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## The boundary between Earth's crust and mantle is:

<b>MODEL QUESTIONS</b>	<b>13.</b> Which one of the following statements with regard to the		<ul><li>3) Sea cave</li><li>4) Glacial Moraine</li></ul>	<ul><li>3) Topography</li><li>4) Pressure systems</li></ul>
<b>1.</b> Advanced sunrise and delayed sunset found in the sky are due to	winter solstice is correct? 1) It occurs on June 21	GENERAL	<b>32.</b> Which one among the following plains is associated with Lime-	<b>44.</b> The atmospheric layer which reflects radio waves is known as:
the phenomenon of:	2) The sun is at Aphelion	CTUDIEC	*	
1) Scattering of sunlight	3) The South Pole experiences	STUDIES	stone Topography? 1) Alluvial plain	1) Thermosphere
	24 hours of darkness	Special	· · ·	2) Exosphere
<ul><li>2) Refraction of sunlight</li><li>2) Diffraction of surlight</li></ul>		INDIAN GEOGRAPHY	2) Bajada plain 2) Karat plain (1) Dana plain	3) Stratosphere
3) Diffraction of sunlight	4) The North Pole experiences		3) Karst plain 4) Pene plain	4) Ionosphere
4) Total internal reflection	24 hours of darkness	useful for	<b>33.</b> Sedimentary rocks are also called	45. Headquarters of the World
2. Name the planet that has a moon	14. Even after sunset the air near the	UPSC, SSC, Groups,	as:	meteorological Organization is
called "Ganymede"?	Earth's surface continue to	RRB Jobs	1) Intrusive 2) Extrusive	located in:
1) Venus2) Jupiter	receive heat due to:		3) Plutonic 4) Dyke rocks	1) Geneva 2) Washington
3) Mars 4) Saturn	1) Terrestrial Radiation		<b>34.</b> The term "Doab" means:	3) London 4) Moscow
B. Between which of the following	2) Insolation 3) Conduction		1) A land between two mountains	<b>46.</b> Which of the following
two planets are the asteroids	4) Convection		2) A land between two rivers	instruments is used to measure
found?	<b>15.</b> Which one among the following	Crust	3) A land between two lakes	humidity of atmosphere?
1) Saturn and Uranus	is not a minor plate?	Mantle	4) A land between two seas	1) Barometer 2) Anemometer
2) Jupiter and Saturn	1) Antarctica 2) Philippines	Outer Core	<b>35.</b> How much of the Earth surface is	3) Thermometer
3) Mars and Jupiter	3) Nazca 4) Arabia	Inner Core	covered with water?	4) Hygrometer
4) Earth and Mars	<b>16.</b> Which of the following elements	Inner Core	1) About 1/4 2) About 1/2	47. The instrument used for meas-
I. The scientist who discovered that	are found in highest and lowest		3) About 3/4 4) About 2/3	uring air pressure is called:
the earth revolves round the sun	quantities respectively in the		<b>36.</b> Which one of the following	1) Hygrometer
was:	crust of the earth?		ocean circulations is created by	2) Anemometer
1) Newton 2) Copernicus	1) Oxygen and Silicon		the strong gravitational pull	3) Barometer 4) Thermometer
3) Dalton 4) Einstein	2) Calcium and Sodium	24. The point on the Earth surface	exerted by the Sun and the Moon	<b>48.</b> 'Norwesters' are thunderstorms
5. The shortest day length that	3) Sodium and Magnesium	directly above the origin of an	5	which are prominent in:
occurs in the Northern hemi-	4) Oxygen and Magnesium	earthquake is known as:	1) Tides 2) Waves	1) India and Bangladesh
sphere is on:	17. The boundary between Earth's	1) Prime Centre	3) Ocean currents	2) Bhutan and Nepal
1) 21 <sup>st</sup> March	crust and mantle is:	2) Hypo Centre	4) Waves	3) India and Bhutan
				,
2) 23 <sup>rd</sup> September	1) Mohorovicic discontinuity	3) Epicentre 4) Medi Centre	<b>37.</b> Which of the following are cold	
3) 22 <sup>nd</sup> November	2) Lehman discontinuity	25. Which of the following active		<b>49.</b> What is the name of mid latitude
4) 22 <sup>nd</sup> December	3) Conrad discontinuity	volcanoes is known as 'the light		grassland in South America?
6. Which one of the following	4) Gutenberg discontinuity	house of the Mediterranean Sea'?	2. Brazil current	1) Prairie 2) Velds
planets takes least time to	18. In the structure of planet Earth,	1) Stromboli 2) Ema	3. Oyashio current	3) Pampas 4) Steppes
complete one rotation on its axis?	below the mantle, the core is	3) Volcano 4) Vesuvius	4. Canary current	<b>50.</b> The National River Conservation
1) Mercury 2) Earth	mainly made up of which one of		Select the correct answer from	Directorate functions under
3) Jupiter 4) Neptune	the following?	1) Rivers 2) Earthquakes	the codes given below:	which ministry?
7. Which one of the following	1) Iron 2) Chromium	3) Volcanoes 4) Mountains	1) 1 and 2 2) 2 and 3	1) Agriculture Ministry
planets does not have a satellite?	3) Aluminium 4) Silicon	27. Which of the following are not	3) 1, 3 and 4 4) 2, 3 and 4	2) Environment and Forests
1) Mars 2) Earth	<b>19.</b> What are the main mineral	earthquake waves?	<b>38.</b> Which of the following Seas has	Ministry
3) Jupiter 4) Mercury	constituents of crust on the	1) Longitudinal waves	highest salinity in the world?	3) Science and Technology Mini-
8. In the Sun, heat and light are	continental masses?	2) Surface waves	1) Mediterranean Sea	stry
produced by:	1) Silica and Magnesium	3) Transverse waves	2) Black Sea 3) Dead Sea	4) Water Resources Ministry
1) Biological reactions	2) Silica and Alumina	4) Harbour waves	4) Red Sea	<b>51.</b> 'Humus' is found in which one of
2) Chemical reactions	3) Magnesium and Alumina	<b>28.</b> Match the following:	<b>39.</b> Spring tides occur on:	the following layers of the soil
3) Nuclear reactions	4) Nickel and Iron	List I (Continent)	1) New moon day only	profile?
4) Ionic reactions	<b>20.</b> For every one degree of	A. Asia	2) Full moon day only	1) Top soil 2) Parent rock
<b>0.</b> "Ceres, Haumea, Makemake and	longitude the local time changes	B. Africa	3) Full moon day as well as on	3) Weathered rock
Eris" are the names of:	by:	C. North America	new moon day	4) Sub-soil
1) Comets observed from earth	1) 2 minutes 2) 1 minutes	D. South America	4) None of the above	<b>52.</b> Which of the following
2) Dwarf planets of our solar	3) 6 minutes 4) 4 minutes	List II (Desert)	<b>40.</b> The 'EL Nino' phenomena which	landforms is largely rich in
system	<b>21.</b> 49 <sup>th</sup> parallel is the boundary line	1. Atacama	sparks climatic extreme around	mineral deposits?
3) Neighbouring galaxies	between which two countries?	2. Mojave	the globe, originates in the:	1) Valley 2) Mountain
4) None of the above	1) USA and Canada	3. Kalahari	1) Indian Ocean	3) Plain 4) Plateau
<b>0.</b> The constellation 'Sapta Rishi' is	2) North and South Vietnam	4. Gobi	2) Sea of China	, , ,
known to Westerners as the:	3) Germany and France	1) A - 4, B - 2, C - 3, D - 1	3) Atlantic Ocean	KEY
1) Seven Monks	4) Brazil and Chile	2) A - 1, B - 3, C - 2, D - 4	4) Pacific Ocean	
2) Alpha Centauri	22. The arrangement of planets with		<b>41.</b> Ozone layer depletion is a major	1) 1 2) 2 3) 3 4) 2 5) 4
3) Big Dipper	smallest on either ends and big		phenomenon in:	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
4) Small Bear	planet in the middle, supports		1) Troposphere	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
<b>1.</b> The term 'Higgs Boson' is	which one of the following	largest hot desert of the World?	2) Stratosphere	16) 4 17) 1 18) 1 19) 2 20) 4
associated with:	e	C C		
	theories of the origin of the solar	1) Kalahari desert 2) Thar Desert	3) Thermosphere	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
1) Oncology 2) Nano Technology	system?	2) Thar Desert	4) Exosphere	26) 2 27) 4 28) 3 29) 3 30) 1   31) 2 32) 3 33) 2 34) 2 35) 3
2) Nano Technology 2) Cod Particle	1) Big Bang Theory 2) Binary star Theory	3) Sahara Desert	<b>42.</b> The layer of atmosphere close to	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
3) God Particle	2) Binary star Theory	4) Atacama Desert	the earth's surface is called:	36) 3 37) 3 38) 3 39) 3 40) 4   41) 2 42) 4 42) 1 44) 4 45) 1
4) Stem Cell Research	3) Cepheid Theory	<b>30.</b> Which of the following deserts is		41) 2 42) 4 43) 1 44) 4 45) 1
2. The large collection of stars, dust	4) Tidal Hypothesis	rich in gold reserves?	2) Stratosphere	46) 4 47) 3 48) 1 49) 3 50) 2
and gas held together by	23. Volcanic ring of fire relates to	1) Atacama 2) Arabian	3) Exosphere 4) Troposphere	51) 1 52) 4
gravitational attraction between	which ocean?	3) Thar 4) Mongolian	<b>43.</b> Which of the following is	
components is known as:	1) Indian Ocean	31. In which of the following land-	probably the most important	
1) Galaxy 2) Cluster	2) Pacific Ocean	forms are 'Mushroom Rocks'	element of climate:	Prepared by:
3) Sun Family	3) Atlantic Ocean	found?	1) Solar radiation	N.D. Nagesh, Subject Expert.
4) Atmosphere	4) Arctic Ring	1) Delta 2) Desert	2) Ocean currents	6

