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Q.1	Energy Crops are sour	ce of :-		(a) 44A+XXY	(b) 44A+XO
	(a) Bio- fuels	(b) Alcohol fuels		(c) 45A+XY	(d) 45A+XO
	(c) Coal Energy	(d) None of these	Q.10	Plague is a :-	
Q.2	Commercial Acetic Acid	d is used in the		(a) Viral Disease	(b) Fungal Disease
	preparation of :-			(c) Bacterial Disease	(d) Mineral Disease
	(a) Mead	(b) Vinegar	Q.11	Permanently coloured	optical glasses contain:-
	(c) Alcohol	(d) Wine		(a) Cerium Oxide	(b) Cerium Chloride
Q.3	Artificial heart valve is r	made up of :-		(c) Silver lodide	(d) Silver Bromide
	(a) Special Plastics	(b) Ceramics	Q.12	Water gas is :-	ТМ
	(<mark>c</mark>) Metal alloys	(d) All of the above		(a) 2H+CO	(b) 2H+CO ₂
Q.4	ELISA is :-			(c) H ₂ +CO	(d) H ₂ +CO ₂
	(a) Immuno <mark>log</mark> ical test	(b) Serological test	Q.13	Vermillion is :-	
	(<mark>c</mark>) Both (a) and (b)	(d) None		(a) HgS	(b) HgNH₃Cl
Q.5	Cause of Syndrome is	SHAPING TO	UR	(c) HgCl ₂	(d) Hg (NO ₃) ₂
	(a) Abnormalities in ch	romosomes	Q.14	On the Pouling 's elect	tro-negativity scale the
	(b) Nutrition			element next to Fluorir	ne is :-
	(c) Life style			(a) Nitrogen	(b) Oxyg <mark>e</mark> n
	(d) None			(c) Chlorine	(d) Bromine
Q.6	Liver is located in :-		Q.15	A gas has a vapour de	ensity 11.2. The volume
	(a) Neck	(b) Head			(b) 22 4
	(c) Abdomen	(d) Thorax		(a) 11 2	(d) 4
Q.7	Sinuses is related with	:-	0.16	What is correct way:-	(d) +L
	(a) Open circulatory sy	vstem	Q.10		
	(b) Closed circulatory	system		(a) $V = \Gamma \times \omega$	(b) $F = a \times m$
	(c) Body tissues			(c) $\dot{v} = \omega + \dot{r}$	(b) $W = F \times ds$
	(d) None		Q.17	Ist Oil Koop is located	in :-
Q.8	Law of purity of gamete	es was proposed by:-		(a) Pennsylvania	(b) Drumlin
	(a) Lamark	(b) Darwin		(c) Inselberg	(d) Gaya
	(c) Mendel	(d) Hugo-De- Vries	Q.18	Diamond ring is related	d with :-
Q.9	Genotype of Klineflinter	r syndrome is :-		(a) Sun	(b) Gold
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	(c) Jewellery	(d) Finger		(c) KOH	(d) NH ₄ Cl		
Q.19	Percentage of carbon i	in Lamp Black is :-	Q.27	Hydrogen Bomb is bas	ed on the principle of :-		
	(a) 90-95%	(b) 80-90%		(a) Nuclear Fission	(b) Nuclear Fusion		
	(c) 98-99%	(d) 25%		(c) Nuclear explosion	(d) Chain reaction		
Q.20	Primary source of Biolo	ogical energy is :-	Q.28	Which is the Unicellula	ar micro organism?		
	(a) Sun	(b) Animals		(a) Spirogyra	(b) Virus		
	(c) Green Plants	(d) Non- green plants		(c) Paramaecium	(d) Hydra		
Q.21	The formula of a Metal	chloride is MCl ₃ . If the	Q.29	Hormones are secrete	d of :-		
	atomic mass of the me	etal is 120, it's equivalent		(a) Spleen	(b) Gall Bladder		
	(a) 40	(b) 30		(c) Ductless glands	(d) Kidney		
	(a) 40	(d) 30	Q.30	Name the components	responsible for blood		
0.22		(u) 20		clotting : -			
Q.22			ПР	(a) White blood cells	(b) Red blood cells		
	(c) Alkaline	(d) Neutral	UK	(c) Platelets	(d) Plasma		
0.22	(c) Aikaine		Q.31	What is the maximum	life span of R. B.C.?		
Q.23	$2SO_2 + O_2 \xrightarrow{As_2O_3} 2SO_3$	3 in the above reaction,		(a) 1 Year	(b) 127 days		
	(a) Positive Catalyst	(b) Negative Catalyst		(c) 24 hrs	(d) 8Sec		
	(c) Catalyst Poison	(d) Activator	Q.32	Name the mammal ha	ving smallest R.B.C.?		
Q 24	Mass of 3.01 $\times 10^{23}$ mc	ecules of a gas at N T P		(a) Camel	(b) Kasturi Mrig		
G.2 1	is 35.5 gm. The moleci	ular weight of the gas will		(c) Rat	(d) Elephant		
	be:-		Q.33	Onion, Potato and Gin	ger are:-		
	(a) 7	(b) 71		(a) Root	(b) Modified stem		
	(c) 35.5	(d) 14		(c) Adventitious root	(d) Scale Leaves		
Q.25	Which is an antacid?		Q.34	Who discovered the bl	ood group in human		
	(a) Formic Acid	(b) Acetic Acid		(a) Landsteiner	(b) lennings		
	(c) Lactic Acid	(d) Milk of Magnesia		(c) Pantien and Mast	(d) Karl Mary		
Q.26	Select the compound w	which contains all the	0 35	In which atom all the th			
	three bonds i.e. electro	ovalent bond, co- valent pond:-	Q.00	(i.e. electron, proton ar	nd neutron) are not		
	(a) SO ₂	(b) SO ₃		present?			
	(a) No such atom exists						
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	(b) Helium			(b) A constellation		
	(c) Deuterium			(c) Natural Satellite	of Mars	
	(d) Hydrogen			(d) Only some parts	of the moon can emit light	
Q.36	The e.m.f. of lead accu	umulator cell is :-	Q.43	Phases of moon are	observed because:-	
	(a) 1.45 volt	(b) 1.1 volt		(a) The moon does	not reflect sun light	
	(c) 2.2 volt	(d) 12 volt		(b) The relative posi	tion of the sun, earth and	
Q.37	The substance mixed i	in the preparation of		the moon changes		
	photochromatic glass i	s :-		(c) The shadow of e	arth falls on the moon	
	(a) Cerium Oxide	(b) Silver lodide		(d) Only some parts	of the moon can emit light	
	(c) Lithium Oxide	(d) Chromium Oxide	Q.44	Which of the followin	g is not a membe <mark>r</mark> of the	
Q.38	Which gas is filled in th	ne electric bulb?		solar system?		
	(a) Oxygen	(b) Air		(a) Asteroids	(b) Morning star	
	(<mark>c</mark>) Argon	(d) Chlorine		(c) Satellites	(d) Constellation	
Q.39	On passing a current	of 2 amperes for 5	Q.45	Which one is called t	he evening star?	
	seconds in a conducto	or, 30 joules of energy is		(a) Venus (Shukra)	(b) Mercury (Budh)	
	two ends of the condu	ictor:-		(c) Mars (mangal)	(d) Jupiter (Brihaspati)	
	(a) 15volt	(b) 3 volt	Q.46	Halley's comet was s	seen:-	
	(c) 6 volt	(d) 12 volt		(a) In 1986	(b) In 1976	
Q.40	In summ <mark>ers</mark> the electric	c wires of transmission		(c) In 1996	(d) In 1966	
	line are lowered down	because :-	Q.47	The twin planet of ea	orth is called:-	
	(a) value of 'g' increas	SHAPING YOU	R C	(a) Mars	(b) Jupiter	
	(b) Gravity of earth inc	creases		(c) Venus	(d) Saturn	
	(c) Wire are elongated	d on increase of	Q.48	The comet is about to	o be seen in the year 1997:-	
	temperature			(a) Hyakutake	(b) Hail bap	
	(d)_Weight of wire incr	reases		(c) Halley's	(d) None	
Q.41	Which of the following	is a star?	Q.49	Such bodies which m	nove around the planets are	
	(a) Alpha centuari	(b) Deimos				
	(c) Orion	(d) Phobos		(a) Stars	(b) Satellites	
Q.42	Ursa major is:-		0.50	(c) Meteors	(d) None	
	(a) Seen only with a T	elescope	Q.50	i ne Planets with larg	jest satellites is :-	
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	(a) Saturn	(b) Jupiter	Q.59	The terrestrial planet i	in the solar system are :-	
	(c) Earth	(d) Mars		(a) Mercury, Venus, I	⊃luto, Jupiter	
Q.51	The moon is	of earth.		(b) Mercury, Venus, I	Earth and Mars	
	(a) Planet	(b) Satellites		(c) Jupiter, Saturn, U	ranus and Neptune	
	(c) Meteors	(d) Mirror		(d) Venus, Earth, Ma	rs and Jupiter	
Q.52	The temperature of wh	ich star will be higher?	Q.60	Which planet is in be	tween of Mercury and	
	(a) Blue star	(b) Yellow star		Earth?		
	(c) Red star	(d) Orange star		(a) Jupiter	(b) Pluto	
Q.53	The cause by which a	planet appears brighter:-		(c) Venus	(d) None TM	
	(<mark>a</mark>) Planets emit light i	tself	Q.61	How many anticipated	d planets are there in the	
	(b) Planets reflect the	sun light				
	(c) Both (a) <mark>and (b)</mark>			(a) 3	(D) 6	
	(d) Neither (a) nor (b)	SUADING VO	0.62	(c) 9	(u) 15	
Q.54	The satellites made by	scientists are called:-	Q.02	(a) Time	(b) Distance	
	(a) Natural	(b) Artificial			(d) Velocity of light	
	(c) Both (a) and (b)	(d) None	0.62	(C) Work	nlanet2	
Q.55	The body, burning like	a star and coming toward	Q.05	(a) Mars	(b) lupitor	
	earth, is called:-				(d) Satura	
	(a) Com <mark>ets</mark>	(b) Ceres	0.64	Which is the forthest r	(u) Saturn	
	(c) Meteors	(d) Satellites	Q.04		(b) Nantuno	
Q.56	The time taken by the	sun to rotate its own axis		(a) Dranus	(d) Satura	
	(a) 265 days	(b) 25 days	0.65	(c) Fluto		
	(a) 303 days	(d) 10 days	Q.05		(b) lupitor	
0.57	(c) 125 days	(u) To days			(d) Forth	
Q.57	(a) Moreury		0.66	(c) Saturn		
	(a) Mercury	(d) Mars	Q.00	(a) Jupiter is the large	est planet of the solar	
Q.58	The sun is a :-			system	est planet of the solar	
	(a) planet	(b) Satellite		(b) Venus is the brigh	ntest planet	
	(c) Star	(d) Comet		(c) Pluto is the farthe	st planet from the earth	
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	(d) All of the these		Q.74	Which planet has the	largest revolution period?	
Q.67	Which one of the follow	ing planets has the		(a) Earth	(b) Mars	
	largest satellites or mod	ons?		(c) Venus	(d) Saturn	
	(a) Saturn	(b) Mars	Q.75	Which planet is called	the morning star?	
	(c) Jupiter	(d) Pluto		(a) Venus	(b) Mercury	
Q.68	How much time does th	e light take to reach the		(c) Mars	(d) Saturn	
	earth from the sun?		Q.76	The earth takes time to	o go once around the	
	(a) 8.3 hours	(b) 8.3 minute		sun:-		
	(c) 8.3 second	(d) 83 minute		(a) Approx-30 days	(b) Approx- one yea <mark>r</mark>	
Q.69	The correct statement i	n the following is :-		(c) Approx-24 hours	(d) Approx – one week	
	(a) Mercury is the near	est planet to the Sun and	Q.77	Which planet has rings	s surround it?	
		anet to the sun		(a) Earth	(b) Venus	
	(b) Earth is the hearest	in		(c) Saturn	(d) Mars	
	(c) Nearest planet to S	SHAPING YO	U Q.78	The star can be seen	in the night moving from?	
	Neptune			(a) North to South	(b) East to West	
	(d) Mercury is the nea	rest planet and Pluto is		(c) South to North	(d) West to East	
	the farthest planet to the	ne sun	Q.79	The centre of the Sola	r system is called?	
Q.70	Revolution period of Ha	alley's Comet is :-		(a) Earth	(b) Venus	
	(a) 56 years	(b) 76 years		(c) Mars	(d) Sun	
	(c) 86 years	(d) 96 years	Q.80	The diameter of the su	ın is :-	
Q.71	The temperature of sur	face of the sun is :- YOU	R C	(a) 1.5 ×10 ³ m	(b) 1.5 ×10 ⁵ m	
L.	(a) 60 K	(b) 600 K		(c) 1.5 ×10 ⁹ m	(d) 1.5 ×10 ¹² m	
	(c) 6000 K	(d) 12000K	Q.81	The distance one light	year is equal to :-	
Q.72	How much percent is th	e mass of sun of total		(a) 9.48× 10 ¹⁵ km	(b) 9.48× 10 ¹² km	
	mass of solar system a	pproximately?		(c) 3.9× 10 ¹⁵ km	(d) 3.9× 10 ¹⁴ km	
	(a) 99.9%	(b) 75%	Q.82	Which of the following	statement is false?	
	(c) 60%	(d) 50%		(a) Satellites rotate at	pout their axis	
Q.73	In 1996 a new comet w	as seen, what name was		(b) Satellites do not e	mit light	
	(a) Hallev's comet	(b) Havakutake comet		(c) Earth is centre of t	the solar system	
	(c) White dwarf compt	(d) None		(d) Sun is a star	-	
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Q.83	First space traveler woman is –	Q.90	Which space shuttle was sent in search of venus
	(a) Sklenova (b) D- Fwang		
	(c) Valintina Tereshkova		(a) Venus-9 (b) Apolio-2
	(d) None	0.04	(c) Meinar-10 (d) Luna-3
Q.84	First space man traveler is –	Q.91	The expension of universe is checked by-
	(a) Neil Armstrong (b) Yuri Gagrin		(a) Gravitation (b) Light
	(c) Volsnag (d) None		(c) Sound (d) All
Q.85	Whose abundancy is in the universe?	Q.92	Sun is located ;
	(a) Planets (b) Stars		(a) On flat part of milky way
	(<mark>c</mark>) Both the above (d) None		(b) On spherical part of the milky way
Q.86	Revolving artificial satellite about the earth does		(c) On central part of the milky way
	not fall down, because the attraction of earth-		(d) Out side the milky way
	(a) Satisfies with the attraction of moon	Q.93	Which of the following is a galaxy?
	(b) Destroys at so far distance YO	UR	(a) Sun (b) Star
	(c) Satisfies with the viscous force produced by		(c) Milky way (d) Orian
	atmosphere	Q.94	Outer of planets are formed of –
	(d) Produces required acceleration for motion on its curved path		(a) Hydrogen (b) Helium
0.87	In which year the satiliete 'Aryabhatta' was		(c) Both (d) None
Q.OT	launched?	Q.95	Which one of the following is not the name of celestial body?
	(a) 1973 (b) 1975 SHAPING YOUF	R C	(a) The Star (b) The Sun
	(c) 1977 (d) 1980		(c) The moon (d) Light year
Q.88	Of what colour the sky appears to space	Q.96	Name the star which appears stationary from
	traveler?		the earth?
	(a) Blue (b) Red		(a) Pole star (b) Sun
	(c) Yellow (d) Black		(c) Rigel (d) Betelgeuse
Q.89	situated ?	Q.97	Name the planet that was predicted before it
	(a) Ahmedabad (b)Sriharikota		was actually observed.
	(c) Thiruvananthpuram (d) Balsore		(a) Saturn (b) Uranus
		. .	(C) Pluto (d) Neptune
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	(a) 10 billion years	(b) 5 billion years		(c) Fertilizer	
	(c) 15 billion years	(d) None		(d) Organic colloids	
Q.99	Which force keeps the system bound to the su	members of the solar un?	Q.106	Which of the following of soil?	g is/are the classified types
	(a) Gravitational force	(b) Attraction force		(a) Sandy soil	(b) Loamy soil
	(c) Viscous force	(d) None		(c) Clayey soil	(d) All
Q.100	A group of star that app the sky is known as :	pears to form a pattern in	Q.107	The soil with particle s diameter is –	size greater than 2mm in
	(a) Constellation	(b) Rigel		(a) Sand	(b) Gravel
	(c) Comet	(d) Polaris		(c) Silt	(d) Clay
Q.101	Which of the following and deepest soil?	biomes has the richest	Q.108	Which rocks would be skeleton and shells of	e formed by deposits of f animals?
	(a) Tall grass prairie			(a) Quarter	(b) Basalt
	(b) Tundra	SHAPING YO	UR	(c) Limestone	(d) Sandstone
	(c) Temperate deciduo	ous forest	Q.109	The most important d	eterminant of resistance of
	(d) Tropical air forest			rocks of weathering is	s rock?
Q.102	In which of the followin	g habitats does the		(a) Porosity	(b) Permeability
	diurnal temperature of most?	the soil surface vary		(c) Hardness	(d) Jointing
	(a) Desert	(b) Grassland	Q.110	Soil profile refers to a	arrangement within a soil of
	(c) Shrub land	(d) Forest		(a) Groups of soil gr	ains
0 103	Soil showing permaner	ut wilted plants has -	я с,	(b) Its horizontal laye	irs
Q. 105	(a) Gravitational water	(b) Ground Water		(c) Irs vertical layer	
		(d) Hygroscopo weter		(d) None	
0.101	(c) Capillary water		Q.111	The parent materials	of soils are derived more
Q.104	the soil with pH	cicoles usually occur in		(a) Piological action	
	(a) 6.5	(b) 4.5		(a) Biological action	
	(c) 7.0	(d) 8.5		(b) Igneous locks	
Q.105	Humus is an example of	of –		(d) Metamorphic rock	
	(a) Crystalloid		0 112	The most effective e	nothod for r5eturning
	(b) Component of soil	structure	Q.11Z	minerals to the soil is	–
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	(a) Crop rotation			(d) None	
	(b) Furrowing		Q.119	Soil provides shelter to)
	(c) Contour ploughing			(a) Bacteria	(b) Earthworm
	(d) Terracing			(c) Protozoa	(d) All
Q.113	Soil erosion can be pre	vented by-	Q.120	Soil is important for th	e subtenance of life on
	(a) Over- grazing			the –	
	(b) Removal of vegeta	tion		(a) Air	(b) Water and air
	(c) Afforestution			(c) Earth	(d) None
	(d) Terracing		Directi	on: In each of the follo	owing question, four
Q.114	Soil erosion is more wh	ere there is –		suggested answers a correct answer.	re given . write the
	(a) Low rainfall		Q.121	Which one of the follow	ving numbers is perfect
	(b) No rainfall at all			square? 722, 636, 577	8, 625
	(c) High rainfall	-		(a) 722	(b) 5778
	(<mark>d</mark>) None	SHAPING YO	UR	(c) 363	(d) 625
Q.115	Which of the following s	states has very little	Q.122	Which one of the follow	ving numbers is perfect
	alluvial soil?			square? 40007, 49000	, 3600, 81000 TM
	(a) Punjab	(b) Tamil Nadu		(a) 40007	(b) 4900 <mark>0</mark>
	(c) Bihar	(d) Madhya Pradesh		(c) 3600	(d) 81000
Q.116	The soil is the uppermo	ost layer of –	Q.123	Which one of the follow	ving numbers is perfect
	(a) Water surface	(b) Land surface		(a) 1000000	(b) 6678
	(c) Marine water surface			(c) 3930	(d) 55557
	(d) All		0 124	Which one of the follow	ving numbers is perfect
Q.117	The rocks br4eak into s	smaller pieces through	G.IZT	square? 4900, 90000,	810000, 81000
	(a) Water	(b) Snow		(a) 4900	(b) 90000
	(c) Wind	(b) Milla (b)		(c) 810000	(d) 81000
Q.118	Soil erosion can be pre	vented by-	Q.125	Which one of the follow	ving numbers is perfect
	(a) Growing trees			square of an even num	nber? 121, 625, 169, 1296
	(b) Reclamation of ravi	ines		(a) 625	(b) 169
	(c) Both a and b			(c) 1296	(d) 121
	T India 14/22 See 44 DID	Dood Noor Munchi Dullia Judia	Nonela	aknow Db.0533 3303450	3714003 07375034537
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Q.126	Which one of the follow square numbers, is the	ving numbers is perfect square of an odd		(a) 998001 (c) 798001	(b) 898001 (d) 989001
	number? 169, 400, 900 (a) 169), 1600 (b) 400	Q.136	$(3333)^2$ is equal to –	
	(c) 900	(d) 1600		(a) 31108889	(b) 2110888
Q.127	The value of $(56)^2 - (55)^2$) ² is –		(c) 12108889	(d) 11108889
	(a) 111	(b) 110	Q.137	(5555) ² is equal to –	
	(c) 112	(d) 109		(a) 20858025	(b) 40858025
Q.128	$(555)^2 - (5554)^2 = ?$			(c) 30858025	(d) 10858025
	(a) 1106	(b) 1109	Q.138	Which one of the triple	ets given below is
	(c) 1009	(d) 1103		(40, 24, 20) (0, 44, 42)	
Q.129	$(65)^2 - (60)^2 = ?$			(10, 24, 26),(9, 11, 13)	(5, 7, 9),(7, 10, 13)
	(a) 525	(b) 625		(a) (7, 10, 13)	(b) (9, 11, 13)
	(c) 725	(d) 615 PING YO	URm	(c) $(10, 24, 26)$	(a) (5, 7, 9)
Q.130	The value of $(75)^2$ is –		Q.139	Pythagorean triplet?	ets given below is
	(a) 5620	(b) 6625		(12, 35, 37),(11, 60, 6	1), (13, 15, 17) ,(5, 12, <mark>13)</mark>
	(c) 5625	(d) 5525		(a) (13, 15, 17)	(b) ,(5, 12, 13)
Q.131	The value of (95) ² is –			(c) (1 <mark>2,</mark> 35, 37)	(d)),(11, 60, 61)
	(a) 9025	(b) 8025	Q.140	(6, 8, 10) and (5, 12, 1	3)
	(c) 9125	(d) 905		(a) Both are Pythagor	ean triplets
Q.132	The value of $(102)^2$ is –	HAPING YOU	R C	(b) None of the both	is Pythagorean triplet
L	(a) 11404	(b) 10404		(c) First is Pythagorea	an triplet while second is
	(c) 20404	(d) 21404		not	
Q.133	The value of (11111) ² is	s –		(d) Second is Pythage	orean triplet while first is
	(a) 123454321	(b) 113454321		not	
	(c) 103454321	(d) 112345431	Q.141	$(57)^2 - (52)^2 = 5 \times ?$	
Q.134	The value of $(666)^2$ is –			(a) 109	(b) 108
	(a) 543556	(b) 343556	_	(c) 5	(d) None
	(c) 4443556	(d) 643556	Q.142	The number of digits in is –	n the square root of 11664
Q.135	The value of $(999)^2$ is –	-		(a) 3	(b) 4
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	(c) 2	(d) None	Q.150	What is the smallest nu	umber that must be
Q.143	The number of digits in 298116 is –	the square root of		subtracted from 5933 so that the remainder m be a perfect square?	
	(a) 4	(b) 5		(a) 6	(b) 9
	(c) 3	(d) 6		(c) 4	(d) 5
Q.144	The unit digit in the squ	uare root of 47089 is –	Q.151	What is the smallest nut	umber that must be added fect square?
	(a) 3	(b) 7		(a) 576	(b) 436
	(c) 6	(d) None		(c) 464	(d) 146
Q.145	What is the least numb multiplied, then the pro	er by which if 180 is oduct is a perfect square?	Q.152	What is the smallest n	umber that must be
	(a) 4 —	(b) 3		added to 4515600 to g	et a perfect square?
	(c) 5	(d) 6		(a) 25	(b) 28
0 146	What is the least numb	(d) 0		(c) 27	(d) 32
Q.140	divided, then the quotie	ent is a perfect square?	Q.153 JR	What is the largest nur is a perfect square?	nber of two digits , whi <mark>ch</mark>
	(a) 4	(b) 6		(a) 96	(b) 32
	(c) 5	(d) 3		(c) 81	(d) 64
Q.147	In a conference hall of were sitting in such a w	a school, 625 students vay that there were as	Q.154	Find the least number of perfect square?	of six digits, which is a
	How many rows were t	here?		(a) 100489	(b) 1990 <mark>0</mark> 0
	(a) 15	(b) 35		(c) 200589	(d) 102279
	(c) 25	(d) 45 ING YOUF	Q.155	A gardener arranges 3	640 plants in such a way
Q.148	Rs. 7744 were collected	ed in a school in the from		that each row contains	a s many plants as there
	of fee. If each student i	s paid as many rupees		are rows. In doing so 4	0 plants are remained in
	as there were the num	ber of students in the		the end. Find out the n	umber of plants in each
	school. How many stud	dents were there?		(a) 50	(h) 60
	(a) 78	(b) 88		(a) 56	(b) 60
	(c) 98	(d) 68		(C) 62	(d) 74
Q.149	What is the smallest nu	umber that must be	Q.156	A teacher arranges his	students in such a way
	subtracted from 19449	1 to get a perfect square?		there are rows. If in each	ch row there are 80
	(a) 10	(b) 12		students, and 20 stude	nts remained in the end
	(c) 9	(d) 17		what was the total num	ber of students?
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	(a) 7240	(b) 6680		(c) Msutard	(d) Maize	
	(c) 6400	(d) 6420	Q.165	(a) Deer	(b) Panther	
Q.157	By which smallest num	ber must 1512 be		(c) Jackal	(d) Wolf	
	multiple so that the pro	duct is a perfect square?	Q.166		\mathbf{N}	
	(a) 36	(b) 72		(a) (b)	(c) (d)	
	(c) 42	(d) 54	Directi	ion : (Q 167 to173)In	the following question,	
Q.158	By what smallest numb	er must 720 be divided		there are four terms	in each question, the	
_	so that the quotient is a	a perfect square?		terms right to the sy	mbol : : have some	
	(a) 5	(b) 7		relationship as the t	wo terms of the left of four tem one term is	
	(c) 12	(d) 18		missing, which is or	ne of the four al <mark>t</mark> ernatives	
Q.159	What is the least numb	er which is divisible by 5,		given below. Find o	our the correct alternative	
	7, 9 and 12 and is a p	erfect square?		and indicate its corr	ect alternative letter.	
	(a) 32952	(b) 32800	Q.167	BYCX: DWEV : : FUG	GT : ?	
	(<mark>c</mark>) 36888	(d) 44100 YOU	JR	(a) HSIQ	(b) GRHQ	
Q.160	A man went on a jo	urney for few days. On		(c) ITJS	(d) HSIR	
	returning he found that	on each day he spent as	Q.168	ADGJ : KNQT : : ? N	IPSV	
	many 50 paise coins a	as many days ne was on		(a) CIEL	(b) DJGM TM	
	many days he went on				(d) CEII	
		(b) 1940	0 100			
	(a) 1000	(d) 1725	Q. 109			
	(c) 1920	(d) 1735				
Directi	on: (Q161 to166) In the	e following questions,	C/	(c) WUIXS		
L.	are alike in some way	. One term is different	Q.170	$\frac{Y}{E}: 20 :: \frac{N}{D}: ?$		
	from others. Find out	the correct term and		(a) 4	(b) 6	
	indicate its correct5 a	Iternative letter.		(c) 8	(d) 10	
Q.161	(a) Patna	(b) Bhopal	0 171	(0) 0 HC · 2 · · OK · $\frac{110}{10}$		
	(c) Hyderabad	(d) Allahabad	Q.171	(1) 40/40	(1) 00/00	
Q.162	(a) 139117	(b) 138112		(a) $10/40$	(d) 20/00	
	(c) 13791	(d) 13678	0.4=4	(C) 30/60	(a) 30/80	
Q.163	(a) C.H.	(b) F.D.	Q.172	PSVY:ORUX:BE	нк:?	
	(c) B.L.	(d) P.E.		(a) A⊦DJ	(b) ADEJ	
0 164	(a) Wheat	(b) Barley		(c) ADGJ	(d) DFAJ	
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Q.173	PD:10::Cl:?			(c) 43, 9	(d) 13,10		
	(a) 12	(b) 10	Q.180	4, 1, 9, 8, 16, 27, 25, 6	4 ,?, ?		
	(c) 08	(d) 06		(a) 64, 81	(b) 49, 64		
Directi	on: (Q 174 to178) Ir	n the following questions,		(c) 49, 36	(d) 36, 125		
	there are equations	have become wrong due	Q.181	?, ? 13, 17, 25, 32, 37,	47, 58, 71		
	order of signs in th	he four alternatives given		(a) 9, 10	(b) 10, 9		
	below so that the	equation become right.		(c) 11, 10	(d) 10, 12		
	And indicate its cor	rect alternative letter.	Q.182	1, 2, 4, 6, 16, 18, 64, 5	4, ?, ?		
Q.174	6×3=5÷10			(a) 256, 162	(b) 250, 150		
	(a) = × ÷	(b) ÷=×		(c) 225, 136	(d) 220, 130		
	(c) ×÷=	(d) ÷×=	Q.183	Y, S, W, V, ? , ? S, B, 0	Q, E		
Q.175	45×5-20=2			(a) U,V	(b) U, Y		
	(a) ×-=	(b) -×=		(c) S, E	(d) Y, T		
	(c) -=×	(d) HAPING YO	UR Direct	CAREER ion : (Q 184 to 187) In t	he following questions,		
Q.176	2= 12×4÷6			there are five boys A,	B, C, D, and E. A is		
	(a) ×÷=	(b) =÷×		bigger than C, D is sr	naller then B,C is bigger		
1	(c) ÷ x =	(d) ÷=x		alternative given belo	w and indicate vour		
Q.177	5= 4×1-8			correct response.	, i i i i i i i i i i i i i i i i i i i		
	(a) =+-	(b) +-=	Q.184	Who is biggest in all?			
	(c) +=-	(d) -+=		(a) B	(b) C		
Q.178	8= 3+17×7	SHAPING YOU	R C/	(C) DER	(d) E		
.	(a) x=+	(b) ×+=	Q.185	Who is smallest in all?			
	(c) +x=	(d) +=×		(a) A	(b) B		
Directi	on : (Q 179 to 183)	Following questions are		(c) C	(d) D		
	based on number/ le	etter series one/two terms	Q.186	Who is smaller than C	but bigger than D?		
	guestion mark(?). F	ind out the missing term		(a) E	(b) D		
	out of the four alter	rnatives given below and		(c) C	(d) B		
	indicate its correct a	alternative letter.	Q.187	Who is bigger than C b	out smaller than E ?		
Q.179	31, 25, 34, 21, 37, 17	, 40, 13, ?, ?		(a) A	(b) B		
	(a) 45, 12	(b) 42, 15		(c) C	(d) D		
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Direction : (Q 188 to 191) There are three circles in Q.193				How many squares in figure B?		
the following questions. First circle				(a) 12	(b) 13	
indicates the area of wheat, second for rice				(c) 14	(d) 15	
correct alternative and indicate your correct			Q.194	How many parallelogram in figure C?		
sequence.				(a) 13	(b) 14	
Circle-1 Wheat A E B Circle-2 Rice				(a) 15 (c) 15	(d) 16	
			0.405			
			Q.195			
0 188	The area indicates or	alv gram-		(a) 13	(b) 14	
Q. 100				(c) 15	(d) 16 TM	
	(a) A	(D) B	Directi	Direction : In the following question there are five		
	(c) D	(d) C		teachers A, B, C, D	and E teach as follow:	
Q.189	The are indicates grain	are indicates gram and rice both-		(i) A and B teach H	listory civics and	
	(a) A	(b) G				
	(c) B	(d) DAPING YO	UR	(II) C and B teach C and Economics sub	beography , Mathematics	
Q.190	The area of wheat and rice both indicates-			(iii) D and A teach Economics. History and		
	(a) D	(b) A		Civics subject		
	(c) E	(d) F		(iv) E and D teach	History, Geography and	
Q.191	Q.191 The area of wheat, gram and rice indicates –			Economics subject.		
	(a) E	(b) C		Choose correct alte	ernative from given below	
	(c) D	(d) A		alternative.		
Direction : (Q.192 to 195) Figure A. B and C are given						
below study them and answer the questions				(a) History	(b) Geography	
	based on them indi	cate the correct		(c) Civics	(d) Economics	
alternative letter.			Q.197	Who teaches all the	subject?	
				(a) A	(b) B	
	\times	\mathbb{N}		(a) / ((d) D	
		$\Sigma \ \overline{\langle \Lambda \Lambda \rangle}$	0 400			
Fig	ure A Figure	B Figure C	Q.198	Which subject is not	teach by D?	
Q. 192 How may triangles in figure A?				(a) Geography	(b) Civics	
	(a) 13	(b) 14		(c) Economics	(d) Mathematics	
	(c) 15	(d) 16	Q.199	Which subject is not	teach by A?	
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