

Subject Code	Q Id	Questions	Answer Key
609	1351	<p>Topaz is a mineral characteristic of</p> <p>(A) Per-Aluminous Rocks</p> <p>(B) Meta-Aluminous Rocks</p> <p>(C) Sub-Aluminous Rocks</p> <p>(D) Per-Alkaline Rocks</p>	(A)
609	1352	<p>Deep focus earthquakes are usually associated with</p> <p>(A) Mid Oceanic Ridge</p> <p>(B) Benioff Zones</p> <p>(C) Transform faults</p> <p>(D) Continent-Continent boundary</p>	(B)
609	1353	<p>Emery is a product of alteration of</p> <p>(A) Emerald</p> <p>(B) Epidote</p> <p>(C) Bauxite</p> <p>(D) Barite</p>	(C)
609	1354	<p>The Planispirally coiled gastropod is</p> <p>(A) Turritella</p> <p>(B) Turritites</p> <p>(C) Belemnites</p> <p>(D) Bellerophon</p>	(D)
609	1355	<p>Which mineral group has the Si: O is 4:11?</p> <p>(A) Amphibole</p> <p>(B) Olivine</p> <p>(C) Pyroxene</p> <p>(D) Mica</p>	(A)
609	1356	<p>The angle subtended between fault plane and verticality is designated as</p> <p>(A) Plunge</p> <p>(B) Hade</p> <p>(C) Heave</p> <p>(D) Throw</p>	(B)
609	1357	<p>Fuel ratio of coal is the ratio between</p> <p>(A) Fixed carbon and Volatile content</p> <p>(B) Combustion heat and Carbon content</p> <p>(C) Water content and ash content</p>	(A)

		(D) Fixed Volatile and Carbon Content	
609	1358	Drop Stone is characteristic of (A) Karst Topography (B) Riverine Environment (C) Glaciated Regions (D) Desert Environment	(C)
609	1359	Basalt extruded in an aqueous environment is called (A) Spilite (B) Tholeiite (C) Basanite (D) Komatiite	(A)
609	1360	The law explaining the distance between Sun and the Planets of the Solar System (A) Bode's Law (B) Kepler's Law (C) Galileo's Law (D) Cosmic Law	(A)
609	1361	The unconformity existing between Amphibolite of Archaean Age and sandstone of Cretaceous age is called (A) A-Conformity (B) Eparchaeon Unconformity (C) Disconformity (D) C-PG Boundary	(C)
609	1362	Pick out the Oldest Shale from the following (A) Sirbu Shale (B) Jhiri Shale (C) Binota Shale (D) BijaigarhShale	(C)
609	1363	The line joining points of equal rainfall on a map is called (A) Isohyets (B) Isopach (C) Isograd (D) Isotherm	(A)
609	1364	Percussion Figure is characteristic of (A) Bornite (B) Bauxite (C) Biotite (D) Bytownite	(C)

609	1365	Spinifex texture indicates (A) High Magnesium Content of the rock (B) Sudden Quenching of Magma (C) High Water content of Magma (D) Crustal origin of the rock	(B)
609	1366	Which of the following mineral pairs is optically uniaxial? (A) Beryl and Sheelite (B) Chalcopyrite and Pyrite (C) Quartz and Olivine (D) Meonite and Axinite	(A)
609	1367	Isostasy refers to (A) Gravitational Equilibrium (B) Magnetic Equilibrium (C) Thermal Equilibrium (D) Seismic Equilibrium	(A)
609	1368	If both limbs in a fold get overturned in opposite directions, the resulting fold is (A) Recumbent Fold (B) Reclined Fold (C) Chevron Fold (D) Fan Fold	(D)
609	1369	Coesite is characteristic mineral of (A) Chlorite Facies (B) Amphibolite Facies (C) Zeolite Facies (D) Eclogite Facies	(D)
609	1370	Schizodont type of Dentition is specific of (A) Arca (B) Trigon Arca (C) Trigonina (D) Spondylus	(C)
609	1371	The Neogene period includes (A) Paleocene and Eocene (B) Paleocene, Eocene and Oligocene (C) Oligocene, Miocene and Pliocene (D) Miocene and Pliocene	(D)
609	1372	Seasonal Variations in sediments can be understood using (A) Tillite (B) Ripple marks	(D)

		(C) Montmorillite clay (D) Varved Clays	
609	1373	Tick the closed crystal form (A) Pinacoid (B) Prism (C) Pyramid (D) Pedian	(C)
609	1374	Nitrate deposit of chemical origin is called (A) Caliche (B) Guano (C) Travertine (D) Terra Rossa	(A)
609	1375	Transparent variety of Gypsum used to manufacture optical accessory is (A) Satin Spar (B) Alabaster (C) Selenite (D) Iceland Spar	(C)
609	1376	The stratigraphic system known for its abundant Ammonites (A) Permian (B) Triassic (C) Jurassic (D) Cretaceous	(B)
609	1377	Bivalved, equivalved and inequilateral is characteristic of (A) Brachiopods (B) Gastropods (C) Pelecypods (D) Cephalopods	(C)
609	1378	The melting temperature of pure Fayalite is (A) 1205 °C (B) 1118 °C (C) 1553 °C (D) 1889 °C	(A)
609	1379	The volcanic equivalent of Monzonite is (A) Phonolite (B) Latite (C) Tephrite (D) Dacite	(B)

609	1380	<p>World's largest Nickel Deposit is located in</p> <p>(A) Ontario Province of Canada</p> <p>(B) Bushveld Complex of South Africa</p> <p>(C) Malaya Peninsula in South-East Asia</p> <p>(D) Kiruna in Sweden</p>	(A)
609	1381	<p>Peridot is a gem variety of</p> <p>(A) Oligoclase</p> <p>(B) Opal</p> <p>(C) Olivine</p> <p>(D) Orpiment</p>	(C)
609	1382	<p>Linear Grooving developed on the faulted surface is called</p> <p>(A) Partings</p> <p>(B) Slickensides</p> <p>(C) Mylonites</p> <p>(D) Stylolite</p>	(B)
609	1383	<p>The Swallow tail twinning is specific of</p> <p>(A) Staurolite</p> <p>(B) Rutile</p> <p>(C) Gypsum</p> <p>(D) Microcline</p>	(C)
609	1384	<p>What is the Birefringence of a mineral with: $\alpha= 1.156$, $\beta= 1.234$, $\gamma=1.326$?</p> <p>(A) 0.078</p> <p>(B) 0.092</p> <p>(C) 0.170</p> <p>(D) 2.482</p>	(C)
609	1385	<p>The power of capturing the electron by an element is called</p> <p>(A) Valence</p> <p>(B) Oxidation Potential</p> <p>(C) Ionization Potential</p> <p>(D) Electro Negativity</p>	(D)
609	1386	<p>A band of extinction in an interference figure under the Microscope is</p> <p>(A) Isochrome</p> <p>(B) Isogyre</p> <p>(C) Isograd</p> <p>(D) Isopach</p>	(B)
609	1387	<p>Pick out the Cyclosilicate</p> <p>(A) Stilbite</p>	(D)

		(B) Talc (C) Muscovite (D) Tourmaline	
609	1388	Mappable assemblages of strata are called (A) Time units (B) Time-rock units (C) Rock units (D) None of the above	(C)
609	1389	The discontinuity found between Upper Mantle and Lower mantle is called (A) Guttenberg discontinuity (B) Lehmann discontinuity (C) Repetti discontinuity (D) Conrad discontinuity	(C)
609	1390	The line of maximum depth of water in a River is called (A) Thalweg (B) Base level of erosion (C) Water Table (D) Levees	(A)
609	1391	The flat topped mountain formed by river erosion (A) Plateau (B) Mesa (C) Escarpment (D) Cuesta	(B)
609	1392	In Mohs' Scale of hardness, which mineral has orthorhombic symmetry? (A) Talc (B) Fluorite (C) Topaz (D) Corundum	(C)
609	1393	The planet without any Natural Moon is (A) Venus (B) Saturn (C) Uranus (D) Neptune	(A)
609	1394	The mineral which has a set of cleavage angles 87° and 93° is (A) Albite (B) Alabite (C) Augite (D) Agate	(C)

609	1395	<p>The specific gravity of petroleum is close to</p> <p>(A) 0.07</p> <p>(B) 0.7</p> <p>(C) 1.7</p> <p>(D) 10.7</p>	(B)
609	1396	<p>The sulphide mineral associated with Lignite Deposits</p> <p>(A) Pyrite</p> <p>(B) Arsenopyrite</p> <p>(C) Marcasite</p> <p>(D) Chalcopyrite</p>	(C)
609	1397	<p>The hydrothermal deposit with lowest temperature of formation is</p> <p>(A) Epithermal</p> <p>(B) Mesothermal</p> <p>(C) Hypothermal</p> <p>(D) Telethermal</p>	(D)
609	1398	<p>The slow mass movement involving water-saturated soil that takes place in Polar region is</p> <p>(A) Avalanche</p> <p>(B) Solifluction</p> <p>(C) Creep</p> <p>(D) Landslide</p>	(B)
609	1399	<p>Instrument used to measure the Hardness of minerals is</p> <p>(A) Pyrometer</p> <p>(B) Pedometer</p> <p>(C) Sclerometer</p> <p>(D) Goniometer</p>	(C)
609	1400	<p>The crystal system having a class of 222 is found in</p> <p>(A) Isometric</p> <p>(B) Orthorhombic</p> <p>(C) Monoclinic</p> <p>(D) Tetragonal</p>	(B)
609	1401	<p>Raniganj collieries belong to</p> <p>(A) Talchir series</p> <p>(B) Damuda series</p> <p>(C) Panchet series</p> <p>(D) Mahadeva series</p>	(B)
609	1402	<p>A gastropod with sinistral coiling is</p> <p>(A) Murex</p>	(D)

		<p>(B) Natica</p> <p>(C) Turritella</p> <p>(D) Physa</p>	
609	1403	<p>Elements that are having geochemical affinity towards sulphur called</p> <p>(A) Siderophile</p> <p>(B) Chalcophile</p> <p>(C) Lithophile</p> <p>(D) Atmophile</p>	(B)
609	1404	<p>Atomic bonding exhibited by the hardest mineral in Mohs' scale is</p> <p>(A) Metallic</p> <p>(B) Covalent</p> <p>(C) Ionic</p> <p>(D) Hydrogen Bonding</p>	(B)
609	1405	<p>Which of the following mineral is devoid of Lithium?</p> <p>(A) Spodumene</p> <p>(B) Lepidolite</p> <p>(C) Amblygonite</p> <p>(D) Vermiculite</p>	(D)
609	1406	<p>The isolated block of the Nappe overlying autochthonous material is called</p> <p>(A) Fenester</p> <p>(B) Klippe</p> <p>(C) Outlier</p> <p>(D) Inlier</p>	(B)
609	1407	<p>The summation of Specific Yield and Specific Retention is</p> <p>(A) Permeability</p> <p>(B) Porosity</p> <p>(C) Transmissivity</p> <p>(D) Specific Gravity</p>	(B)
609	1408	<p>Hypersthene bearing gabbroic rock is called</p> <p>(A) Charnockite</p> <p>(B) Meta Gabbro</p> <p>(C) Norite</p> <p>(D) Dolerite</p>	(C)
609	1409	<p>A sulphide ore mineral that can melt even in match-stick temperature is</p> <p>(A) Molybdenite</p> <p>(B) Galena</p> <p>(C) Cinnabar</p>	(D)

		(D) Stibnite	
609	1410	The river tracing the present slope of a ground is called (A) Consequent (B) Resequent (C) Subsequent (D) Obsequent	(A)
609	1411	The Survey of India's topo-sheet with a scale 1: 25,000 cover a ground area of (A) 729 Sq.Km (B) 11,664 Sq.Km (C) 182.25 Sq.Km (D) 27 Sq.Km	(C)
609	1412	The sand ridge connecting Mainland with Island (A) Tombolo (B) Spit (C) Groins (D) Atoll	(A)
609	1413	The intergrowth texture formed between quartz and plagioclase is (A) Rapakivi (B) Orbicular (C) Myrmekitic (D) Perthitic	(C)
609	1414	Feldspathic sandstone is called (A) Graywake (B) Grit (C) Arkose (D) Siltstone	(C)
609	1415	The egg laying type of Mammals living at present is called (A) Monotremes (B) Marsupials (C) Placentals (D) Synapsids	(A)
609	1416	The forms in which faces of right and left developments having similar relation to the body axis but are not interchangeable (A) Holohedral (B) Hemihedral (C) Hemimorphic (D) Enantiomorphic	(D)

609	1417	Pick out the correct Miller Indices for a crystal form with parameters $1a:2b:c$ (A) (214) (B) (421) (C) (412) (D) (124)	(A)
609	1418	The part of crystal form where three adjacent faces meet is called (A) Extinction angle (B) Re-entrant angle (C) Solid angle (D) Interfacial angle	(C)
609	1419	Hexagonal system has number of crystal classes (A) Three (B) Five (C) Seven (D) Twelve	(D)
609	1420	Which of the given mineral is a product of reaction between siliceous magmatic fluid and Limestone? (A) Anorthite (B) Wollastonite (C) Calcite (D) Dolomite	(B)
609	1421	The mantle rock found in subduction zone is (A) Eclogite (B) Picrite (C) Komatiite (D) Thoeiliite	(A)
609	1422	The fossilized animal excreta (A) Coprolite (B) Guano (C) Chondrite (D) Coccolith	(A)
609	1423	Age of the Warkalli Beds (A) Phanerozoic (B) Mesozoic (C) Cenozoic (D) Proterozoic	(C)
609	1424	Which of the following oil fields is not located in Assam? (A) Digboi (B) Naharkatiya	(C)

		(C) Ankleshwar (D) Moran	
609	1425	Which of the following is foid-bearing syenite? (A) Shonkinite (B) Shoshonite (C) Pulaskite (D) Nordmarkite	(C)
609	1426	A volcanic vent filled with breccia by the explosive gases is called (A) Diatrema (B) Diatom (C) Diastem (D) Diabase	(A)
609	1427	Which of the following is not a variety of Quartz? (A) Sard (B) Onyx (C) Carnelian (D) Bort	(D)
609	1428	The Gibb's Phase Rule is (A) $P+C=F+2$ (B) $P+C+F=2$ (C) $P=C+F+2$ (D) $P+F=C+2$	(D)
609	1429	Which of the following is not a concordant intrusive igneous form? (A) Laccolith (B) Lopolith (C) Phacolith (D) Batholith	(D)
609	1430	The EM spectrum with a range of 0.4 to 0.7 μ m is called (A) Radio Wave (B) Micro Wave (C) Visible Spectrum (D) X-Ray	(C)
609	1431	The pyroclastic emanation with Twisted Tail is called (A) Bomb (B) Lapilli (C) Cinder (D) Ash	(A)

609	1432	The magnesium carbonatite is called (A) Sovite (B) Alvikite (C) Albitite (D) Beforsite	(D)
609	1433	The joint characteristically developed in Basaltic domain is (A) Mural Joint (B) Columnar Joint (C) Sheet Joint (D) Rift and Grains	(B)
609	1434	Brewster's Law states the phenomenon of plane polarization by (A) Refraction (B) Rotation (C) Absorption (D) Reflection	(D)
609	1435	The rocks belonging to Gondwanas are of (A) Fluvial origin (B) Lacustrine origin (C) Marine origin (D) Glacial origin	(A)
609	1436	Diamonds impregnated sporadically in Kimberlites represent (A) Early Magmatic Segregation (B) Early Magmatic Injection (C) Early Magmatic Dissemination (D) Early magmatic Assimilation	(C)
609	1437	Optically Calcite is (A) Uniaxial Positive (B) Uniaxial Negative (C) Biaxial Positive (D) Biaxial Negative	(B)
609	1438	Osmium Sanctum is an indicator plant for (A) Copper (B) Chromium (C) Cobalt (D) Gold	(A)
609	1439	In a biaxial mineral if acute bisectrix is superposed by slow vibration, it is optically (A) Isotropic	(B)

		(B) Positive (C) Negative (D) Opaque	
609	1440	Which of following shows first order red interference colour? (A) Quartz Wedge (B) Gypsum Plate (C) Berek Compensator (D) Bertrand Lens	(B)
609	1441	Which of the following represents the record of earliest life on Earth? (A) Azola (B) Trilobites (C) Stromatolites (D) Brachiopod	(C)
609	1442	The Mussorie group consists of (A) The Subathu-Dagshai-Kasauli succession (B) The Ranikot-Laki-Kirthar succession (C) The Blaini-Krol-Tal succession (D) The Madh-Berwali-Lakhpat succession	(C)
609	1443	Vermilion Red Streak is characteristic of (A) Realgar (B) Orpiment (C) Cinnabar (D) Hematite	(C)
609	1444	Saddle Reef structure produced by cavity filling is characteristic of (A) Nickel Deposits of Sudbury (B) Chromite Deposits of Bushveld Complex (C) Magnetite Deposits of Kiruna (D) Gold Deposits of Bendigo	(D)
609	1445	The first silicate to be formed from Magma is (A) Forsterite (B) Fayalite (C) Augite (D) Hornblende	(A)
609	1446	Under crossed nicols the mineral sillimanite shows (A) Straight Extinction (B) Wavy Extinction (C) Oblique Extinction (D) Isotropism	(A)

609	1447	<p>If Carbon Di-Oxide infuses into Mg rich Dunites, the mineral produced is</p> <p>(A) Manganite (B) Magnetite (C) Magnesite (D) Serpentine</p>	(C)
609	1448	<p>The unconsolidated sediments deposited at the foot-hill is named</p> <p>(A) Alluvium (B) Colluvium (C) Pediment (D) Eluvium</p>	(B)
609	1449	<p>The Ophitic texture consists of</p> <p>(A) Laths of augite enclosed in the crystals of plagioclase (B) Laths of plagioclase enclosed in the crystals of augite (C) Laths of orthoclase enclosed in the crystals of plagioclase (D) An intergrowth between plagioclase and orthoclase</p>	(B)
609	1450	<p>Which of the following Iron-ores has maximum Fe content?</p> <p>(A) Hematite (B) Magnetite (C) Siderite (D) Limonite</p>	(B)
609	1451	<p>The study of age of Trees by counting their rings is called</p> <p>(A) Palynology (B) Geochronology (C) Limnology (D) Dendrochronology</p>	(D)
609	1452	<p>The inaccessible earth's interior is called</p> <p>(A) Exosphere (B) Barysphere (C) Troposphere (D) Ionosphere</p>	(B)
609	1453	<p>What will be the distance between current electrodes in Wenner electrical method for probing a depth of 100 meters?</p> <p>(A) 50 meters (B) 100 meters (C) 200 meters (D) 300 meters</p>	(D)
609	1454	<p>In which part of the atmosphere most form of cloud is found to occur</p> <p>(A) Stratosphere</p>	(D)

		(B) Ionosphere (C) Thermosphere (D) Troposphere	
609	1455	The depth of ocean can be measured using (A) Echo-Sounder (B) Air Gun (C) Aqua Pulse (D) Altimeter	(A)
609	1456	Which of the following first appeared at 438 MY? (A) Terrestrial Plants (B) Reptiles (C) Mammals (D) Flowering Plants	(A)
609	1457	Pick out the Ostracoda (A) Textularia (B) Cytherella (C) Operculina (D) Triloculina	(B)
609	1458	Which of the following Isotope has the maximum period of Half-Life years? (A) ^{238}U (B) ^{235}U (C) ^{232}Th (D) ^{40}K	(C)
609	1459	The absolute Gravity Value at the Pole of the Earth is (A) Zero (B) 6.67×10^{18} (C) 978 Gals (D) 983 Gals	(D)
609	1460	The warm Ocean-water that moves westward from west coast of Peru is called (A) La Nina (B) El Nino (C) Albedo (D) Isentropic Flow	(B)
609	1461	Process of excessive Plant Growth in water due to increase in chemical nutrients (A) Elutriation (B) Eutectism (C) Eutrophication	(C)

		(D) Enumeration	
609	1462	<p>What is the percentage of water on the Earth's surface held by lakes?</p> <p>(A) 0.01%</p> <p>(B) 0.001%</p> <p>(C) 0.0001%</p> <p>(D) 0.00004%</p>	(A)
609	1463	<p>Which of the following is called "Dirty Snow Ball"?</p> <p>(A) Comet</p> <p>(B) Asteroid</p> <p>(C) Meteorite</p> <p>(D) Cosmic Dust</p>	(A)
609	1464	<p>The region where evapotranspiration exceeds rainfall is called</p> <p>(A) Desert</p> <p>(B) Rain Forest</p> <p>(C) Swamp</p> <p>(D) Permafrost</p>	(A)
609	1465	<p>In which tone would vegetation appear in an infrared</p> <p>(A) Bright</p> <p>(B) Dark</p> <p>(C) Dull</p> <p>(D) Faint</p>	(A)
609	1466	<p>The pebble with oil-like coat found in Arid Climate is</p> <p>(A) Ventifact</p> <p>(B) Sand Crystal</p> <p>(C) Desert Wornish</p> <p>(D) Terra Rossa</p>	(C)
609	1467	<p>At what temperature E-M radiation is continuously emitted from an object?</p> <p>(A) 0°C</p> <p>(B) -100°C</p> <p>(C) -173°C</p> <p>(D) -273°C</p>	(D)
609	1468	<p>India's first Remote Sensing Satellite IRS-1A was launched in</p> <p>(A) 1972</p> <p>(B) 1980</p> <p>(C) 1988</p> <p>(D) 1994</p>	(C)
609	1469	Evaporation of water from plants is called	(B)

		<p>(A) Radiation</p> <p>(B) Transpiration</p> <p>(C) Evapotranspiration</p> <p>(D) Respiration</p>	
609	1470	<p>The Himalayan Orogeny ceased during</p> <p>(A) Palaeozoic</p> <p>(B) Phanerozoic</p> <p>(C) Mesozoic</p> <p>(D) Cenozoic</p>	(D)
609	1471	<p>Flat-topped seamount is called</p> <p>(A) Fjord</p> <p>(B) Mesa</p> <p>(C) Butte</p> <p>(D) Guyot</p>	(D)
609	1472	<p>The environment between the highest and the lowest levels of spring tides is described as</p> <p>(A) Littoral environment</p> <p>(B) Neritic environment</p> <p>(C) Continental shelf</p> <p>(D) Bathyal environment</p>	(A)
609	1473	<p>'C' band in Microwave part of electromagnetic Spectrum has a Wavelength range of</p> <p>(A) 3.75 to 7.5 μm</p> <p>(B) 3.75 to 7.5 mm</p> <p>(C) 3.75 to 7.5 cm</p> <p>(D) 3.75 to 7.5 m</p>	(C)
609	1474	<p>Widely employed geophysical method for Oil exploration is</p> <p>(A) Seismic Reflection</p> <p>(B) Seismic Refraction</p> <p>(C) Gravity</p> <p>(D) E-M Survey</p>	(A)
609	1475	<p>Which of the following cloud is designated as Vertical Cloud?</p> <p>(A) Cirrocumulus</p> <p>(B) Altocumulus</p> <p>(C) Stratocumulus</p> <p>(D) Pyrocumulus</p>	(D)
609	1476	<p>Pick out the oldest species in the History of Man</p> <p>(A) Australopithecus africanus</p> <p>(B) Ardipithecus ramidus</p>	(B)

		(C) Homo sapiens (D) Homo erectus	
609	1477	Torsion Balance is a device employed in (A) Magnetic Prospecting (B) Seismic Exploration (C) Gravity Survey (D) Aerial Photography	(C)
609	1478	Which of the following Greenstone Belts belong to Asia? (A) Abitibi Belt (B) Jack Hills Belt (C) Taishan Belt (D) Barberton Belt	(C)
609	1479	Turbidites are characteristically formed at (A) Riverine Environment (B) Volcanic Domain (C) Glaciated Regions (D) Ocean Ambience	(D)
609	1480	Which of the following element's radioactivity is used for Fission-Track dating? (A) Strontium (B) Neodymium (C) Uranium (D) Thorium	(C)
609	1481	Which of the following Litho-stratigraphic Unit is in the top of Hierarchy? (A) Member (B) Group (C) Formation (D) Bed	(B)
609	1482	Pick out the rock which is widely occurring in Kerala (A) Gondite (B) Kodurite (C) Khondalite (D) Chondrite	(C)
609	1483	The measure of internal resistance of a liquid body to flow is called (A) Permeability (B) photonic Conduction (C) Phonic conduction (D) Viscosity	(D)

609	1484	Physical resistance of a Mineral to abrasion is called its (A) Tenacity (B) Hardness (C) Micro-Hardness (D) Cleavage	(B)
609	1485	Silica polymorphs do not crystallize in which of the following systems? (A) Isometric (B) Monoclinic (C) Triclinic (D) Tetragonal	(C)
609	1486	Polje is a feature of landform developed in which Topography? (A) Arid (B) Fluvial (C) Karst (D) Glacial	(C)
609	1487	Which of the following Seismic Waves travel only through Solids? (A) S-Waves (B) P- Waves (C) L-Waves (D) R-Waves	(A)
609	1488	Among the properties listed, which one is incorrect for Fluorite (A) Hardness-4 (B) Octahedral Cleavages (C) Twinkling (D) Twinning	(C)
609	1489	Pick out the gem variety of Tourmaline (A) Albite (B) Alvikite (C) Alabite (D) Adinole	(C)
609	1490	Tick the Dichroic mineral (A) Hypersthene (B) Biotite (C) Tourmaline (D) Garnet	(C)
609	1491	Which of the following mineral has regularly oriented inclusions? (A) Leucite (B) Forsterite	(A)

		(C) Halite (D) Cordierite	
609	1492	The rock that has no association with Diamond (A) Conglomerate (B) Lamproite (C) Komatiite (D) Kimberlite	(C)
609	1493	Mineral that possesses incongruent melting habit (A) Emerald (B) Epidote (C) Enstatite (D) Epsomite	(C)
609	1494	Which of the following is free of Calcic- Plagioclase? (A) Enderbite (B) Anorthosite (C) Larvikite (D) Adamellite	(D)
609	1495	Ice forms more easily in (A) High salinity and Deep water (B) High salinity and Shallow water (C) Low salinity and Deep water (D) Low salinity and Shallow water	(D)
609	1496	The density of upper mantle is (A) 2.7 g/cm ³ (B) 3.0 g/cm ³ (C) 3.4 g/cm ³ (D) 4.4 g/cm ³	(C)
609	1497	The silicon percentage by weight on the earth's crust is (A) 27.72 % (B) 46.6 % (C) 6.14 % (D) 8.14 %	(A)
609	1498	The thickness of standard thin section used in petrological microscope is (A) 0.03 cm (B) 0.03 mm (C) 0.003 mm (D) 0.003 μm	(B)

609	1499	The ratio of total weight of Atmosphere to total weight of Hydrosphere of earth is (A) 1 : 3 (B) 1 : 30 (C) 1 : 300 (D) 1 : 3000	(C)
609	1500	In India, Ruby mica occurs in (A) Bihar (B) Andhra Pradesh (C) Rajasthan (D) Tamil Nadu	(A)