, P, R, Q, S,	
(A) U (B) V (C) T	(D) R
<b>84.</b> VS : LI : : PR :	
(A) EF (B) FH (C) GH	(D) DF

#### SECTION – B

#### (Comprehension Type)

This section contains **2 paragraphs**. Based upon the first paragraph 3 multiple choice questions and based upon the second paragraph 3 multiple choice questions have to be answered. Each of these questions has four choices (A), (B), (C) and (D) out of which **ONLY ONE** is correct.

Parag	Paragraph-1						
	Mr Marx's and Mr Bagshaw's cars are black. The others have red ones. Mr Bagshaw and Mrs Chance have a white stripe on the sides of their cars. Miss Jenkins has a blue stripe on the side of her car. Mr Fleming and Mr Marx have silver stripes on the sides of their cars. Miss Jenkins' and Mr Fleming's have blue upholstery, the others have white.						
85.	Who has a car with blue upholstery and a silver stripe?						
	(A) Mr Bagshaw	(B)	Miss Jenkins	(C)	Mrs Chance	(D)	Mr Fleming
86.	Who has a car with a	a silve	er stripe and white	upho	olstery?		
	(A) Mr Bagshaw	(B)	Miss Jenkins	(C)	Mrs Chance	(D)	Mr Marx
87.	Who has got the red car with a blue stripe and matching upholstery?						
	(A) Mr Bagshaw	(B)	Miss Jenkins	(C)	Mrs Chance	(D)	Mr Fleming
Parag	Paragraph-2						
	Jane, Rachel and Tessa are girls who are wearing a jacket, coat or skirt in blue, green or red. None of these articles of clothing is the same colour and each girl is wearing a different colour. The coat belonging to Tessa is not green. Rachel's jacket and Jane's skirt are the same colour. Tessa's skirt is red. Her jacket, Rachel's skirt and Jane's coat are all the same colour.						
88.	What colour is Tessa	a's co	at?				
	(A) blue	(B)	green	(C)	red	(D)	yellow
89.	Which girl has the gr	een o	coat?				
	(A) Jane	(B)	Rachel	(C)	Tessa	(D)	None of these
90.	Which girl has the bl	ue jao	cket?				
	(A) Jane	(B)	Rachel	(C)	Tessa	(D)	None of these

