

**UNIVERSITY OF BALOCHISTAN QUETTA**  
**MA / MSc ( ANNUAL) EXAMINATION .2014.**

- Attention:- 1- Possession & Use of mobiles & other electronic accessories are strictly prohibited .  
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Subject:-

**Geography**  
**Regional Planning**

Paper:- IX (Final)

Time Allowed :- 3 Hours

Max : Marks : 100

**Note** :- Attempt any Five Questions in All But Question No. 1- in section -I is compulsory and the time for Section- I is only 40 Minutes. After Expiry of the Time paper should be handed over to the supervisory staff.

**SECTION -I (OBJECTIVE PORTION 20 MARKS )**

Attempt any 20 questions out of the following. All questions carry equal marks.

Q. I

1. Regional planning is a.....?
2. Named two types of regions.....?
3. write three types of planning.....?
4. Von Thunen's model name.....?
5. The growth pole Theory was presented by.....?
6. Define land use.....?
7. Primary information's mean.....?
8. Infrastructure are including i.....ii.....iii.....?
9. Enlist the names of three types of basic surveys.....?
10. How you will define the socio-economic survey.....?
11. C. Christaller was belong to.....?
12. Write only 5 planning steps in regional planning.....?
13. Define the secondary source of data.....?
14. What do you meant by economic health.....?
15. The Term "Poor and Rich area" in Regional planning defines?
16. What type of planning we need in Balochistan?
17. Named 5 major resources of Balochistan?
18. Presently how many districts of Balochistan.....?
19. First five years plan was formulated in year 19.....?
20. Write the year of last population census in the country.....?
21. Integrated development planning was started during.....government?
22. Enlist four major agriculture problems in Pakistan.....?

**SECTION -II ( SUBJECTIVE PORTION 80 MARKS ) TIME ALLOWED 2:20**

**Attempt any Four (04) questions.**

- Q. II The role of regional planning in the development of a country discuss?
- Q. III Briefly explain the "C. Christaller Central Place Model"?
- Q. IV Explain in detail "the Economic Base Concept"?
- Q. V How many types of surveys we use for the collection of various information discuss each
- Q. VI What are the planning processes write each step in detail?
- Q. VII Write a short note on three of the following:
  - i Regionalization methods
  - ii Basic needs
  - iii Sectorial Plan
  - iv Growth Pole Theory
  - v National Planning

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Subject: **GEOGRPAHY: Environmental Planning & Management**

Paper: X (Old)

Time Allowed: 03 Hours

Max: Marks: 100

NOTE: Question No. 1 is Compulsory, which will be handed over within 40 minutes, carrying 20 Marks. From Section – II, Attempt only 04 Questions. All Carry equal marks.

**Section – I**

Q.1. Attempt only 20 of the following.

- a. There are \_\_\_\_\_ components of environmental Management.
- b. Planning has \_\_\_\_\_ main objectives.
- c. Biotic resources are also termed as analogical resource T/F
- d. IPCC stands for \_\_\_\_\_
- e. Koyoto protocol was held in \_\_\_\_\_
- f. The European Union block also known as \_\_\_\_\_
- g. The concept of sustainable development was introducing in the conference held at  
i. Geneva, ii. Stockholm iii. Rio-De-Janeiro iv. Jenova
- i. UNEP stands for \_\_\_\_\_
- j. Prestige of environmental improvement is characterized by \_\_\_\_\_ towards environment problems. i. Serious public attention ii. No public attention iii. 50% public attention iv. Skilled Personnel attention.
- k. Resources are divided into mainly into \_\_\_\_\_ types i. Three ii. Six iii. Two iv. Five
- l. The catastrophe of nuclear disaster occurred at Chernobyl in \_\_\_\_\_  
i. Tajikistan ii. Russia iii. France iv. Ukraine.
- m. Environment is Nature's laboratory for experiments on ecological succession and organic evolution. True / False
- n. A man who derives and utilizes resources from the physical and biotic environment with its skill and technologies is termed as \_\_\_\_\_ man.
- o. We are the offspring of history, and must establish our own paths in this most diverse and interesting of conceivable universes quoted by i. Rostow ii. Gould iii. William
- p. Copernicus presented Sun Centred Cosmological view in i.1872 ii. 1542 iii. 1545 iv. 1543
- q. Vienna Convention was held for the protection and maintenance of ozone layer. F / T
- r. Second Earth Summit was held in i. Bon ii. Geneva iii. Ottawa iv. New York
- s. Measures taken for enhancement of environmental quality is called Reactive planning F / T
- t. Environmental Management based on \_\_\_\_\_ Principles. i. Three ii. Seven iii. Four iv. Five
- u. TPO stands for \_\_\_\_\_
- v. Colorful view of Environment was presented by i. Gould ii. Darwin iii. Lovins iv. Rachel
- w. E.C. Semple was a pupil of i. Darwin ii. Lovins iii. Ratzel iv. Von Humboldt
- x. Control of nature on man is the theory of i. Possibilism ii. Natural Selection  
iii. Automation iv. Environmental Determinism

**Section- II**

**Attempt any 4 Questions of the following**

2. What is sustainable development? Briefly discuss its elements, principles and policy guidelines.
3. Identify & evaluate the various approaches of man-environment relationships.
4. Why Agenda 21 is considered as complete document for saving the mother earth?
5. Briefly discuss the triangle interaction of environment, resources & society.
6. Planners are considered as public property discuss.
7. Write note on any two of the following.  
ii. Kyoto Protocol  
iii. NGOs role  
iv. Carrying Capacity.
8. Planning process is inevitable for development. Also enlist the constraints and propelling issues in planning process. Do you think that we are in the stage to follow the models of developed countries? Discuss.
9. Critically evaluate various environmental problems and their possible solution in global scenario.



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Subject:-

**GEOGRAPHY**

Paper:- VIII(Final)

**Geographic Information System**

Time Allowed :- 3 Hours

Max : Marks : 100

**Note** :- Attempt any Five Questions in All But Question No. 1- in section -I is compulsory and the time for Section- I is only 40 Minutes. After Expiry of the Time paper should be handed over to the supervisory staff.

**SECTION -I (OBJECTIVE PORTION 20 MARKS )**

**I Answer the following objective questions.**

1. What is RS, mention only in one line?
2. Name only one major attribute of vector data.
3. Name only one major attribute of raster data.
4. Define a pixel.
5. What is AVHRR stands for.
6. Mention in one line, what photogrammetry is?
7. Name at least two analogue images.
8. Differentiate between spatial and radiometric resolutions in RS just in one line.
9. Write full name of 'Bit'.
10. Name at least three components of GIS database.
11. What type of data obtains from scanned documents?
12. If you put color in one polygon, the other polygon will be affected, yes or no.
13. Define datum at least in one line.
14. Can we digitize contours from a toposheet on to a GIS-map, yes or no?
15. Define in one line that what digitization is?
16. Write one line about the shape file in GIS.
17. Name three 'major displays' of data on a GIS-map.
18. A grey tone map prepared in Arc-GIS can be converted into colored map, Yes or No.
19. What UTM stands for?
20. What MODIS stands for?

**SECTION -II (SUBJECTIVE PORTION 80 MARKS ) TIME ALLOWED 2:20**

**Attempt any Four (04) questions.**

- II Explain the various image correction methods.
- III Discuss GIS as emerging science for modeling of spatial information.
- IV Discuss projected coordinate reference systems highlight its main features.
- V Discuss critically various characteristics of vector and raster data formats.
- VI Digitization is integral part of map making in GIS, explain the process of digitization step by step.
- VII Explain, how GPS is functioning also discuss its scope and applications in detail.
- VIII Explain the role of GIS in Public Policy making support your inference by quoting examples.
- IX Wright short notes on any two of the following.
  - (i) Geo-referencing.
  - (ii) GIS as integral part of Geography.
  - (iii) Write a comprehensive note on RS

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disqualified for the said paper .

Subject:- GEOGRAPHY  
Population Geography

Paper:-X (Final) New

Time Allowed :- 3 Hours

Max : Marks : 100

**NOTE:** Attempt **FIVE** questions including Question No.1, which is compulsory carrying 20 marks. This will be handed over to the examiner within first 40 minutes. From Section-II attempt any **FOUR** questions carrying equal marks.

SECTION-I

Answer any five questions including compulsory question No. I. Time Allowed: 3 Hours

I Answer the following objective questions in its due time.

1. Define demography in one line
2. Dependency ratio is high or low in developing countries.
3. Population pyramid depicts .....
4. Density of population is.....
5. Name just three characteristics of population in developed countries.
6. Mention in few words that why mostly mother health is weak in Pakistan?
7. Over population means .....
8. Under population region is.....
9. Fertility rate is defined as.....
10. What is sex ratio in Pakistan.....
11. Define fecundity in one line.
12. Mortality rate is high or low in LDCs.
13. Infant mortality is high or low in LDCs.
14. Canada is over populated yes or no.
15. Internal migration is .....
16. Skilled labour is.....
17. Name the district with highest population density in Pakistan.
18. Demographic transition refers to .....
19. Polygamy means.....
20. When last population census was conducted in Pakistan?

Subjective Part

- II Explain the population distribution in Pakistan.
- III Discuss the demographic transition theory in detail.
- IV Write a comprehensive essay on human resources development.
- V Compare the characteristics of rural and urban population.
- VI Explain the population composition in third world countries support your argument by examples.
- VII Discuss the scope and status of Population Geography.
- VIII Discuss Malthusian Theory critically.
- IX Explain that population study is essential for future policy making and sustainable development.

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Subject:- **GEOGRAPHY**  
**Climatology and Oceanography**

Paper:- **II Prev New**  
**III Prev Old**  
Max : Marks : 100

Time Allowed :- 3 Hours

**Note** :- Attempt any Five Questions in All But Question No. 1- in section -I is compulsory and the time for Section- I is only 40 Minutes. After Expiry of the Time paper should be handed over to the supervisory staff.

**SECTION -I (OBJECTIVE PORTION 20 MARKS )**

I. Define, name, mention or state your answer in one or two lines comprehensively.

1. Define climate.
2. Define weather.
3. What is ITCZ?
4. Name at least four factors of climate.
5. Name green house gases
6. Name the layers of climate regarding its structure based on temperature.
7. What is dew point.
8. Mention major forms of precipitation.
9. Name major parameters on which the Koppen climate system is based.
10. Give two attributes of cirrus and cumulus clouds.
11. Mention at least two characteristics stratus clouds.
12. What is meant by monthly average temperature?
13. In which atmospheric layer most of the weight lies.
14. Define cyclone.
15. Define isotherm.
16. what is dew point?
17. What is continental shelf?
18. Define sea salinity?
19. Name parts of deep sea floor?
20. What is breaker?

**SECTION -II( SUBJECTIVE PORTION 80 MARKS ) TIME ALLOWED 2:20**

**Part I (attempt any three questions)**

- II Explain the formation and associated phenomenon of a thunderstorm cell.
- III Explain various types of fronts and associated weather.
- IV What is the significance of Koppen Scheme of Climate System and discuss its classification critically.
- V What is relative humidity, how is it significant in the weather process.
- VI Discuss the spatial distribution of global surface air temperature.
- VII Write comprehensive notes on any two of the following
  - i) Global pressure system.
  - ii) Clouds classification.
  - iv) Global wind system?

**Part II (attempt only one question)**

- VIII Discuss the distribution of salinity in the world's oceans.
- IX Explain the ocean current formation and highlight the currents of Atlantic Ocean.

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Subject: **GEOGRAPHY:** Geography of Settlement

Paper W *Past Now*  
*V Past Old*

Time Allowed 3 Hours

Maximum marks 100

**Note:** Attempt any Five questions in all including question No. 1 which is compulsory. Time for question No.1 is only 40 minutes. After 40 minutes this section of the paper should be handed over to the supervisory staff.

**Section I**

**Q1. Attempt any 20 questions out of the followings. All questions carry equal marks.**

1. Settlement Geography is a branch of \_\_\_\_\_
2. Defensive settlements are usually found in the \_\_\_\_\_ areas of Pakistan.
3. Urbanization rate is the \_\_\_\_\_
4. SMSAs stands for \_\_\_\_\_
5. American city: An Urban Geography is written by \_\_\_\_\_
6. In Pakistan SHANTY towns are known as \_\_\_\_\_
7. Site refers to \_\_\_\_\_
8. Islamabad and Mirpur Khas both are \_\_\_\_\_
9. For the first time the word Megalopolis was used by \_\_\_\_\_
10. All the factors attracting the rural people to the urban areas are called \_\_\_\_\_ factors.
11. Calcutta was established by the \_\_\_\_\_
12. Jerusalem has been sited on \_\_\_\_\_
13. Islamabad was designed by a \_\_\_\_\_ architect
14. Multiple Nuclei concept has been presented by \_\_\_\_\_
15. Mohenjo Daro was a \_\_\_\_\_
16. In developing countries the main contributor to urbanization is \_\_\_\_\_
17. In Pakistan majority of the people are living in the \_\_\_\_\_
18. London and Paris both are sited on \_\_\_\_\_
19. CBD is the abbreviation of \_\_\_\_\_
20. The theory of isolated was presented by \_\_\_\_\_
21. In the central place system K3 principle is also known as \_\_\_\_\_
22. The principal assumption of central place theory is \_\_\_\_\_
23. Central Place theory was presented by \_\_\_\_\_
24. The intensity of land uses \_\_\_\_\_ from the centre of the city
25. Sector theory exclusively deals with \_\_\_\_\_
26. Concentric zone theory was presented by \_\_\_\_\_
27. There are \_\_\_\_\_ stages in Urbanization
28. Counter Urbanization means \_\_\_\_\_
29. Harrapa is located in \_\_\_\_\_ Province
30. Commuter are those people who \_\_\_\_\_

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- 2- In case your answer book carried undue identification marks, it may be disqualified for evaluation and reward.
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MA/M.Sc. (ANNUAL) EXAMINATION, 2014  
GEOGRAPHY PAPER I (NEW) PAPER II (OLD)  
GEO MORPHOLOGY

Time Allowed: 03 hours

Max. Marks: 100

**Note:** Question No. 1 is compulsory, which has to be solved and submitted within the first 40 minutes. Of the rest, attempt any four questions; all carry equal marks.

Section A: (marks: 20/ time: 40 minutes)

**Q.1.** Attempt all the sub-questions by suitable answers for each and every:

- i. Define the subject of geomorphology.
- ii. Enlist any four landforms found in a river's middle course.
- iii. Oxidation is a type of .....weathering, and the frost wedging a type of .....weathering.
- iv. What do you mean by a peneplain?
- v. Differentiate between erosion and weathering.
- vi. Cirque is a landform made by ..... a. winds b. river c. glacier
- vii. What is the parent material of igneous rocks?
- viii. Which layer of the Earth is the thickest? a. crust b. mantle c. core
- ix. The main driving force of mass wasting processes is .....
- x. What are "sial" and "sima", and what do they constitute?

Section B: (marks: 80/ time: 2hrs, 20 minutes)

- Q.2. Describe the major drainage patterns.
- Q.3. Give an account of the desert landforms.
- Q.4. Define "geomorphic processes", and classify these in the form of a scheme chart.
- Q.5. Discuss the nature, causes, and distribution of earthquakes.
- Q.6. Define "soil", and explain the factors of soil formation.
- Q.7. Describe the erosional mechanics and erosional landforms of a mountain glacier.
- Q.8. Write short notes on any two of the following:
- a. Scope of geomorphology
  - b. Karst Topography
  - c. Mass-Wasting



## Section II

Time Allowed 2:20 Hours

Maximum marks 80

**Note: Attempt any FOUR questions from this section. All questions carry equal marks**

- Q 2. Describe in detail the scope and status of Settlement Geography.
- Q 3. What is Urbanization? Briefly discuss the problem associated with it.
- Q 4. How cities are classified? Critically evaluate Nelson classification of American Cities.
- Q 5. Define Urban Structure. Discuss the Concentric Zone Theory in detail.
- Q 6. What do you know about Urban Economic Base. Write a brief note on the application of this Concept.
- Q 7. Rural Urban Migration plays a major role in urban development in the third world countries. Explain this statement with reference to the development of Quetta city.
- Q 8. What is Rank Size Rule? Discuss the factors which are responsible for the development of Rank Size Rule in any region.
- Q 9. Differentiate between Slums and Squatter settlements and briefly enumerate the causes of Squatter settlements.
- Q 10. Write Short Notes on any **TWO** of the followings:
- a. Primate City Distribution
  - b. Satellite Town
  - c. Sector Theory
  - d. Central Place Theory



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**Subject: Geography Paper: Geography of Pakistan Paper:IV(Old), Paper:III New (Prev)**

**Time Allowed: 3 hours**

**Total Marks: 100**

**Note: Question No 1 is compulsory, which will be handed over within 40 minutes carrying 20 marks. Attempt three questions from part-I and one from part-II, carrying equal marks.**

**Section-I (Question No.1)**

- i. Godwin Austen (K2) is located in Karakoram/ Himalayas/ Hindukush ranges.
- ii. Karakoram highway connects Pakistan with Afghanistan / china / Iran.
- iii. Margala Hills lies in the north of Peshawar/ Abbottabad/ Islamabad.
- iv. Monsoon rainfall in Pakistan takes place in winter/ summer/ spring.
- v. Chashma barrage is located on river Jhelum/Chenab/Indus.
- vi. ECO stand for \_\_\_\_\_.
- vii. Faisalabad is known for \_\_\_\_\_.
- viii. In Pakistan \_\_\_\_\_ is the main tobacco growing region.
- ix. OIC stand for \_\_\_\_\_.
- x. In Pakistan \_\_\_\_\_ station receive lowest rainfall.
- xi. In Pakistan the highest rainfall is received by \_\_\_\_\_ met station.
- xii. Province-wise, \_\_\_\_\_ has the highest percentage under forest cover.
- xiii. In Pakistan, \_\_\_\_\_ is the third largest city in terms of population.
- xiv. Kewra mine is in \_\_\_\_\_ ranges.
- xv. OGDC stands for \_\_\_\_\_.
- xvi. Rawal Dam is located in \_\_\_\_\_ area.
- xvii. Shandur Pass connects \_\_\_\_\_ with \_\_\_\_\_.
- xviii. Thal area is located in \_\_\_\_\_ province.
- xix. The largest area of coniferous forest lies in \_\_\_\_\_ province.
- xx. The population of Pakistan has grown at a rate of \_\_\_\_\_% per annum during 1981 to 1998 census.

**Part-I**

2. What are the major cash crops of Pakistan? Discuss.
3. Discuss the physiographic regions of Pakistan in detail.
4. Why rainfall is unevenly occurring in Pakistan. Elaborate your answer with proper justification.
5. Critically analyse the growth and distribution of population in Pakistan
6. Explain in detail the cotton textile industry in Pakistan.
7. Write short notes on any two of the following:
  - i. SAARC
  - ii. OIC
  - iii. ECO

**Part-II**

8. Write a comprehensive note on the Baluchistan Plateau.
9. Discuss the Climate of Baluchistan.

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Subject:- **GEOGRAPHY**  
**Economic Geography**

Paper:- V (Prev) New  
VI(Prev) Old  
Max : Marks : 100

Time Allowed :- 3 Hours

**Note** :- Attempt any Five Questions in All But Question No. 1- in section -I is compulsory and the time for Section- I is only 40 Minutes. After Expiry of the Time paper should be handed over to the supervisory staff.

**SECTION -I (OBJECTIVE PORTION 20 MARKS)**

Q1. Give brief answer to the following 10 sub-questions:

- i. What is the difference between physical and cultural environment?
- ii. What is shifting agriculture?
- iii. What is meant by the term blue-collar?
- iv. What is the difference between mineral and non-mineral power resources?
- v. What is demographic transition?
- vi. What is bilateral trade?
- vii. What are the major crops of plantation agriculture?
- viii. What is the difference between optimum population and under population?
- ix. What is the difference between intensive and extensive agriculture?
- x. What is livestock ranching?

**SECTION -II( SUBJECTIVE PORTION 80 MARKS ) TIME ALLOWED 2:20**

**Attempt any Four (04) questions.**

- Q 2. Explain the scope, significance and relationship of economic geography with other subjects.
- Q 3. Write an essay on fishing activity of the world.
- Q 4. Explain the significance and world distribution of forest resources.
- Q 5. Classify power resources and also examine the world distribution of either coal or petroleum.
- Q 6. Critically examine the Alfred Weber theory of industrial location.
- Q 7. Write a detailed not on the world distribution and production of cotton.
- Q 8. Examine the world distribution of population in the light of various geographic factors.
- Q 9. What are the different types of manufacturing? Also discuss the importance of this secondary economic activity.
- Q 10. Write an essay on the world trade pattern.