BA ADMINISTRATION AND GOVERNANCE FIRST SEMESTER [REPEAT] FUNDAMENTALS OF GEOGRAPHY BAAG – 103 [USE OMR SHEET FOR OBJECTIVE PART]

2023/01 SET A

Duration: 3 hrs.

Objective

Time: 30 mins.

Full Marks: 70

Marks: 20 1 ×20=20

Choose the correct answer from the following:

1. Which one of the following scholars coined the term 'Geography'?

a. Herodotus

b. Galileo

c. Erathosthenese

d. Aristotle

Make correct pairs from the following two columns and mark the correct Option.

1. Meteorology

A. Population Geography

2. Demography

B. Soil Geography

3. Sociology

C. Climatology D. Social Geography

4. Pedology a. 1B,2C,3A,4D

b. 1D,2B,3C,4A

c. 1A,2D,3B,4C

d. 1C,2A,3D,4B

3. Life on the earth appeared around how many years before the present?

a. 13.7 billion

b. 4.6 billion

c. 3.8 million

d. 3.8 billion

4. Which one of the following earthquake waves is more destructive?

a. P-waves

b. Surface waves

c. S-waves

- d. None of the above
- 5. Which one of the following facts was not considered by those while discussing the concept of sea floor spreading?
 - Volcanic activity along the midoceanic ridges.
- magnetic field observed in rocks of ocean floor.
- Distribution of fossils in different continents.
- d. Age of rocks from the ocean floor.

b. Stripes of normal and reverse

- 6. 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
- 7. The pressure conditions over the Pacific Ocean and Indian ocean affect the monsoons. In this context, consider the following statements:
 - If the pressure difference between Tahiti in the Pacific Ocean and Darwin in the Indian ocean is negative, it would mean a good monsoon season in India.
 - 2. The El Nino event is often associated with delays in the Southwest Monsoon.

Which of the statements given above is/are correct?

a. 1 only

b. 2 only

c. Both 1 and 2 d. Neither 1 nor 2

8. Moisture laden wind coming from Arabian Sea hits at the ranges of Western Ghats which runs across the western coast. This moist air is forced to ascend a mountain barrier. On the windward slopes of the Western Ghats, the air is compelled to rise and thereby cooled by expansion in higher altitudes until the air is completely saturated and eventually resulting in rainfall. Identify the type of precipitation mentioned in the passage given above?

a. Convectional Rainfall

b. Orographic Rainfall

c. Frontal Rainfall

d. Cyclonic Rainfall

- 9. Consider the following statements about the exfoliation:
 - 1. It is a result of weathering.
 - 2. Exfoliation domes are generally formed in dry climate and high elevations areas.
 - 3. Exfoliation tors are formed due to continuous unloading and expansion of rocks.

Which of the statements given above is/are correct?

a. 1 onlyc. 1, 2 and 3

b. 2 and 3 only

d. 2 only

10. Consider the following statements about the weathering:

1. A very little or no motion of materials takes place in weathering.

- 2. Carbonation is a common process of breaking down feldspars and carbonate
- Physical weathering processes are caused by thermal expansion and pressure release.

Which of the statements given above are correct?

a. 1 and 3 only

b. 1, 2 and 3

c. 2 and 3 only

d. 1 and 2 only

- 11. Consider the following statements regarding the interior of the earth:
 - 1. Nickel and iron are the main mineral constituents of the earth's crust.
 - 2. Asthenosphere is a mechanically weak zone of molten rock in the upper mantle of Earth.
 - 3. The core is made up of material mostly constituted by silica and alumina.

Which of the statements given above is/are not correct?

a. 1 and 2 only

b. 2 only

c. 1 and 3 only

d. 1, 2 and 3

- 12. Consider the following statements with respect to Inter-Tropical Convergence Zone (ITCZ):
 - 1. ITCZ is a low-pressure zone that moves with the apparent movement of the sun.
 - Tropical Cyclones paths over India are mainly determined by the position of ITCZ.

Which of the statements given above are correct?

a. 1 only

b. 2 only

c. Both 1 and 2

d. Neither 1 nor 2

13.	 Revolution of the earth Rotation of the earth Earth's tilted axis 	e(s) or changes in the seasons?
	Select the correct answer using the code given below.	
	a. 1 and 2 only	b. 3 only
	c. 1 and 3 only	d. 1, 2 and 3
14.	Which of the following statements is/are correct regarding the Earth's Crust? 1. Crust is the outermost solid part of the earth. 2. Oceanic crust is thinner as compared to continental crust.	
	3. Continental crust is denser than oceanic crust.	
	Select the correct answer using the code given below.	
	a. 1 and 2 only	b. 2 and 3 only
	c. 1 only	d. 1, 2 and 3
15.	With reference to the characteristics of Troposphere, consider the following statements:	
	 Thickness of the troposphere is his equator. 	ghest at the equator due to low gravity at the
	2. Temperature of tropopause at poles is higher than the equator.	
	Which of the statements given above is/are correct?	
	a. 1 only	b. 2 only
	c. Both 1 and 2	d. Neither 1 nor 2
16.	onsider the following statements: The point where the energy is released during an earthquake is called the epicenter.	
	2. Tsunami would occur only if the epicenter of the tremor is below oceanic waters Which of the statements given above is/are correct?	
	a. 1 only	b. 2 only
	c. Both 1 and 2	d. Neither 1 nor 2
17.	Which of the following pressure belt is	s thermally induced?
	a. Sub-tropical high pressure belt	b. Equatorial low pressure belt
	c. Sub-polar low pressure belt	d. Both (a) and (c)
18.	The process of removing, lifting and blowing away dry and loose particles of sands and dusts by wind is called	
	a. Deflation	b. Abrasion
	c. Attrition	d. Corrosion
19.	Which of the following sand dunes have two horns?	
	a. Nebkha	b. Barkhan
	c Soif	d. Transverse sand dunes

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20. Which of the following landforms is form due to the deposition of Glacier?
a. Crag and Tail
b. Col
c. Arete
d. Drumlins

Descriptive

Marks:50 Time: 2 Hr. 30 Mins. [Answer question no.1 & any four (4) from the rest] 10 1. Discuss in details the features formed by erosional and depositional work of Glaciers 2. Explain the influence of jet streams over south-west monsoons in India 10 10 3. What are the different types of rainfall. Explain the factors associated 4. Discuss in detail the currents of the Pacific Ocean and illustrate your 7+3=10 answer with the help of a sketch map. 10 5. Discuss in details the Normal Cycle of Erosion. 6. Describe in detail the work of running water in the development of 10 landforms. Give example 7. Distinguish between Endogenetic and Exogenetic forces and describe 5+5=10 briefly the Endogenetic forces. 5+5=10 8. Write Short notes on: (Amy Two) Continental Drift Theory Coral Reefs: Formation & Classification b) Hydrological Cycle c) d) Plate Tectonic

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