

**GEOL/VI/12(a)**

**2 0 1 6**

( 6th Semester )

**GEOLOGY**

TWELFTH (A) PAPER

**( Environmental Geology )**

( PART : A—OBJECTIVE )

( Marks : 20 )

*The figures in the margin indicate full marks for the questions*

SECTION—A

( Marks : 5 )

- 1.** Put a Tick (✓) mark against the correct answer in the brackets provided : 1×5=5

(a) Ozone layer is consist of

(i) mesosphere (    )

(ii) troposphere (    )

(iii) stratosphere (    )

(iv) thermosphere (    )

( 2 )

(b) The seismic wave which can travel through solid, liquid and gases is

(i) S wave ( )

(ii) R wave ( )

(iii) P wave ( )

(iv) None of the above ( )

(c) The cold period that occurred about 11500 years ago is known as

(i) Younger Dryas ( )

(ii) Little Ice Age ( )

(iii) Holocene Maximum ( )

(iv) Eemian Interglacial ( )

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( 3 )

(d) The water covers 70% of the Earth's surface; out of this fresh water is

(i) 1.0% –1.75% ( )

(ii) 2.5% –2.75% ( )

(iii) 3.5% –3.75% ( )

(iv) 25% –30% ( )

(e) A factor of safety is larger than 1.0 at a location, indicates

(i) fail ( )

(ii) start to fail ( )

(iii) slump ( )

(iv) safe ( )

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( 4 )

SECTION—B

( Marks : 15 )

**2.** Write short notes on the following : 3×5=15

(a) Renewable and non-renewable resources

( 5 )

(b) Causes of volcanoes

( 6 )

(c) Different types of clouds

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( 7 )

(d) Air pollutants

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( 8 )

(e) Harmful effects of water pollution on man

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