

1. Which process is responsible for the formation of igneous rocks?

- a) Weathering
- b) Erosion
- c) Melting and solidification
- d) Compaction and cementation

Answer: c) Melting and solidification

Explanation: Igneous rocks form when molten magma cools and solidifies either beneath the Earth's surface (intrusive) or on the surface (extrusive).

---

2. What is the primary characteristic used to classify sedimentary rocks?

- a) Mineral composition
- b) Color
- c) Grain size
- d) Hardness

Answer: c) Grain size

Explanation: Sedimentary rocks are classified based on their grain size, which can range from clay-sized particles (mudstone) to gravel-sized particles (conglomerate).

---

3. Which type of sedimentary rock is formed from the accumulation and compaction of plant and animal remains?

- a) Conglomerate
- b) Sandstone
- c) Limestone
- d) Shale

Answer: c) Limestone

Explanation: Limestone is primarily composed of calcium carbonate derived from the accumulation and compaction of marine organisms such as shells and coral.

---

4. What is the process by which sedimentary rocks are transformed into metamorphic rocks due to heat and pressure?

- a) Melting
- b) Compaction
- c) Weathering
- d) Metamorphism

Answer: d) Metamorphism

Explanation: Metamorphism occurs when pre-existing rocks (sedimentary, igneous, or metamorphic) undergo changes in mineralogy, texture, or chemical composition due to heat and pressure.

---

5. Which of the following is an example of a foliated metamorphic rock?

- a) Marble
- b) Quartzite
- c) Schist
- d) Basalt

Answer: c) Schist

Explanation: Foliated metamorphic rocks, such as schist, exhibit a layered or banded appearance due to the alignment of minerals under directed pressure.

---

6. What is the most abundant igneous rock in the Earth's crust?

- a) Granite
- b) Basalt
- c) Obsidian
- d) Pumice

Answer: b) Basalt

Explanation: Basalt is the most common extrusive igneous rock found in the Earth's crust, often forming oceanic crust and volcanic islands.

---

7. Which type of rock is formed from the cooling and solidification of lava on the Earth's surface?

- a) Sedimentary
- b) Metamorphic
- c) Intrusive igneous
- d) Extrusive igneous

Answer: d) Extrusive igneous

Explanation: Extrusive igneous rocks, such as basalt and obsidian, are formed from the rapid cooling of lava on the Earth's surface, resulting in fine-grained textures.

---

8. Which of the following rocks is NOT commonly used in civil engineering construction due to its tendency to dissolve in acidic environments?

- a) Granite

- b) Limestone
- c) Sandstone
- d) Marble

Answer: b) Limestone

Explanation: Limestone is susceptible to dissolution in acidic environments, making it less suitable for civil engineering construction compared to rocks like granite and sandstone.

---

9. Which metamorphic rock is prized for its use in sculptures and building facades due to its smooth texture and variety of colors?

- a) Slate
- b) Gneiss
- c) Marble
- d) Quartzite

Answer: c) Marble

Explanation: Marble, formed from the metamorphism of limestone or dolostone, is valued for its aesthetic appeal, smooth texture, and range of colors, making it ideal for sculptures and architectural purposes.

---

10. Which rock type is commonly associated with India's Aravalli Range, one of the oldest mountain ranges in the world?

- a) Granite
- b) Quartzite
- c) Gneiss
- d) Basalt

Answer: c) Gneiss

Explanation: Gneiss, a metamorphic rock characterized by banded textures, is prevalent in the Aravalli Range, which has undergone extensive geological processes over millions of years, contributing to its metamorphic rock formations.

Related posts:

1. Stones, Brick, Mortar and Concrete MCQs
2. Timber ,Glass , Steel and Aluminium MCQS
3. Flooring , Roofing ,Plumbing and Sanitary Material MCQS
4. Paints, Enamels and Varnishes MCQs
5. Miscellaneous ConstructionMaterials MCQs
6. Surveying & Levelling MCQS
7. Theodolite Traversing MCQs
8. Tacheometry MCQS
9. Curves MCQS

10. Hydrographic Survey MCQs
11. Drawing of Building Elements MCQS
12. Building Planning MCQS
13. Building Services MCQs
14. Architectural Principles MCQs
15. Town Planning & Perspective Drawing MCQs
16. Simple Stress and Strains MCQs
17. Bending and Shearing Stresses MCQs
18. Beam Deflection Methods MCQs
19. Columns and Struts MCQs
20. Torsion of Shafts MCQs
21. Review of Fluid Properties MCQs
22. Kinematics of Flow MCQs
23. Dynamics of Flow MCQs
24. Laminar Flow MCQs
25. Fluid Mechanics MCQs
26. Highway Engineering MCQs
27. Bituminous & Cement Concrete Payments MCQS
28. Transportation Engineering MCQs
29. Airport Planning and Geometrical Elements MCQs
30. Airport, Obstructions, Lightning & Traffic control MCQs
31. Preliminary and detailed investigation methods MCQs
32. Construction equipments MCQs
33. Contracts MCQs
34. Specifications & Public Works Accounts MCQs
35. Site Organization & Systems Approach to Planning MCQs
36. Construction Estimation MCQs

37. Rate Analysis MCQs
38. Detailed Estimates MCQs
39. Cost of Works MCQS
40. Valuation MCQS
41. Marine Construction MCQs
42. Harbour Planning MCQs
43. Natural Phenomena MCQS
44. Marine Structures MCQs
45. Docks and Locks MCQS
46. Urban Planning MCQs
47. Urban Planning MCQs: Sustainability, Finance, and Emerging Concepts
48. Urban Planning MCQs
49. Traffic transportation systems MCQs
50. Development plans MCQS
51. Remote Sensing MCQs
52. Remote Sensing Platforms and Sensors MCQS
53. Geographic Information System MCQS
54. Data Models mCQs
55. Integrated Applications of Remote sensing and GIS MCQs
56. Renewable Energy MCQs
57. Renewable Energy Systems Overview MCQ
58. Renewable Energy MCQs
59. Alternative Energy Sources MCQs
60. Electric Energy Conservation MCQs
61. Entrepreneurship MCQs
62. Motivation MCQS
63. Small Business Setup MCQs

64. Finance and Accounting MCQs
65. Entrepreneurial Sickness and Small Business Growth MCQs
66. Design features and construction of Foundations MCQs
67. Formwork and Temporary structures MCQs
68. Masonry and walls MCQS
69. Floor and Roof Construction MCQs
70. Earthquake-Resistant Building MCQs
71. Virtual work and Energy Principles MCQS
72. Indeterminate Structures-I MCQS
73. Indeterminate Structures - II MCQs
74. V Arches and Suspension Cables MCQS
75. Rolling loads and Influence Lines MCQS
76. Railway Track Construction MCQs
77. Railway Track Design and Signaling MCQs
78. Bridge Construction Essentials MCQs
79. Bridge Construction MCQs
80. Tunnels MCQS
81. Geology Earth's Processes and Phenomena MCQs
82. Mineralogy and crystallography MCQs
83. Structural geology MCQs
84. Geology, Remote Sensing, and GIS MCQs
85. Waste water Treatment Operations MCQs
86. Biological Treatment of waste-water MCQS
87. Advanced Waste-water treatment MCQS
88. Introduction of Air pollution MCQS
89. Air pollution chemistry MCQs
90. Undamped Single Degree of Freedom System MCQS

91. Damped Single Degree of Freedom System MCQ
92. Response to harmonic and periodic vibrations MCQS
93. Response to Arbitrary, Step, and Pulse Excitation MCQS
94. Multi Degree of Freedom System MCQS
95. Structural Engineering MCQs
96. Building Services MCQs
97. Lift & Escalator MCQS
98. Fire-Fighting MCQs
99. Acoustics and sound insulation and HVAC system MCQS
100. Miscellaneous Services MCQS
101. Basic Principles of Structural Design MCQs
102. Design of Beams MCQs
103. Design of Slabs MCQS
104. Columns & Footings MCQs
105. Staircases MCQs
106. Water Resources MCQs
107. Water Supply Systems MCQs
108. Water Treatment methods MCQs
109. Sewerage Systems MCQS
110. Wastewater Analysis & Disposal MCQs
111. Irrigation water requirement and Soil-Water-Crop relationship MCQS
112. Ground Water and Well irrigation MCQs
113. Hydrology MCQs
114. Canals and Structures MCQs
115. Floods MCQS
116. Prefabrication in Construction MCQs
117. Prefabricated Construction MCQs

- 118. Design Principles MCQs
- 119. Structural Joint MCQs
- 120. Design of abnormal load MCQS
- 121. Advance Pavement Design MCQs
- 122. Flexible Pavements MCQS
- 123. Rigid Pavements MCQS
- 124. Rigid pavement design MCQs
- 125. Evaluation and Strengthening of Existing Pavements MCQS
- 126. Cost Effective & ECO-Friendly Structures MCQs
- 127. Cost effective construction techniques and equipments MCQs
- 128. Cost effective sanitation MCQS
- 129. Low Cost Road Construction MCQs
- 130. Cost analysis and comparison MCQ
- 131. Turbulent flow MCQS
- 132. Uniform flow in open channels MCQs
- 133. Non uniform flow in open channels MCQs
- 134. Forces on immersed bodies MCQs
- 135. Fluid Machines MCQs
- 136. Intellectual Property Rights MCQs
- 137. Copyright MCQs
- 138. Patents MCQs
- 139. Trade Marks, Designs & GI MCQs
- 140. Contemporary Issues & Enforcement of IPR MCQs
- 141. Concept of EIA MCQs
- 142. Methods of Impact Identification MCQs
- 143. Impact analysis MCQs
- 144. Preparation of written documentation MCQs

- 145. Public Participation in Environmental Decision making MCQs
- 146. Linear Models MCQs
- 147. Transportation Models And Network Models MCQs
- 148. Inventory Models MCQs
- 149. Queueing Models MCQS
- 150. Decision Models MCQs
- 151. Basis of Structural Design and Connection Design MCQS
- 152. Design of Compression and Tension Members MCQs
- 153. Design of Flexural Members MCQs
- 154. Design of Columns and Column Bases MCQs
- 155. Design of Industrial Buildings MCQS
- 156. Hydrological Cycle mCQs
- 157. Hydrological Measurement MCQs
- 158. Groundwater and Well Dynamics MCQs
- 159. Hydrology MCQs
- 160. Hydrology MCQs
- 161. Selection of foundation and Sub-soil exploration/investigation MCQs
- 162. Shallow Foundation MCQs
- 163. Pile foundations MCqs
- 164. Foundations on problematic soil & Introduction to Geosynthetics MCQs
- 165. Retaining Walls and Earth Pressure MCQs
- 166. Types of Bridge Super Structures MCQs
- 167. Design of R.C. Bridge MCQs
- 168. Design of Steel Bridges MCQs
- 169. Pier, Abutment and Wing Walls MCQs
- 170. Foundations and Bearings MCQs
- 171. Engineering Seismology MCQS

- 172. Response Spectrum MCQs
- 173. Aseismic Structural Modelling MCQS
- 174. Design of structure for earthquake resistance MCQS
- 175. Seismic control of structures MCQs
- 176. Introduction to Artificial Intelligence MCQs
- 177. Various types of production systems and search techniques MCQs
- 178. Knowledge Representation and Probabilistic Reasoning MCQS
- 179. Game playing techniques MCQs
- 180. Introduction to learning ,ANN MCQs
- 181. Concrete Structure MCQs
- 182. Damage Assessment MCQs
- 183. Influence on Serviceability and Durability MCQs
- 184. Maintenance and Retrofitting Techniques MCQs
- 185. Materials for Repair and Retrofitting MCQs
- 186. Paradigm Shift in Water Management MCQS
- 187. Sustainable Water Resources Management MCQs
- 188. Integrated Water Resources Management (IWRM) Approach MCQs
- 189. Surface and Subsurface Water Systems MCQS
- 190. Conventional and Non-conventional Techniques for Water Security MCQs
- 191. Environmental Pollution mcq
- 192. Data Structure MCQ
- 193. Analog/Digital Conversion, Logic Gates, Multivibrators, and IC 555 MCQ
- 194. Numerical Methods MCQ
- 195. The Software Product and Software Process MCQ
- 196. Memory Organization MCQ
- 197. Software Development and Architecture MCQ
- 198. Rough Set Theory MCQ

- 199. Study of traditional routing and transport MCQ
- 200. Mathematical Background for Cryptography MCQ