

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

أسئلة ميد تيرم سابقة في مادة
الجيولوجيا
Geology 🌟



اللهم نسألك بأسمك الأكرم
الذي إذا دُعيت به أجبت
اللهم أنصر أخواننا في فلسطين
اللهم وحد صفهم وأجمع كلمتهم على الحق
اللهم عليك بالصهاينة المعتدين الغاصبين
اللهم أرنا بهم عجائب قدرتك واشف صدور
قوم مؤمنين يا ذا الجلال والإكرام

By : Ahmed Salah ✨

1 Mcq:

- 【1】** Which of the following crystal forms can be an open form ?
A. Bipyramid B. Cube C. Prism D. Octahedron
-
- 【2】** Which type of axis of symmetry involves a repetition of a face every 120° ?
A. Diad axis B. Tetrad axis
C. Triad axis D. Hexad axis
-
- 【3】** The imaginary point that lies exactly at the center of the crystal is called
A. Axis of symmetry B. Plane of symmetry
C. Center of symmetry D. Corner of the crystal
-
- 【4】** For which mineral is the Trisoctahedron most commonly reported usually as a subordinate form ?
A. Quartz B. Feldspar C. Calcite D. Diamond
-
- 【5】** To which axis are the faces of a Brachy dome parallel ?
A. the c - axis B. the b - axis
C. the a - axis D. no specific axis
-
- 【6】** Why is there no such thing as a " c dome " ?
A. Because the faces of a dome must be parallel to the c- axis
B. Because the faces of a dome always intersect the c- axis
C. Because a dome is an open form and cannot be parallel to the c- axis
D. Because the c- axis is always the vertical axis
-
- 【7】** What is the characteristic anion of the sulfide group ?
A. (O^{2-}) B. (SO_4^{2-}) C. (S^{2-}) D. (CO_3^{2-})
-
- 【8】** What type of Luster is characterized by it's hardness and brilliant shine , like that a diamond ?
A. Silky B. Resinous
C. Pearly D. Adamantine
-

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【9】 Which of the following minerals is considered an example of an opaque mineral ?

- A. Galena B. Calcite C. Fluorite D. Quartz
-

【10】 The open crystal form composed of two parallel faces that intercept the b- axis and are parallel to the a and C axes is called.....

- A. Basal (c) Pinacoid B. Side (b) Pinacoid
C. Front (a) Pinacoid D. Dome
-

【11】 What property causes a mineral specimen to appear variously colored when viewed from different directions ?

- A. Asterism B. Tarnish
C. Pleochroism D. Fluorescence
-

【12】 What usually results in thin coatings on the surface of a mineral due to chemical reaction with the air ?

- A. Asterism B. Tarnish
C. Pleochroism D. Fluorescence
-

【13】 What is the relationship between the lengths of the three crystallographic axes (a,b, c) in the orthorhombic system ?

- A. $a = b = c$ B. $a = b \neq c$
C. $a \neq b = c$ D. $a \neq b \neq c$
-

【14】 What is the complete symmetry formula for the normal class of the tetragonal system ?

- A. $L^3 . 3L^2 . 3P . C$ B. $L^4 . 4L^2 . 4P . C$
C. $L^4 . 4L^2 . 5P . C$ D. $L^4 . 4L^3 . 5P . C$
-

【15】 What is the open crystal form composed of two faces parallel to each other and intersecting only the c - axis ?

- A. Tetragonal pyramid B. Tetragonal prism
C. Basal (c) Pinacoid D. Tetragonal dipyrmaid
-

【16】 Which of the following examples represents a constant - colored mineral ?

- A. Quartz B. Calcite
C. Tourmaline D. Pyrite

【17】 The emission of light from a mineral when it is scratched, rubbed, or crushed is called

- A. Phosphorescence
- C. Triboluminescence

- B. Thermoluminescence
- D. Fluorescence

【18】 Which of the following terms describes the appearance of a mineral that looks as if it is coated with oil or graphite ?

- A. Silky
- B. Adamantine
- C. Greasy
- D. Dull

【19】 How many faces are present in the crystal form of the hexagonal prism second order ?

- A. 2
- B. 6
- C. 12
- D. 24

【20】 A cube (hexahedron) is composed of

- A. 8 equilateral triangular faces
- B. 12 rhombic faces
- C. 6 square faces
- D. 4 triangular faces

2 True or False :

【21】 Magnetite is an example of minerals that contain sulfur.

【22】 An axis of symmetry is a real line that can be clearly seen in a crystal.

【23】 In the hexagonal system , the alpha and the beta angles are equal to 90° .

【24】 The streak is determined by rubbing the mineral on an unglazed white streak plate.

【25】 A Brachy dome form consists of four faces parallel to the a - axis .

【26】 The basal (c) Pinacoid is a closed form composed of two parallel faces that intercept the c - axis.

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【27】 Chatoyancy appears as a silky sheen resulting from closely packed parallel fibrous inclusions or cavities.

【28】 A Plane of symmetry is a process in which a crystal shape undergoes rotation.

【29】 A Center of symmetry is a process in which a crystal shape undergoes inversion.

【30】 Limonite is an example of a mineral with a dull (earthy) Luster.

【31】 gypsum and serpentine have a silk - like appearance and their Lustre is considered silky.

【32】 A Rhombic Dodecahedron form is composed of 10 rhomb-shaped faces.

【33】 Each of the twofold axes of symmetry in the Orthorhombic system is parallel to one of the planes of symmetry.

【34】 In the case of Fluorescence , the luminescence continues after the removal of the excitation source.

【35】 There are four triad axes of symmetry (L_3) in the cubic system that are not perpendicular to any plane of symmetry.

بالتوفيق
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أحلي
دكاترة 

By : Ahmed Salah 

1 Mcq:

- [1] C
- [2] C
- [3] C
- [4] D
- [5] C
- [6] B
- [7] C
- [8] D
- [9] A
- [10] B
- [11] C
- [12] B
- [13] D
- [14] C
- [15] C
- [16] D
- [17] C
- [18] C
- [19] B
- [20] C

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2 True or False:

- [21] ✗
- [24] ✓
- [27] ✓
- [30] ✓
- [33] ✗

- [22] ✗
- [25] ✓
- [28] ✗
- [31] ✓
- [34] ✗

- [23] ✓
- [26] ✗
- [29] ✓
- [32] ✗
- [35] ✓