

Instructions: Draw neat diagrams wherever necessary.

Write proper answer number.

Q-1. Explain Jovian planets and Jean's tidal theory. [10]

OR

Q-1. (a) Binary star hypothesis. [05]

(b) Scopes of geology. [05]

Q-2. Explain physical properties of minerals depending upon light. [10]

OR

Q-2. (a) Forms in minerals. [05]

(b) Specific gravity of the minerals with examples. [05]

Q-3. Attempt any five out of six. [05]

(i) Mention concepts of binary star hypothesis.

(ii) What you know about universe?

(iii) Name two inner planets of the solar system.

(iv) Write crystalline system and form of orthoclase.

(v) Give chemical composition of muscovite.

(vi) Mention importance of mineralogy.
