191. On which of the following date/dates, Winter Solstice is observed in Northern Hemisphere?
I. 21st December
II. 5th August
III.10th January
(A) Only I
(B) I and II Both
(C) Only III
(D) Only II
Ans. (A)

192. The only planet whose period of rotation is longer than the period of revolution around the Sun?
(A) Mercury
(B) Jupiter
(C) Venus
(D) Neptune
Ans. (C)

193. Masses of stars and galaxies are usually expressed in _____.
(A) Earth's mass
(B) Solar mass
(C) Lunar mass
(D) Neutron mass
Ans. (B)

194. Which of the following pair is CORRECT?
I. Prime Meridian - Longitude
II. Tropic of Cancer - Latitude
III. Equator - Latitude
(A) I and II
(B) I and III
(C) II and III
(D) All options are correct
Ans. (D)

195. During Lunar eclipse, which of the following is at the centre?
(A) Earth
(B) Moon
(C) Sun
(D) Any other planet
Ans. (A)

196. Which of the following planet is farthest from Sun?
(A) Saturn
(B) Jupiter
(C) Neptune141. The Tropic of Cancer does not pass through
(A) Myanmar
(B) Nepal
(C) Bangladesh
(D) China
Ans. (B)

142. The majority of Earth's curst is composed of which rock?
(A) Igneous
(B) Metamorphic
(C) Sedimetary
(D) Carbonate
Ans. (A)

143. The deflection of the winds to the right in the northern hemisphere is caused by :
(A) Revolution of the Earth
(B) Rotation of the Earth
(C) Uneven heating of the Earth
(D) All the above
Ans. (B)

144. The zone of Earth's atmosphere immediately above its surface up to a height of about 16 kms above equator and 8 kms over the poles is known as :
(A) Mesosphere
(B) Thermosphere
(C) Troposphere
(D) Stratosphere
Ans. (C)

145. Density of the Earth's atmosphere is highest in the
(A) Troposphere
(B) Stratosphere
(C) Mesosphere
(D) Ionosphere
Ans. (A)

146. The atmospheric layer farthest from the Earth's surface is known as :
(A) Stratosphere
(B) Exosphere
(C) Ionosphere
(D) Mesosphere
Ans. (B)

147. Shale is metamorphosed into which of the following rocks?
(A) Graphite
(B) Gneise
(C) Marble
(D) Slate
Ans. (D)

148. Marble is the metamorphosed form of
(A) Shale
(B) Basalt
(C) Sandstone
(D) Limestone
Ans. (D)

149. Dolomite is a/an
(A) Sedimentary rock
(B) Plutonic rock
(C) Igneous rock
(D) Metamorphic rock
Ans. (A)

150. Which one of the following is igneous rock?
(A) Limestone
(B) Granite
(C) Marble
(D) Slate
Ans. (B)

151. The Mohorov ic ic (Moho) Discont inuity separates
(A) Outer core and Mantle

(B) Inner and Outer core
(C) Sima and Nife
(D) Crust and Mantle
Ans. (D)

152. Sandstone is metamorphosed to :
(A) Shale
(B) Slate
(C) Quartzite
(D) Marble
Ans. (C)

153. Breaking down of rock in situ is known as :
(A) Erosion
(B) Weathering
(C) Mass wasting
(D) Degradation
Ans. (B)

154. Which one of the following is a Sedimentary Rock?
(A) Granite
(B) Charnockite
(C) Basalt
(D) Arkose
Ans. (D)

155. Which of the following is an organic rock?
(A) Marble
(B) Coal
(C) Granite
(D) Slate

Ans. (B)

156. The most abundant element in the Earth's atmosphere is
(A) Argon
(B) Nitrogen
(C) Oxygen
(D) Krypton
Ans. (B)

157. On which date is India likely to experience the shortest day?
(A) December 22
(B) March 21
(C) June 22
(D) September 23
Ans. (A)

158. Magnetic Meridian is a-
(A) Line parallel to the equator of the Earth
(B) Latitude
(C) Line joining the geographic north and geographic south of Earth
(D) Plane passing through the magnetic north and magnetic south of Earth
Ans. (D)

159. The core of the Earth is also known as-
(A) Lithosphere
(B) Mesosphere
(C) Barysphere
(D) Centrosphere

Ans. (C)

160. Bridgmanite is-
(A) A bridge on the river Thames
(B) Name of a game
(C) Earth's most abundant mineral
(D) Name of a music
Ans. (C)

161. Which of the following is indicated by the colour of a star?
(A) Weight
(B) Distance
(C) Temperature
(D) Size
Ans. (C)

162. When does solar eclipse take place?
(A) When the Sun is between the Moon and Earth
(B) When the Earth is between the Moon and Sun
(C) When the Moon is between the Sun and Earth
(D) When the Moon does not lie on the line joining the Sun and Earth
Ans. (C)

163. Evidence suggests that life on Earth has existed for about_____.
(A) 3.5 million years
(B) 35 billion years
(C) 35 million years
(D) 3.5 billion years
Ans. (A)

164. What is the study of Moon called?
(A) Selenology
(B) Cosmology
(C) Iridology
(D) Planetology
Ans. (A)

165. "Sirius", the brightest star outside of the Solar System, is also called _____.
(A) Cat star
(B) Dog star
(C) Fox star
(D) Lion star
Ans. (B)

166. 1-degree of latitude is equal to _____.
(A) 11 Km
(B) 211 Km
(C) 111 Km
(D) 311 Km
Ans. (C)

167. Marble is a metamorphic rock of _____.
(A) Sandstone
(B) Limestone
(C) Granite
(D) Clay

Ans. (B)

168. World's longest land border is between which two contries?
(A) Australia and New Zealand
(B) India and China
(C) Switzerland and Italy
(D) Canada and USA
Ans. (D)

169. Who proposed Continental drift theory?
(A) Alfred Wegener
(B) Alfred Worwick
(C) Alfred Hanks
(D) Alfred Mane
Ans. (A)

170. What is the approximate circumference of Earth?
(A) 40,000 Km
(B) 60,000 Km
(C) 80,000 Km
(D) 1,00,000 Km
Ans. (A)

171. Who Invented Universal Standard Time?
(A) Enrico Fermi
(B) Adolf Gaston Eugen Fick
(C) Sandford Fleming
(D) Benoit Fourneyron
Ans. (C)

172. _____ is the time taken by the Earth to return to a given point in its orbit with reference to a fixed star.
(A) Lunar year
(B) Sidereal year
(C) Solar year
(D) Tropical year
Ans. (B)

173. Who was the first to measure the circumf erence of the Earth?
(A) Erechtheus
(B) Aegeus
(C) Eratosthenes
(D) Apheidas
Ans. (C)

174. ____ is a natural electrical phenomenon characterized by the appearance of streams of reddish or greenish light in the sky, especially near the northern or southern magnetic pole.
(A) Acaulis
(B) Alatus
(C) Albopictus
(D) Aurora
Ans. (D)

175. Triton is the Moon of which planet?
(A) Neptune
(B) Uranus
(C) Saturn
(D) Venus

Ans. (A)

176 . The main mineral constituents of the continental mass water _____ and alumina.
(A) Iron Oxide
(B) Silica
(C) Water
(C) Oxygen
Ans. (B)

177. _____ is an example of intrusive igneous rock.
(A) Conglomerate
(B) Shale
(C) Sandstone
(D) Granite
Ans. (D)

178. The innermost layer is the core with a radius of (SSC CGL 2017) Exp: Granite is plutonic igneous rock having crystallinetexture and is mainly composed of felds about _____ km.
(A) 500
(B) 6500
(C) 9500
(D) 3500
Ans.(D)

179. The final boundary between the Earth and the outer space is called _____.
(A) magnetosphere]

(B) ionosphere
(C) mesopause
(D) magnetopause
Ans.(A)

180. Gravitational force is maximum at which of the following place?
(A) At Equator \
(B) At Tropic of Cancer
(C) At Tropic of Capricorn
(D) At Poles
Ans.(D)

181. Marble comes under which category of rocks?
(A) Sedimentary
(B) Igneous
(C) Metamorphic
(D) None of these
Ans.(C)

182. Which planet is considered as the Dwarf planet?
(A) Earth]
(B) Jupiter
(C) Pluto
(D) Saturn
Ans.(C)

183. Sandstone is which type of rock?
(A) Calcwaterous Rock
(B) Igneous Rock
(C) Metamorphic Rock
(D) Sedimentary Rock
Ans. (D)

184. The boundary between Earth's Crust and Mantle is _____.
(A) Moho discontinuity
(B) Lehman discontinuity
(C) Conrad discontinuity
(D) Gutenberg discontinuity
Ans. (A)

185. Rotational axis of which of the following planet is highly tilted?
(A) Earth
(B) Uranus
(C) Neptune
(D) Jupiter
Ans. (B)

186. How much is the difference of time between any two consecutive longitudes?
(A) 10 minutes
(B) 14 minutes
(C) 4 minutes
(D) 30 minutes
Ans. (C)

187. Which among the following imaginary line lies at 0° latitude?
(A) Equator
(B) Tropic of Cancer
(C) Tropic of Capricorn
(D) Prime Meridian
Ans. (A)

188. What are the imaginary lines encircling the Earth horizontally called?
(A) Latitudes
(B) Longitudes
(C) Isobars
(D) Isotherms
Ans. (A)

189. Which of the following pair is INCORRECT?
(A) 0° longitude - Prime Meridian
(B) 0° longitude - Equator
(C) 0° latitude - Equator
(D) 23.5° North - Tropic of Cancer
Ans. (B)

190. What are the imaginary lines touching both the poles of Earth called?
(A) Latitudes
(B) Longitudes
(C) Isobars
(D) Isotherms
Ans. (B)
(D) Uranus
Ans. (C)

197. For a time difference of two hours, the longitudinal distance will be equal to _____.
A) 15°
(B) 30°
(C) 45°
(D) 60°

Ans. (B)