

Science Reviewer

Part I. Write the letter of the correct answer.

_____ 14. What is the term for a volcanic mudflow?
A. Pyroclastic flow C. Caldera
B. Lahar D. Fumarole

_____ 15. Which volcanic feature is a vent in the Earth's crust where volcanic material is emitted?
A. Crater B. Fissure C. Dike D. Sill

_____ 16. What is the explosive ejection of pyroclastic fragments from a volcano called?
A. Lava flow B. Tephra C. Ash cloud D. Pyroclastic eruption

_____ 17. Which type of volcano is built from layers of pyroclastic materials, lava flows, and volcanic ash?
A. Cinder cone volcano C. Stratovolcano
B. Shield volcano D. Lava dome

_____ 18. What are the solid fragments thrown into the air by a volcanic eruption called?
A. Pumice B. Obsidian C. Lapilli D. Basalt

_____ 19. Where do most volcanoes of the Pacific Ring of Fire occur?
A. Atlantic Ocean C. Pacific Ocean
B. Mediterranean Sea D. Indian Ocean

_____ 20. What is the name for a bowl-shaped depression at the top of a volcano?
A. Crater B. Caldera C. Vent D. Pyroclastic cone

_____ 21. What type of volcano is known for its broad, gently-sloping sides and non-violent eruptions?
A. Shield B. Composite C. Cinder cone D. Lava dome

_____ 22. Which type of volcano is characterized by its tall and symmetrical shape with explosive eruptions?
A. Shield B. Cinder cone C. Caldera D. Composite

_____ 23. What type of volcano is formed from layers of hardened lava flows?
A. Cinder cone B. Shield C. Stratovolcano D. Lava dome

_____ 24. What type of volcano is typically the smallest in size and is composed of pyroclastic material?
A. Lava dome B. Stratovolcano C. Shield D. Cinder cone

_____ 25. Which type of volcano is known for its violent eruptions that result in the collapse of the central summit?
A. Shield B. Cinder cone C. Caldera D. Composite

_____ 26. What type of volcano is generally characterized by eruptions of basaltic lava?
A. Composite B. Stratovolcano C. Shield D. Lava dome

_____ 27. Which type of volcano is a large, basin-shaped depression often caused by the collapse of the volcano into itself?
A. Cinder cone B. Shield C. Lava dome D. Caldera

_____ 28. What type of volcano is a combination of different types of volcanic activity?
A. Composite B. Lava dome C. Stratovolcano D. Shield

_____ 29. Which type of volcano is also known as a composite volcano?
A. Shield B. Cinder cone C. Caldera D. Stratovolcano

30. What type of volcano is often found at hotspots in the middle of tectonic plates?
A. Composite B. Shield C. Cinder cone D. Lava dome

Part II: Classify the given rock by writing 'Igneous', 'Sedimentary', or 'Metamorphic'.

1. Granite	9. Obsidian
2. Sandstone	10. Conglomerate
3. Slate	11. Pumice
4. Basalt	12. Quartzite
5. Limestone	13. Diorite
6. Marble	14. Chert
7. Gneiss	15. Schist
8. Shale	

Part III. Identify the following anions by their chemical formula:

1. Cl^-	9. MnO_4^-
2. SO_4^{2-}	10. CrO_4^{2-}
3. NO_3^-	11. $Cr_2O_7^{2-}$
4. PO_4^{3-}	12. SO_3^{2-}
5. CO_3^{2-}	13. NO_2^-
6. CH_3COO^-	14. ClO^-
7. HCO_3^-	15. CN^-
8. OH^-	

Part IV. Label the parts of the volcano.

