1. What is meant by the term 'Midnight Sun'?
(a)Twilight
(b)Rising Sun
(c)Very bright Moon
(d)Sun shining in the polar circle for long time

Answer is: D
2. Which planet in our Solar System is nearly as big as the Earth?
(a)Mercury
(b)Mars
(c)Venus
(d)Pluto

Answer is: C
3. Which of the following is called Blue Planet?
(a)Saturn
(b) Earth
(c) Jupiter
(d)Mars

Answer is: B
4. The planet that takes 88 days to make one revolution of the Sun is
(a)Mercury
(b)Saturn
(c)Jupiter
(d)Mars

Answer is: A
5. What is the outermost layer of the Sun is called?
(a)Chromosphere
(b)Photosphere
(c)Corona
(d) Lithosphere

Answer is: C
6. Which of the following planet has largest number of natural satellites or moons?
(a)Jupiter
(b)Mars
(c)Saturn
(d)Venus

Answer is: A
7. The largest planet in our Solar System is
(a)Mars
(b)Jupiter
(c)Venus
(d)Saturn

Answer is: B
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8. We always see the same-face of the Moon, because
(a)it is smaller than the Earth
(b)it revolves in its axis in a direction opposite to that of the Earth
(c)it takes equal time for revolution around the Earth and rotation on its own axis
(d). it rotates at the same speed as the Earth around the Sun

Answer is: C
9. The International Date Line passes through
(a)Baffin Bay
(b)Bering Strait
(c)Denmark Strait
(d)Hudson Bay

Answer is: B
10. Time taken by the Sun's light to reach Earth
(a) 9 min
(b) 8 min 18 sec
(c) 10 min 8 sec
(d) 9 min 20 sec

Answer is: B
11. What is International Date Line?
(a)it is the equator
(b)it is the $0^{\circ}$ longitude
(c)it is the $90^{\circ}$ East longitude
(d) it is the $180^{\circ}$ East-West longitude

Answer is: D
12. The latitude is the angular distance of a point of the Earth's surface, North or South of the equator as measured from the
(a)centre of the Earth
(b)equator
(c)tropic of Cancer or the Capricorn
(d)poles

Answer is: A
13. Which among the following planets is smaller in size than the Earth?
(a)Neptune
(b)Venus
(c)Saturn
(d)Uranus

Answer is: B
14. How much of a time period $15^{\circ}$ of longitudes account for?
(a) 4 min
(b) 15 min
(c) 30 min
(d) 60 min

Answer is: D
15. Which of the following is not correctly matched?
(a)Prime Meridian: Oo
(b)International Date Line: 180o
(c)Arctic Circle: 66.5o N
(d)Tropic of Cancer: 23.5o S

Answer is: D
16. The boundary between North and South Korea is marked by which one of the following?
(a)16th Parallel
(b)29th Parallel
(c)38th Parallel
(d)49th Parallel

Answer is: C
17. How many hours of daylight dies the equator experience on September equinox?
(a) 8 h
(b) 9 h
(c) 10 h
(d) 12 h

Answer is: D
18. In the interior of the Earth
(a)the temperature falls with increasing depth
(b)the pressure falls with increasing depth
(c)the temperature rises with increasing depth
(d)Both temperature and pressure fall with increasing depth

Answer is: C
19. Which is the second most abundant metal in the Earth's crust?
(a)Iron
(b)Aluminium
(c)Copper
(d)Zinc

Answer is: B
20. Earthquake is caused by
(a)disturbance of Earth surface
(b)adjustment of layers of Earth crust
(c)breakage of rock system
(d)upliftment of rocks

Answer is: A
21. Epicentre is concerned with
(a)earthquake
(b) volcano
(c)cyclone
(d)land-sliding

Answer is: A
22. Which scale is used to measure the magnitude of earthquake?
(a)Richter
(b)Mitric
(c)Centigrade
(d)Newton

Answer is: A
23. The world's most active volcano
(a)Cotopaxi
(b)Fujiyama
(c)Kilimanjaro
(d)Vesuvius

Answer is: C
24. Which one of the following African countries in not land locked?
(a)Benin
(b)Chad
(c)Lesotho
(d)Mali

Answer is: A
25. The island of Honshu is located in which one of the following country?
(a)Indonesia
(b)Malaysia
(c)Japan
(d)South Korea

Answer is: C
26. Which one of the following is produced by rain water action?
(a)Gorge
(b)Cliff
(c)Gully
(d) Dome

Answer is: C
27. Which one is the largest among the following deserts?
(a)Australian
(b)Gobi
(c) Kalahari
(d)Atacama

Answer is: A
28. Among the following sedimentary rocks, which one is of organic origin?
(a)Gypsum
(b)Limestone
(c) Nitre
(d)Rock Salt

Answer is: B
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29. Which one of the following cities is located on the bank of the Irrawaddy river?
(a)Bangkok
(b)Hanoi
(c)Manila
(d) Yangon

Answer is: D
30. Folding is the result of
(a)Epeirogenetic force
(b)Coriolis force
(c)Orogenetic force
(d)Exogenetic force

Answer is: C
31. Continents have drifted apart because of
(a)volcanic eruptions
(b)tectonic activities
(c)folding and faulting of rocks
(d)All of the above

Answer is: D
32. Which one of the following processes of weathering belongs to both mechanical and chemical weathering?
(a)Crystallization
(b)Exfoliation
(c)Hydration
(d)Carbonation

Answer is: C
33. Tae pacific island from New Guinea South Eastwards to the Fiji Islands group is called
(a)the Polynesia
(b)the Mellanesia
(c)the Micronesia
(d)the Australasia

Answer is: B
34. Which one among the following is the largest temperature desert of the world?
(a)Patagonian desert
(b)Taklamakan desert
(c)Iranian desert
(d)Turkmen desert

Answer is: B
35. In which one of the following countries is the volcano 'Guallatiri' located?
(a)Peru
(b)Chile
(c)Tanzania
(d)Ecuador

Answer is: A
36. Which one among the following rivers is the longest?
(a)Amazon
(b)Amur
(c) Congo
(d)Lena

Answer is: A
37. Which one of the following cities is associated with the river Mekong?
(a)Hong Kong
(b)Phnom-Penh
(c)Shanghai
(d)Yangon

Answer is: B
38. The place where the Blue Nile and White Nile effect a confluence is
(a)Port Said
(b)Cairo
(c)Khartoum
(d)Alexandria

Answer is: C
39. The Volta River Project is located in
(a)Nigeria
(b)Ghana
(c)Sudan
(d)Republic of Congo

Answer is: C
40. Which one of the following is generally found in sedimentary rocks?
(a)Basalt
(b)Silica
(c)Shale
(d)Magnesium

Answer is: B
41. Sunda Trench lies in
(a)Atlantic Ocean
(b)Pacific Ocean
(c)Indian Ocean
(d)Antarctic Ocean

Answer is: C
42. What is the name of the strait where 'Adams Bridge' is situated?
(a)Bering Strait
(b)Cook Strait
(c)Palk Strait
(d)Taiwan Strait

Answer is: C
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43. Which continent of the world does not have a desert?
(a)Australia
(b)Europe
(c)Asia
(d)North America

Answer is: B
44. In which one of the following regions are the Andes mountains located?
(a)East Europe
(b)West Europe
(c)South Africa
(d)South America

Answer is: D
45. Which one among the following is not a Baltic nation?
(a)Lativia
(b)Slovakia
(c) Lithuania
(d) Estonia

Answer is: B
46. Which one of the following countries does not have a border with China?
(a)Myanmar
(b)Afghanistan
(c)Thailand
(d)Kazakistan

Answer is: C
47. In which country is the active volcano Mount Merapi located?
(a)Philippines
(b)Japan
(c)Indonesia
(d)Italy

Answer is: C
48. The Broken Hills famous for zinc and lead are located in
(a)Turkey
(b)France
(c)Germany
(d)Australia

Answer is: D
49. What is the name given to an almost circular coral reef inside which there is a lagoon?
(a)Fringing reef
(b)Barrier reef
(c)Atoll
(d)Isthmus

Answer is: C
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50. The Great Barrier Reef is located in which country?
(a)Chile
(b)Australia
(c) USA
(d)Indonesia

Answer is: B
51. Which African country was originally known as Northern Rhodesia?
(a)Namibia
(b)Tanzania
(c)Zambia
(d)Zimbabwe

Answer is: C
52. Which one of the following cities is located on the banks of the river St Lawrence?
(a)Chicago
(b)Detroit
(c)Montreal
(d)Vancouver

Answer is: C
53. The waterfall 'Victoria' is associated with the river
(a)Amazon
(b)Missouri
(c)St Lawrence
(d)Zambezi

Answer is: D
54. The great Asian river Mekong does not run through
(a)China
(b)Malaysia
(c)Cambodia
(d)Laos

Answer is: B
55. The atmospheric layer closest to the Earth is
(a)Mesosphere
(b)Hydrosphere
(c)Troposphere
(d)Ionosphere

Answer is: C
56. Which one of the four regions above Earth has smallest height (km)?
(a)Stratosphere
(b)Mesosphere
(c)Thermosphere
(d)Troposphere

Answer is: D
57. Ozone layer in the outer atmosphere helps us in
(a)reflecting radio waves and makes radio communication possible
(b)regulating the temperature of atmosphere
(c)absorbing cosmic ray particles
(d)absorbing U-V radiations

Answer is: D
58. Troposphere is the hottest part of the atmosphere because
(a)it is closest to the Sun
(b)heat is generated in it
(c)it is heated by the Earth's surface
(d)There are charged particles in it

Answer is: C
59. The 'Ocean of Storms' is the name given to
(a)Atlantic Ocean
(b)Pacific Ocean
(c)A waterless area on moon surface
(d)None of the above

Answer is: C
60. The mass of water vapour per unit volume of air is known as
(a)relative humidity
(b) specific humidity
(c)absolute humidity
(d) variable humidity

Answer is: C
61. Which one of the following zones of the atmosphere is rich in ozone gas?
(a)Mesosphere
(b)Troposphere
(c)Stratosphere
(d)Ionosphere

Answer is: C
62. The 'Blue Moon' phenomenon occurs
(a)when two full Moons occur in the same month
(b)when four full Moons appear in two consecutive Months of the same calendar year
(c)when two full Moons appear in the same month thrice in a calendar year
(d)None of the above

Answer is: A
63. The inexhaustible source of energy of the stars is due to
(a)conversion of hydrogen to helium
(b)conversion of helium to hydrogen
(c)decay of redioactive elements
(d)excess of oxygen that helps burning and release of energy

Answer is: A
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64. Which one of the following represents the inner planets?
(a)Planets between the Sun and the Earth
(b)Planets between the Sun and the belt of asteroids
(c)Planets in gaseous state
(d)Planets without satellite(s)

Answer is: B
65. A very small, hot star, the last stage in the life cycle of a star like the Sun is
(a)Red Giant
(b)White Dwari
(c)Supernova
(d) Black Hole

Answer is: B
66. Which one of the following is an object with such a strong gravitational field that even light cannot escape from its surface?
(a) Neutron Star
(b)White Dwari
(c) Black Hole
(d)Supernova Star

Answer is: C
67. A storm of hot atoms which dissipates from the photosphere of the Sun, overcomes its gravity and goes into the outer space, is known as
(a)Solar flares
(b)Sun spots
(c)Solar fire
(d)None of these

Answer is: A
68. The only planet whose period of rotation is longer than the period of revolution around the Sun is
(a)Mercury
(b)Venus
(c)Mars
(d) Neptune

Answer is: B
69. Which of the following planets is called as the Red Planet due to its red appearance?
(a)Venus
(b)Earth
(c)Mars
(d)Pluto

Answer is: C
70. Which among the following planets is tilted at $23^{\circ}$ in the same way as the Earth, so experiences four seasons as Earth?
(a)Venus
(b)Mercury
(c) Jupiter
(d)Mars

Answer is: D
71. The Galilean moons (lo, Europa, Ganymede and Callisto) are the satellites of which of the following planets?
(a)Jupiter
(b)Saturn
(c)Uranus
(d)Nepture

Answer is: A
72. Which of the following planets is tilted at $90^{\circ}$, so it almost rolls around the Sun and hence it is also called as 'Lying planet'?
(a)Venus
(b)Jupiter
(c)Uranus
(d)Neptune

Answer is: C
73. Time taken by the Sun's light to reach Earth?
(a) 9 min
(b) 8 min 19 sec
(c) 10 min 8 sec
(d) 9 min 20 sec

Answer is: B
74. The tallest mountain on Earth from base to peak is
(a)Mt. Everest
(b)Mt. Kenya
(c)Mt. Cotopaxi
(d)Mt. Mauna Kea

Answer is: D
75. Which one of the planets is known as 'morning star' as well as 'evening star' because it is the first to appear in the evening and that last to disappear in the morning?
(a)Jupiter
(b)Mars
(c)Mercury
(d)Venus

Answer is: D
76. The surface temperature of the Sun is nearly
(a) 2000 K
(b) 4000 K
(c) 6000 K
(d) 8000 K

Answer is: C
77. If the Earth's axis were perpendicular to the plane of its orbit, which one among the following would not have happened?
(a)The North pole will always lie in dark
(b)Days and nights would be equal throughout the year
(c)No change of seasons will take place
(d)The Sun will be perpendicular to the equator

Answer is: A
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78. On the day the Sun is nearest to the Earth, the Earth is said to be in
(a)Perihelion
(b)Aphelion
(c)Perigee
(d)Apogee

Answer is: A
79. Consider the following statements

1. The Earth's rotation axis is not at 90 o to its orbital plane.
2. The Earth's rotation axis is inclined at 23.50o.

Which of the statements given above is/are correct?
(a)Only 1
(b)Only2
(c)Both 1 and 2
(d)Neither 1 nor 2

Answer is: C
80. Which one the following is different in local time between the places located at 1650 East and 1650 West?
(a) 0 hr
(b) 12 hr
(c) 22 hr
(d) 24 hr

Answer is: C
81. Which one of the following has geographical position of 0 latitude and 0 longitude?
(a)In the South Atlantic Ocean
(b)In the Mediterranean Sea
(c)In Ghana, a West African country
(d)At Greenwich Observatory in England

Answer is: A
82. 28.380 North and 77.12 o East are the respective latitude and longitude of which one of the following places?
(a)Jaipur
(b)Delhi
(c)Lucknow
(d)Allahabad

Answer is: B
83. Which one the following is correct?

The mean distance from the Sun to the Earth is called a/an
(a)Light year
(b)Parallactic second
(c)Astronomical Unit
(d)Angstrom

Answer is: C
84. June 21 is the longest day of the year for those living in the Northern hemisphere. What is the shortest day of the year for those living in the Southern hemisphere?
(a)March 21
(b)September 21
(c)December 21
(d)June 21

Answer is: A
85. Which one of the following is the time required for the Earth to return to a given point in its orbit with reference to fixed star?
(a)Lunar year
(b)Solar year
(c)Tropical year
(d)Sidereal year

Answer is: D
86. Most of the communication satellites today are placed in a geostationary orbit. In order to stay over the same spot on the Earth, a geostationary satellite has to be directly above the
(a)Tropic of Cancer
(b)Either North or South pole
(c) Equator
(d)Tropic of Capricorn

Answer is: C
87. It is the fifth largest planet. It formed around 4.5-4.6 billion years ago. Which planet are we talking about?
(a)Mars
(b) Earth
(c)Jupiter
(d)Venus

Answer is: A
88. We observe twinkling of stars due to
(a)Frequent and periodic fluctuation of temperature of the surface
(b)Constant change of refractive index of the medium between the stars and the Earth because of temperature variation
(c)Great distance of stars from the Earth
(d)Rise and fall of gaseous ball fire inside the stars

Answer is: B
89. Tropic of Cancer is 23.50 N latitude runs through

1. Mexico
2. Egypt
3. Saudi Arabia
4. India
(a) 1 and 2
(b)1, 2 and 3
(c)1, 2 and 4
(d)All of these

Answer is: D
90. If a solar eclipse occurs when moon is quite far from the Earth, the eclipse would be likely to be
(a)Annular
(b)Partial
(c)Total
(d)None of these

Answer is: A

## World Geography

Multiple Choice Questions MCQs
91. What can be the maximum duration of totality for a solar eclipse?
(a) 1 h 40 sec
(b) 7 min 40 sec
(c) 12.5 min
(d)These are no maximum duration

Answer is: B
92. A difference of 10 in longitude at the equator is equivalent to nearly
(a) 121 km
(b) 101 km
(c) 111.32 km
(d) 125 km

Answer is: C
93. Which comet appears every 76 years?
(a)Holme's
(b)Hailey's
(c)Alpha Centauri
(d)Donati's

Answer is: B
94. AN eclipse of the Sun, take place
(a)Once every five years
(b)When the Moon is full
(c)When the Earth is comes between the Sun and Moon
(d)When the Moon passes between the Sun and the Earth

Answer is: D
95. Which of the following do not belong to Solar System?
(a)Asteroids
(b)Comets
(c)Planets
(d)Nebuae

Answer is: D
96. Light from the nearest star reaches the Earth in
(a) $4-3 \mathrm{sec}$
(b) $4-3 \mathrm{~min}$
(c) 43 min
(d)4-3 years

Answer is: D
97. Which one among the following is called terrestrial planet?
(a)Mercury
(b) Jupiter
(c)Saturn
(d)Uranus

Answer is: A
98. In the structure of planet Earth, below the mantle, the core is mainly made up one of the following?
(a)Aluminium
(b)Chromium
(c)Iron
(d)Silicon

Answer is: C
99. The monster earthquake-cum-tsunami which hit Japan on 11 March, 2011 has moved the country's main island, Honshu, by about
(a)Two feet
(b)Three feet
(c)Five feet
(d)Eight feet

Answer is: D
100. The number of medial moraines on a valley glacier generally indicates the number of its
(a)Valley trains
(b)Terminal moraines
(c) Eskers
(d)Tributary glaciers

Answer is: B
101. A send deposit extending into the mouth of a bay is a
(a)Headland
(b)Sea stack
(c)Spit
(d)Berm

Answer is: A
102. Identify the wrong pair

Rock Metamorphic Equivalent
(a)Clay : Slate
(b)Granite : Gneiss
(c)Gabro : Serpenitne
(d)Sandstone : Marble

Answer is: A
103. The continuous distance that wind blows over a water surface is known as the
(a)Fetch
(b)Baymouth bar
(c)Beach
(d)Wave period

Answer is: B
104. What is the process that tends to build up the land surface by deposition of solid material in its lower areas, known as?
(a)Abrasion
(b)Agglomeration
(c)Aggradation
(d)Attrition

Answer is: B
105. Which one of the following countries is located South of the equator?
(a)Cameroon
(b)Sudan
(c)Nigeria
(d)Rwanda

Answer is: D
106. The weakest zone of Asthenosphere liekms, from the Earth's surface at roughly a depth of
(a) 100 km
(b) 200 km
(c) 300 km
(d) 400 km

Answer is: A
107. The most common and well-known-intrusive rock is
(a)Granite
(b)Basalt
(c) Gabbro
(d)Peridotite

Answer is: A
108. Which of the following trains/railways passes through Germany, France, Austria, Hungary and Romania?
(a)Trans-Siberian
(b)Cape-Cairot
(c)Orien Express
(d)Union and Central Pacific

Answer is: C
109. 'Mons Scale' is used to indicate the
(a)Dedree of viscosity of a liquid
(b)Degree of brittleness of a substance
(c)Degree of hardness of minerals
(d)Degree of elasticity of material

Answer is: B
110. Which one of the following is the highest plateau in the world?
(a)Colorado Plateau
(b)Pamir Plateau
(c)Patagonia Plateau
(d)Potwar Plateau

Answer is: B
111. Mid-Atlantic Ridge is an example of
(a)Constructive plate margin
(b)Destructive plate margin
(c)Conservative plate margin
(d)None of the above

Answer is: A
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112. Which one of the following projects of the NHPC (National Hydroeletric Power Corporation) has the largest power generation capacity (installed)?
(a)Baira-Siul
(b)Chamera-
(c)Loktak
(d)Sala

Answer is: D
113. Metamorphic rocks originate from
(a)Igneous rocks
(b)Sedimentray rocks
(c)Both igeous and sedimentray rocks
(d) None of the above

Answer is: B
114. How much of the Earth's land surface is desert?
(a) $1 / 10$ th
(b) $1 / 5$ th
(c) $1 / 3 \mathrm{rd}$
(d) $1 / 6$ th

Answer is: B
115. Which one of the following is the capital of Cambodia?
(a)Ho Chi Minh City
(b)Honai
(c)Semarang
(d)Phnom Pehn

Answer is: D
116. The two areas presently with continental glaciers are presently with continental glaciers are
(a)Glacier National Park/Waterton Lakes National park
(b)Antarctica/Greenland
(c)Norway/Sweden
(d)Canada/Siberia

Answer is: C
117. A glacially transported boulder now resting in an area far from its source is a glacial
(a) Kame
(b)Fiord
(c) Erratic
(d)Esker

Answer is: B
118. Through which one of the following groups of countries does the Equator pass?
(a)Brazil, Zabima and Malaysia
(b)Colombia, Kenya and Indonesia
(c)Brazil, Sudan and Malasiya
(d)Venezuela, Ethiopia and Indonesia

Answer is: B
119. Other than India and China, which one of the following groups of countries border Myanmar?
(a)Bangladesh, Thailand and Vietnam
(b)Cambodia, Laos and Malasiya
(c)Thailand, vietnam and Malasiya
(d)Thailand, Laos and Bangladesh

Answer is: D
120. The air that descends on a rain-shadow desert is
(a)Warm and moist
(b)Cold and dry
(c)Warm and dry
(d)Cold and moist

Answer is: C
121. All processes that move, elevate or build up portions of the Earth's crust come under
(a)Orongenic processes
(b)Epeirogenic processes
(c)Diastrophism
(d)Volcanism

Answer is: C
122. Which one of the following features does not occur underground in a karst topography region?
(a)Stalagmite
(b)Lake
(c) Grike
(d)Cavern

Answer is: A
123. Which one of the following is the type of plate boundary of the Indian plate along the Himalayan mountains?
(a)Ocean-continent convergence
(b)Divergent boundary
(c)Transform boundary
(d)Continent-continent convergence

Answer is: C
124. Which one of the following lakes is not permanent?
(a)Cieque Lake
(b)Playa
(c)Caldera
(d)Ox Bow Lake

Answer is: C
125. Which one among the following scales is used for measuring the intensity of the Earthquake?
(a)Rossy Ferrel
(b)Mercalli Scale
(c)Rictor Scale
(d)Both 'b' and 'c'

Answer is: D
126. Which one of the following is a depositional landform?
(a)Sea cave
(b)Baymouth bar
(c)Marine terrace
(d)Wave base

Answer is: B
127. The composition of the universe has been changing since the Big Bang yet $98 \%$ of it by weight still consists of the elements
(a)Carbon and nitrogen
(b)Silicon and potassium
(c)Oxygen and carbon dioxide
(d)None of the above

Answer is: D
128. Alluvial fans may coalesce to form
(a)Playas
(b)Bajadas
(c)Inselbergs
(d)Both 'a' and 'b'

Answer is: A
129. Rocks resulting from the crystallization of magma are
(a)Igneous
(b)Metamorphic
(c)Senimentary
(d)Migmatities

Answer is: A
130. Which one of the following is an example of a divergent plate boundary?
(a)Continental drift
(b)Uniformitarianism
(c)Earth systems
(d)plate tectonics

Answer is: C
131. The process by which the steep back wall of cirque is formed is called
(a)Vertical erosion
(b)Attrition
(c)Abrasion
(d)Plucking

Answer is: D
132. The major mountain systems like the Andes or the Rockies form
(a)I Order Relief Feature
(b)II Order Relief Feature
(c)III Order Relief Feature
(d)IV Order Relief Feature

Answer is: B
133. The 2024 Tsunami was the result of
(a)Subduction of Indian plate below the Eurasian plate
(b)Subduction of Indian plate below the Burmese plate
(c)Subduction of Eurasian plate below the Indian plate
(d)Subduction of Burmese plate below the Indian plate

Answer is: B

