

GEOGRAPHY

TIME ALLOWED: THREE HOURS	(PART-I MCQs) MAXIMUM MARKS: 20
PART-I (MCQs): MAXIMUM 30 MINUTES	(PART-II) MAXIMUM MARKS: 80
NOTE: (i) First attempt PART-I (MCQs) on separate OMR Answer Sheet which shall be taken back after 30 minutes . (ii) Overwriting/cutting of the options/answers will not be given credit. (iii) There is no negative marking. All MCQs must be attempted.	

PART-I (MCQs) COMPULSORY

Q.1. (i) Select the best option/answer and fill in the appropriate Box ☐ on the **OMR Answer Sheet. (20x1=20)**
(ii) Answers given anywhere other than OMR Answer Sheet shall not be considered.

- Under which wind system does the direction of winds change daily.**
(A) Trade winds (B) Monsoon winds (C) Land and sea breeze (D) None of these
- The ____ is the chemical breakdown of a compound due to reaction with water.**
(A) Hydration (B) Oxidation (C) Hydrolysis (D) None of these
- The _____ is an amphitheater-like valley formed by glacial erosion.**
(A) Cirque (B) Kettle (C) Esker (D) None of these
- Which one of the following is a depositional landform of river?**
(A) Alluvial Fans (B) Waterfall (C) Potholes (D) None of these
- GIS deals with which kind of data?**
(A) Numeric data (B) Binary data (C) Spatial data (D) None of these
- Which of the following has been the oldest remote sensing Programme?**
(A) NOAA (B) LANDSAT (C) SPOT (D) None of these
- UTM stands for:**
(A) Unified Transverse Mercator (B) Universal Transverse Mercator
(C) Unified threat management (D) None of these
- What is "Metadata"?**
(A) Data about data (B) Meteorological data (C) Oceanic data (D) None of these
- The coarse particles or solidified lava are called volcanic:**
(A) Bombs (B) Ash (C) Dust (D) None of these.
- Moraine dragged along the sides of a glacier is called:**
(A) Lateral (B) Medial (C) Ground (D) None of these
- There are no glaciers in: — E LEARNING —**
(A) Australia (B) Asia (C) Europe (D) None of these
- The extent of open water over which wave-producing winds blow is called:**
(A) Fetch (B) Wavelength (C) Period (D) None of these
- The colour of a star is an indication of it's:**
(A) Size (B) Distance away (C) Surface temperature (D) None of these
- The point in the sky directly over the observer is called:**
(A) Horizon (B) Zenith (C) Aphelion (D) None of these
- Convection currents are found in:**
(A) Troposphere (B) Stratosphere (C) Ionosphere (D) None of these
- The process involved in Himalayan orogeny is:**
(A) Volcanism (B) Plate convergence (C) Plate divergence (D) None of these
- Fossils are never found in:**
(A) Shale (B) Granite (C) Sandstone (D) None of these
- Natural levees are associated with:**
(A) Alluvial fans (B) Flood plains (C) Deltas (D) None of these
- Grand Banks is situated in:**
(A) NE North America (B) NW Europe (C) East Asia (D) None of these
- "Spatial databases" are also known as:**
(A) Geodatabases (B) Mono-databases (C) Concurrent databases (D) None of these

PART – II

- NOTE:** (i) **Part-II** is to be attempted on the separate **Answer Book**.
(ii) Attempt **ONLY FOUR** questions from **PART-II** by selecting **TWO** questions from **EACH SECTION**. **ALL** questions carry **EQUAL** marks.
(iii) All the parts (if any) of each Question must be attempted at one place instead of at different places.
(iv) Write Q. No. in the Answer Book in accordance with Q. No. in the Q.Paper.
(v) No Page/Space be left blank between the answers. All the blank pages of Answer Book must be crossed.
(vi) Extra attempt of any question or any part of the question will not be considered.

SECTION – I

- Q. No. 2.** Discuss the erosional and depositional landforms made by glacier. (20)
- Q. No. 3.** Discuss the forces and factors that determine the movement, direction and nature of Ocean Currents. (20)
- Q. No. 4.** Explain various stages of development of Tropical Cyclones and weather patterns associated with it. (20)
- Q. No. 5.** How does Pakistan's geographic location contribute to its vulnerability to natural disasters? (20)

SECTION – II

- Q. No. 6.** Critically evaluate the impact of climate change on agriculture. (20)
- Q. No. 7.** Discuss the main factors responsible for World Population distribution. (20)
- Q. No. 8.** Write Short Notes on any **TWO** of the following: (10 each) (20)
- i. Air masses
 - ii. Adiabatic lapse rate and Inversion of Temperature
 - iii. Types of settlements
