

GEOLOGY  
(FINAL)

1. Which of the following is the largest planet in the solar system?
  - (A) Jupiter
  - (B) Earth
  - (C) Venus
  - (D) Mercury
  
2. Which of the following is not a solid-solution pair?
  - (A) Albite – Anorthite
  - (B) Forsterite – Fayalite
  - (C) Enstatite – Diopside
  - (D) Orthoclase - Microcline
  
3. How old is the Earth?
  - (A) approximately 4.5 thousand years
  - (B) approximately 4.5 billion years
  - (C) approximately 4.5 million years
  - (D) approximately 4.5 trillion years
  
4. Age of St. Mary's Island volcanism is
  - (A) 58 Ma
  - (B) 68 Ma
  - (C) 78 Ma
  - (D) 88 Ma
  
5. Continental drift theory was proposed by
  - (A) Jolly
  - (B) Holmes
  - (C) Wegner
  - (D) Prat
  
6. James Hutton proposed the principle of
  - (A) uniformitarianism
  - (B) uniformity
  - (C) conformity
  - (D) universalism

7. Mica belongs to ..... silicate
- (A) Neso
  - (B) Soro
  - (C) Phyllo
  - (D) Ino
8. Which is the correct chronological order?
- (A) Permian – Proterozoic – Pliocene – Paleocene
  - (B) Proterozoic – Permian - Paleocene – Pliocene
  - (C) Paleocene – Proterozoic – Pliocene – Permian
  - (D) Proterozoic – Paleocene – Permian – Pliocene
9. Which of the following instruments is used to measure the interfacial angles in a crystal?
- (A) Contact goniometer
  - (B) Clinometer
  - (C) Thermometer
  - (D) Restively meter
10. The concept of cycle of erosion is proposed by
- (A) W.M. Davis
  - (B) L.C. King
  - (C) J Hutton
  - (D) A Wegner
11. Residual hill in the desert region is known as
- (A) Inlier
  - (B) Inselberg
  - (C) Playa
  - (D) Pediment
12. Which of the minerals has piezoelectric property?
- (A) Quartz
  - (B) Biotite
  - (C) Calcite
  - (D) Plagioclase

13. The theoretical surface that separates zones with different grades of metamorphism is called
- (A) Isogyre
  - (B) Isohyet
  - (C) Isograd
  - (D) Isopleth
14. The Mohorovicic discontinuity is the boundary between
- (A) mantle-core
  - (B) crust-mantle
  - (C) lithosphere-mantle
  - (D) inner core-outer core
15. The normal class of monoclinic system is .....type
- (A) Barite
  - (B) Beryl
  - (C) Gypsum
  - (D) Acmite
16. Read the following sentences carefully and choose the correct answer from the four options given below:
- (I) Mineral calcite crystallizes in rhombohedral class of hexagonal system
  - (II) There are three crystallographic axes present in the hexagonal system
- (A) Sentence (I) is correct and (II) is wrong
  - (B) Sentence (I) is wrong and (II) is correct
  - (C) Both Sentence (I) and (II) are correct
  - (D) Both Sentence (I) and (II) are wrong
17. Calcite and Aragonite are the
- (A) Isomorphs of  $\text{CaCO}_3$
  - (B) Polymorphs of  $\text{CaCO}_3$
  - (C) Isomorphs of  $\text{CaMg}(\text{CO}_3)_2$
  - (D) Polymorphs of  $\text{CaMg}(\text{CO}_3)_2$
18. Which of the following minerals has the highest hardness?
- (A) Calcite
  - (B) Orthoclase
  - (C) Quartz
  - (D) Talc

19. Which mineral is commonly referred to as 'fool's gold' ?
- (A) Galena
  - (B) Garnet
  - (C) Pyrite
  - (D) Hematite
20. Exfoliation is a form of
- (A) Chemical weathering
  - (B) Physical weathering
  - (C) Biochemical weathering
  - (D) Mass wasting
21. Si-O ratio in Quartz group of minerals is
- (A) 1:2
  - (B) 1:3
  - (C) 4:11
  - (D) 2:5
22. Which of the following minerals does not have  $\text{SiO}_4$  Tetrahedron?
- (A) Quartz
  - (B) Muscovite
  - (C) Halite
  - (D) Orthoclase
23. What is the hardness of fluorite?
- (A) 1
  - (B) 2
  - (C) 3
  - (D) 4
24. What is the geological age of *Cardita beaumonti*?
- (A) Upper Cretaceous to Lower Paleogene
  - (B) Upper Carboniferous to Triassic
  - (C) Lower Cretaceous to Middle Cretaceous
  - (D) Upper Jurassic to Lower Cretaceous

25. What is the average elevation of the Western Ghats?
- (A) 800 m
  - (B) 1200 m
  - (C) 1600 m
  - (D) 2000 m
26. Which of the following crystal system has three equal and interchangeable Crystallographic axes?
- (A) Hexagonal
  - (B) Isometric
  - (C) Tetragonal
  - (D) Triclinic
27. In a crystal system each form of normal class is called as
- (A) Holohedral form
  - (B) Hemihedral form
  - (C) Hemimorphic form
  - (D) Enantiomorphic form
28. How many diagonal two-fold axis of symmetry are present in the Isometric system?
- (A) 4
  - (B) 6
  - (C) 3
  - (D) 8
29. The amount of horizontal displacement in a fault is called
- (A) Throw
  - (B) Heave
  - (C) Tear
  - (D) Strike
30. Streak is
- (A) color of the mineral
  - (B) color of the powder of a mineral
  - (C) color of the rock
  - (D) pleochoric color of the mineral

31. Which of the following minerals shows adamantine lustre?
- (A) Quartz
  - (B) Diamond
  - (C) Clay
  - (D) Asbestos
32. Which of the following is a non-pleochroic mineral?
- (A) Hypersthene
  - (B) Biotite
  - (C) Garnet
  - (D) Hornblende
33. Which of the following feldspar exhibits play of colors?
- (A) Sanidine
  - (B) Labradorite
  - (C) Microcline
  - (D) Albite
34. Which of the following mineral is also called heavy spar?
- (A) Beryl
  - (B) Barite
  - (C) Bornite
  - (D) Bauxite
35. Chalcopyrite is an ore mineral of
- (A) Copper
  - (B) Zinc
  - (C) Lead
  - (D) Iron
36. Repetition of beds on a geological map may be due to
- (A) Folding
  - (B) Weathering
  - (C) Unconformity
  - (D) Disconformity

37. Which of the following has a cumulate origin?
- (A) Basalt
  - (B) Granite
  - (C) Anorthosite
  - (D) Gabbro
38. Marble is a metamorphic rock, derived from metamorphism of
- (A) Granite
  - (B) Limestone
  - (C) Sandstone
  - (D) Shale
39. Vesicular structures are commonly found in
- (A) Basalts
  - (B) Granites
  - (C) Pegmatites
  - (D) Lamprophyres
40. A mass of rock exposed at the Earth's surface is called
- (A) Crust
  - (B) Bedrock
  - (C) Outcrop
  - (D) Schorl Rock
41. From which country geological hydrogen was successfully extracted for the first time?
- (A) Australia
  - (B) Brazil
  - (C) Chili
  - (D) Mali
42. The smallest time division on the geologic time scale is a(n)
- (A) era
  - (B) epoch
  - (C) eon
  - (D) period

43. Eparchean unconformity separates the geological units of
- (A) Early Archaean to late Archaean
  - (B) Archaean to Proterozoic
  - (C) Proterozoic to Paleozoic
  - (D) Archaean to Phanerozoic
44. Which of the following flora belongs to lower Gondwana?
- (A) Glossopteris
  - (B) Cladophlebis
  - (C) Sphenopteris
  - (D) Ptilophyllum
45. The regional strike of Dharwar group of rocks is
- (A) N - S
  - (B) NW - SE
  - (C) E - W
  - (D) NNW - SSE
46. Which of the following are oldest group of rocks?
- (A) Dharwar Group
  - (B) Sargur Group
  - (C) Vindhyan Group
  - (D) Bhima Group
47. Hematite is an ore mineral of
- (A) Iron
  - (B) Manganese
  - (C) Chromite
  - (D) Copper
48. Bauxite deposits are of ..... origin
- (A) Hydrothermal
  - (B) Residual
  - (C) Early magmatic
  - (D) Late magmatic



49. The skeleton of an entire coral colony is described as
- (A) Corallum
  - (B) Columella
  - (C) Corallite
  - (D) Coralina
50. Angadipuram laterite, a notified national geo-heritage museum is in which of the following district of Kerala?
- (A) Malappuram
  - (B) Kannur
  - (C) Wayanad
  - (D) Palakkad
51. Gastropods exhibit
- (A) Bilateral symmetry
  - (B) Radial symmetry
  - (C) Biradial symmetry
  - (D) Asymmetry
52. Choose the odd one out
- (A) Pyrolusite
  - (B) Magnetite
  - (C) Hematite
  - (D) Goethite
53. Which of the following is an ore of lead?
- (A) Sphalerite
  - (B) Pyrite
  - (C) Galena
  - (D) Chalcopyrite
54. Wayanad district of Kerala is known for ..... deposit
- (A) Gold
  - (B) Iron
  - (C) Copper
  - (D) Bauxite

55. Bragg's law of X-ray diffraction is expressed as

- (A)  $RI = \frac{\sin i}{\sin r}$
- (B)  $n\lambda = 2d \sin \theta$
- (C)  $A = \pi r^2$
- (D)  $A = P \left( 1 + \frac{r}{n} \right)^{nt}$

56. Iceland spar is the transparent variety of

- (A) Calcite
- (B) Gypsum
- (C) Barite
- (D) Quartz

57. Choose the odd one out

- (A) Labradorite
- (B) Bytownite
- (C) Anorthite
- (D) Orthoclase

58. Which of the following is not a polymorph of  $\text{Al}_2\text{SiO}_5$ ?

- (A) Corundum
- (B) Andalusite
- (C) Kyanite
- (D) Sillimanite

59. Which of the following is orthoamphibole?

- (A) Anthophyllite
- (B) Hornblende
- (C) Tremolite
- (D) Actinolite

60. Read the following sentences carefully and choose the correct answer from the four options given below:
- (I) Mineral kyanite is usually blue in colour
  - (II) Three sets cleavages are present in mineral kyanite
- (A) (I) is correct and (II) is wrong
  - (B) (I) is wrong and (II) is correct
  - (C) Both (I) and (II) are correct
  - (D) Both (I) and (II) are wrong
61. Uniaxial minerals have ..... optic axes
- (A) Two
  - (B) Three
  - (C) One
  - (D) Four
62. Which of the following is a concordant intrusive body?
- (A) dyke
  - (B) batholith
  - (C) sill
  - (D) stock
63. Quartz is a diagnostic mineral of ..... rocks
- (A) Oversaturated
  - (B) Saturated
  - (C) Unsaturated
  - (D) Undersaturated
64. Limestone having fish egg sized, oval shaped grains is called as ..... limestone
- (A) Oolitic
  - (B) Pisolitic
  - (C) Shelly
  - (D) Stromatolitic
65. Which formation of Sausar group is more important for manganese ore?
- (A) Sitasaong formation
  - (B) Lohangi formation
  - (C) Mansar formation
  - (D) Chorbaoli formation

66. Sandur-Hospet sector of Karnataka is known for occurrence of ..... ore deposits
- (A) Iron-Manganese
  - (B) Gold-Silver
  - (C) Copper-Gold
  - (D) Lead-Zinc
67. Grade of the ore below which the mining is not profitable is called ..... grade
- (A) average
  - (B) cut-off
  - (C) mill
  - (D) run of mine
68. Which of the following minerals has two sets of good cleavage planes oriented at right angles to each other?
- (A) Amphibole
  - (B) Calcite
  - (C) Mica
  - (D) Pyroxene
69. Which of the following minerals shows adamantine lustre?
- (A) Quartz
  - (B) Diamond
  - (C) Clay
  - (D) Asbestos
70. Mica group of minerals exhibits
- (A) Parallel extinction
  - (B) Inclined extinction
  - (C) Symmetrical extinction
  - (D) Wavy extinction
71. The angle between two optic axes is called as
- (A) Extinction angle
  - (B) Optic axial angle
  - (C) Interfacial angle
  - (D) Angle of refraction

72. IUGS stands for
- (A) International Union of Geological Sciences
  - (B) Indian Union of Geological Sciences
  - (C) Indian United Geological Society
  - (D) International United Geological Society
73. The relationship between faces, edges and solid angles in a crystal form is expressed by
- (A) Prowen's formula
  - (B) Nicholas's formula
  - (C) Euler's formula
  - (D) Powell's formula
74. A disconformity is
- (A) an erosional surface between parallel layers of sedimentary rocks
  - (B) an erosional surface between igneous and sedimentary rocks
  - (C) a rock unit that does not contain fossils
  - (D) a rock unit that is different from the units above or below it
75. The percentage of mafic minerals in an igneous rock is called as
- (A) chemical index
  - (B) colour index
  - (C) mineral index
  - (D) rock index
76. Read the following sentences carefully and choose the correct answer from the four options given below:
- (I) Differentiation of magma is a magmatic evolution process
  - (II) It involves mixing of two magmas of diverse composition
- (A) (I) is correct and (II) is wrong
  - (B) (I) is wrong and (II) is correct
  - (C) Both (I) and (II) are correct
  - (D) Both (I) and (II) are wrong

77. The concept of metamorphic facies was proposed by
- (A) Winkler
  - (B) Niggli
  - (C) Eskola
  - (D) Tillay
78. New seafloor is created at a
- (A) deep-sea trench
  - (B) mid-ocean ridge
  - (C) subduction zone
  - (D) transform fault
79. How many cleavage/s plane/s do sheet silicates exhibit/s?
- (A) one
  - (B) two
  - (C) three
  - (D) four
80. Sphalerite is an ore mineral of
- (A) Copper
  - (B) Lead
  - (C) Zinc
  - (D) Silver
81. Which of the following is an orthopyroxene?
- (A) Diopside
  - (B) Augite
  - (C) Enstatite
  - (D) Hedenbergite
82. Which of the following mineral is isotropic under crossed polarizers?
- (A) Garnet
  - (B) Hypersthene
  - (C) Hornblende
  - (D) Biotite

83. Diorite is plutonic igneous rock, mineralogically comprises commonly of
- (A) Plagioclase + Clinopyroxene
  - (B) Plagioclase + Hornblende
  - (C) Plagioclase + Orthopyroxene
  - (D) Orthoclase + Orthopyroxene
84. Charnockite is a ..... metamorphic rock
- (A) high grade
  - (B) medium grade
  - (C) low grade
  - (D) very low grade
85. Which of the following is the diagnostic mineral of greenschist facies metamorphism?
- (A) Hornblende
  - (B) Hypersthene
  - (C) Chlorite
  - (D) Cordierite
86. Plagioclase exhibits ..... twining in thin section
- (A) polysynthetic
  - (B) penetration
  - (C) simple contact
  - (D) concentric
87. According to the principle of uniformitarianism
- (A) geologic processes we observe today have operated in the past
  - (B) geologic process in the past operated at the same rate as they do today
  - (C) all the planets formed from a uniform solar nebula
  - (D) early Earth was covered by a uniform magma ocean
88. What are the two most abundant elements in nebula (gas clouds) in the universe?
- (A) Nitrogen and oxygen
  - (B) Oxygen and silicon
  - (C) Hydrogen and helium
  - (D) Iron and nickel

89. The descent of oceanic lithosphere into the mantle is the process of
- (A) Accretion
  - (B) Subduction
  - (C) Divergence zone
  - (D) Contraction
90. Who is known as "Father of Geology"?
- (A) John Butler
  - (B) Art Smith
  - (C) James Hutton
  - (D) Alfred Wegner
91. Chemical composition of mineral corundum is
- (A)  $\text{Al}_2\text{O}_3$
  - (B)  $\text{Fe}_2\text{O}_3$
  - (C)  $\text{Cr}_2\text{O}_3$
  - (D)  $\text{SiO}_2$
92. The angle of inclination of rock bed with the respect of horizontal plane is known as
- (A) Strike
  - (B) Dip
  - (C) Bedding
  - (D) Heave
93. The fracture planes/shear planes along which there is relative movements of blocks is called as
- (A) Folds
  - (B) Joints
  - (C) Faults
  - (D) Intrusions
94. Which of the following is chemically formed sedimentary rock?
- (A) Sandstone
  - (B) Gypsum
  - (C) Breccia
  - (D) Shale



95. Asbestose shows ..... lustre
- (A) Silky
  - (B) Vitreous
  - (C) Adamantine
  - (D) Pearly
96. Which of the following is the discontinuity between the lower and outer core?
- (A) Mohorovicic discontinuity
  - (B) Gutenberg discontinuity
  - (C) Lehmann discontinuity
  - (D) Conard discontinuity
97. What is the age of Warkalli formation?
- (A) Paleogene
  - (B) Neogene
  - (C) Quaternary
  - (D) Mesozoic
98. The name of the large supercontinent which existed 200 million years ago when all the continents were together is
- (A) Pangea
  - (B) Andrea
  - (C) Indian
  - (D) Africa
99. Which of the following mineral is carbonate of Manganese?
- (A) Pyrolusite
  - (B) Siderite
  - (C) Rhodochrosite
  - (D) Malachite
100. Mushroom shaped structures having slender column and wide top resulting from the abrasive action of wind are known as
- (A) Ventifacts
  - (B) Brazil null
  - (C) Pedestal rocks
  - (D) Drass

101. A fold which is having younger beds in its core may be described as a/an

- (A) Anticline
- (B) Antiform
- (C) Monocline
- (D) Synform

102. Which of the following materials might be dated using Carbon-14?

- (A) granite
- (B) iron ore
- (C) sandstone
- (D) decayed wood

103. 'Homotaxial' geological formations are

- (A) Equivalent in lithology
- (B) Equivalent in age but situated wide apart
- (C) Different in age
- (D) Different in age and situated at same place

104. Quartzite is a metamorphic derivative of

- (A) Limestone
- (B) Granite
- (C) Sandstone
- (D) Shale

105. Identify the correct sequence for the rank of coal from lowest to highest?

- (A) Bituminous - anthracite - lignite - peat
- (B) Peat - lignite - bituminous - anthracite
- (C) Peat - lignite - anthracite - bituminous
- (D) Anthracite - bituminous - lignite - peat

106. The hydrolysis of orthoclase results in the formation of

- (A) shale
- (B) kaolin
- (C) lime
- (D) hydrochloric acid

107. Which of the following mineral is used both as electrical, thermal and sound insulator?
- (A) Graphite
  - (B) Mica
  - (C) Asbestos
  - (D) Clay
108. Which of the following pyroxene is diagnostic of Charnockite?
- (A) Augite
  - (B) Hypersthene
  - (C) Hedenbergite
  - (D) Jadeite
109. Glaucophane is the characteristic mineral of ..... facies
- (A) blue schist
  - (B) green schist
  - (C) amphibolite
  - (D) zeolite
110. A terrigenous sedimentary rock in which the particles are mostly of silts and clay size is called
- (A) Sandstone
  - (B) Conglomerate
  - (C) Shale
  - (D) Breccia
111. Arkose is derived from weathering of
- (A) Gabbro
  - (B) Granite
  - (C) Ultrabasic rocks
  - (D) Marble
112. Mechanical sedimentary rocks show ..... texture
- (A) Clastic
  - (B) Non-clastic
  - (C) Coloform
  - (D) Reaction

113. Choose the odd one out
- (A) Ripple marks
  - (B) Gadded Bedding
  - (C) Cross bedding
  - (D) Mud cracks
114. Which of the following is a monomineralic rock consisting almost exclusively of olivine?
- (A) Hazburgite
  - (B) Dunite
  - (C) Wehrlite
  - (D) Picrite
115. The term Anatexis denotes
- (A) partial melting of rock
  - (B) partial recrystallization
  - (C) complete recrystallization
  - (D) complete melting of rock
116. The western continental margin of India is an example of
- (A) Active Margin
  - (B) Passive Margin
  - (C) Subduction Zone
  - (D) Collision Zone
117. A conglomerate formed by the consolidation clasts ejected volcanic eruption is called as
- (A) Diamictite
  - (B) Orthoconglomerate
  - (C) Paraconglomerate
  - (D) Agglomerate
118. Which of the following is a biogenic sedimentary structure?
- (A) Ripple mark
  - (B) Graded bedding
  - (C) Crawling trail
  - (D) Cross bedding

119. A gneiss which is derived from metamorphism of an alumina- rich sedimentary rock is
- (A) orthogneiss
  - (B) paragneiss
  - (C) augen gneiss
  - (D) porphyritic gneiss
120. Choose the odd one out
- (A) Albite
  - (B) Sanidine
  - (C) Oligoclase
  - (D) Andesine
121. Wavy/undulose extinction is characteristically exhibited by
- (A) Quartz
  - (B) Biotite
  - (C) Hornblende
  - (D) Hypersthene
122. Malanjkhand is known for ..... deposits
- (A) Iron
  - (B) Manganese
  - (C) Copper
  - (D) Bauxite
123. Which of the following is the most abundant element in the Earth's crust?
- (A) O
  - (B) Si
  - (C) Al
  - (D) Fe
124. Feldspar group of minerals crystallizes in which of the following crystal systems?
- (A) Isometric
  - (B) Tetragonal
  - (C) Orthorhombic
  - (D) Monoclinic and Triclinic

125. Chemical composition of Orthoclase is
- (A)  $\text{KAlSi}_3\text{O}_8$
  - (B)  $\text{NaAlSi}_3\text{O}_8$
  - (C)  $\text{CaAlSi}_3\text{O}_8$
  - (D)  $\text{Al}_2\text{SiO}_5$
126. What is the streak of Hematite?
- (A) Black
  - (B) Cherry red
  - (C) White
  - (D) Yellow
127. Most of the rocks of the Central Indian Tectonic Zone evolved during
- (A) Archean
  - (B) Proterozoic
  - (C) Paleozoic
  - (D) Mesozoic
128. Zawar Mines are famous for
- (A) gold
  - (B) diamond
  - (C) lead and zinc
  - (D) graphite
129. Which of the following rock could be an important source of diamonds?
- (A) Komatiite
  - (B) Gabbro
  - (C) Eclogite
  - (D) Kimberlite
130. Which of the following mineral is the carbonate of copper?
- (A) Malachite
  - (B) Rhodochrosite
  - (C) Cerussite
  - (D) Strontianite

131. The ore deposits which are formed simultaneously with the enclosing/host rock are called
- (A) Epigenetic
  - (B) Syngenetic
  - (C) Synclogenetic
  - (D) Cynogenetic
132. Folds with two hinges and three planar limbs are called as ..... folds
- (A) conjugate
  - (B) chevron
  - (C) cusped
  - (D) cylindrical
133. Choose the odd one out
- (A) Fault Gouge
  - (B) Fault Breccia
  - (C) Mylonite
  - (D) Kaolinite
134. The ozone layer is found in the which of the following layer of atmosphere?
- (A) Troposphere
  - (B) Stratosphere
  - (C) Mesosphere
  - (D) Thermosphere
135. Hot molten silicate material erupted from volcano is called as
- (A) Lava
  - (B) Magma
  - (C) Pyroclasts
  - (D) Tephra
136. Which of the following type of igneous rock has highest silica content?
- (A) Ultra-mafic
  - (B) Mafic
  - (C) Intermediate
  - (D) Felsic

137. Which of the following is an example of native mineral?
- (A) Diamond
  - (B) Hematite
  - (C) Quartz
  - (D) Calcite
138. In which of the following geological period mammals first appeared on the earth?
- (A) Cretaceous
  - (B) Triassic
  - (C) Jurassic
  - (D) Tertiary
139. Which of the following is the age of fish?
- (A) Devonian
  - (B) Silurian
  - (C) Cambrian
  - (D) Ordovician
140. Which of the following is a non-clastic sedimentary rock?
- (A) Conglomerate
  - (B) Chalk
  - (C) Sandstone
  - (D) Shale
141. Which of the following sedimentary rock is of glacial origin?
- (A) Tillite
  - (B) Shale
  - (C) Limestone
  - (D) Lignite
142. Ophitic texture is commonly shown by
- (A) Granite
  - (B) Trachyte
  - (C) Andesite
  - (D) Dolerite



143. Which of the following minerals belong to the cubic system?
- (A) Orthoclase
  - (B) Quartz
  - (C) Garnet
  - (D) Apatite
144. Age of the Panjal Traps
- (A) Cambrian
  - (B) Carboniferous
  - (C) Permian
  - (D) Devonian
145. A sandstone with less than 15% matrix content is known as
- (A) Siltstone
  - (B) Mudstone
  - (C) Greywacke
  - (D) Arenite
146. Coesite is higher polymorph of
- (A) Quartz
  - (B) Aluminosilicate
  - (C) Garnet
  - (D) Plagioclase
147. Which of the following is in decreasing order of particle size?
- (A) Sandstone, Siltstone, Conglomerate
  - (B) Sandstone, Conglomerate Siltstone
  - (C) Conglomerate, Sandstone, Siltstone
  - (D) Siltstone, Sandstone, Conglomerate
148. In a binary system, two crystallization curves join at a point where simultaneous crystallization of two mineral phases takes place is called as
- (A) eutectic point
  - (B) peritectic point
  - (C) cotectic point
  - (D) anatectic point

149. Graphic texture in an igneous rock is indicative of

- (A) crystal settling
- (B) eutectic crystallization
- (C) magma mixing
- (D) fractional crystallization

150. Choose the odd one out

- (A) Enstatite
- (B) Bronzite
- (C) Hypersthene
- (D) Anthophyllite

FOR REFERENCE ONLY

ANSWER KEY									
Subject Name:		GEOLOGY							
SI No.	Key	SI No.	Key	SI No.	Key	SI No.	Key	SI No.	Key
1	A	31	B	61	C	91	A	121	A
2	C	32	C	62	C	92	B	122	C
3	B	33	B	63	A	93	C	123	A
4	D	34	B	64	A	94	B	124	D
5	C	35	A	65	C	95	A	125	A
6	A	36	A	66	A	96	C	126	B
7	C	37	C	67	B	97	B	127	B
8	B	38	B	68	D	98	A	128	C
9	A	39	A	69	B	99	C	129	D
10	A	40	C	70	A	100	C	130	A
11	B	41	D	71	B	101	A	131	B
12	A	42	B	72	A	102	D	132	A
13	C	43	B	73	C	103	B	133	D
14	B	44	A	74	A	104	C	134	B
15	C	45	D	75	B	105	B	135	A
16	A	46	B	76	A	106	B	136	D
17	B	47	A	77	C	107	B	137	A
18	C	48	B	78	B	108	B	138	B
19	C	49	C	79	A	109	A	139	A
20	B	50	A	80	C	110	C	140	B
21	A	51	D	81	C	111	B	141	A
22	C	52	A	82	A	112	A	142	D
23	D	53	C	83	B	113	D	143	C
24	A	54	A	84	A	114	B	144	C
25	B	55	B	85	C	115	A	145	D
26	B	56	A	86	A	116	B	146	A
27	A	57	D	87	A	117	D	147	C
28	B	58	A	88	C	118	C	148	A
29	B	59	A	89	B	119	B	149	B
30	B	60	C	90	C	120	B	150	D