

PART-A

1. The price of petrol increases by 25%. By what percentage must a customer reduce

	the consumption so that the earlier bill on the petrol does not alter?					
	A) 20%	B) 25%	C) 30%	D) 33.33%		
2.	Which is the number that comes next in the following sequence?					
	2, 6, 12, 20, 30, 42, 5	66,				
	A) 60	B) 64	C) 72	D) 70		
3.	Four pipes can fill a reservoir in 15, 20, 30 and 60 hours respectively. The first one was opened at 6 AM, second at 7 AM, third at 8 AM and the fourth at 9 AM. When will the reservoir be filled?					
	A) 11 AM	B) 1 PM	C) 1:30 PM	D) 12 Noon		
4.	4. The sum of the ages of two persons A and B is 50. Five years ago, the ration of their ages was 5/3. The present ages of A and B are					
	A) 40, 10	B) 38, 12	C) 35, 15	D) 30, 20		
5.	5. Synonym of PRECIPITATE is					
	A) Hasten	B) Advance	C) Arrive	D) Instigate		
6.	6. Antonym of HAMPERED is					
	A) Prompted	B) Relieved	C) Facilitated	D) Instigated		
7.	Synonym of ALLEVIATE is					
	A) Eradicate	B) Remove	C) Understand	D) Lessen		
8.	8. Antonym of SPURIOUS is					
	A) Fresh	B) Genuine	C) Modern	D) Specific		
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PART-B

26.	Monazite placer mineral is composed of				
	A) TiO ₂	B) U-ThPO ₄			
	C) CaPO ₄	D) MnO ₂			
27.	The Himalayan Mountain is a good example of which type of plate boundary ?				
	A) Convergent	B) Divergent			
	C) Transform	D) Convergent and Transform			
28.	What distinguishes the earth's inner core from its outer core ?				
	A) Inner core is rock and outer core is iron-nickel				
	B) Inner core is iron-nickel and outer core is rock				
	C) Inner core is solid and outer core is liquid				
	D) Inner core is liquid and outer core is solid				
29.	When the full potential of physical, chemical and biological factors, a species can				
	use if there is no competition, it is called				
	A) Fundamental niche	B) Ecological niche			
	C) Realized niche	D) Competitive exclusion			
30.	Geostrophic wind occurs when pressure gradient force balances				
	A) Frictional force	B) Coriolis force			
	C) Centripetal force	D) Coriolis and frictional force together	•		
31.	The uppermost zone of atmosphere of the earth, where shortwave ultraviolet radiations are absorbed, is				
	A) Troposphere	B) Stratosphere			
	C) Mesosphere	D) Thermosphere			
32.	The tendency of biological systems to resist change and to remain in a state of equilibrium is called				
	A) Feedback mechanism	B) Ecological efficiency			
	C) Homeostasis	D) Carrying capacity			
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