

KATHMANDU UNIVERSITY
End Semester Examination
July/August, 2024

Marks Scored:

Level : B.E.
Year : III

Course : GEOM 310
Semester : II

Exam Roll No. :

Time: 30 mins.

F. M. : 10

Registration No.:

Date : 16 AUG 2024

SECTION "A"

[20 Q. × 0.5 = 10 marks]

Choose and encircle in the most appropriate option from each set of choices

1. FIG stands for
a. International Federation of Surveyor b. International Federation of Geographers
c. Federation of Geologists d. Fiscal Intelligence in Geoscience
2. Which is not a type of Cadastre?
a. Multipurpose Cadastre b. Fiscal Cadastre
c. Legal Cadastre d. Land Cadastre
3. The word Cadastre in Greek is derived from
a. Notebook b. Kadaster c. Capitastrum d. katastikhon
4. Which is the initial stage of cadastral mapping?
a. Adjudication b. Demarcation c. Mapping d. Registration
5. Which is **NOT** a component of cadastre?
a. Land Ownership Certificate b. Cadastral Map
c. Fieldbook d. Citizenship
6. Which notice is published prior to cadastral surveying?
a. 7 days' notice b. 15 days' notice c. 30 days' notice d. 60 days' notice
7. After how many days, Land registration record (shresta) shall be handed over to Land revenue office next to distribution of land ownership certificate?
a. 15 days b. 35 days c. 60 days d. 120 days
8. What is the full form of NeLIS?
a. Nepal Land Information System b. National Land Information System
c. Natural land Information System d. Nepal Land Inventory System
9. Records of ownership of land were compiled in Babylon and ancient Egypt as long ago as
a. 3000 BC b. 1000 BC c. 2000 BC d. 1069 BC
10. Plane table survey was started in Bhaktapur for the first time in
a. 2014 BS b. 1980 BS c. 1930 BS d. 2051 BS
11. During Malla regime, measurement and sketch of land were carried out by
a. Takshakar b. Chhetrakar c. Hale d. Dangol

12. Land (Survey and Measurement) act was enacted in
a. 2019 BS b. 1980 BS c. 2021 BS d. 2058 BS
13. Cadastral surveying based on Trig sheet system was started from
a. Bhaktapur b. Makwanpur c. Kathmandu d. Kavre
14. Mapping agency (Ordinance Survey) of British Cadastre is an
a. Government Institution
b. Self-sustained and autonomous organization
c. Donor Funded Organization
d. International non-government organization
15. Parcel numbering in cadastral sheet is generally started from
a. North West corner b. North East Corner
c. South West Corner d. South East Corner
16. Sporadic Cadastral Survey normally has
a. Complete Coverage b. Systematic Coverage
c. Comprehensive Coverage d. Selective Coverage.
17. Cadastral map with sheet number 157-1483-02 represents the cadastral map of the scale
a. 1:2500 b. 1:1250 c. 1:500 d. 1:2000
18. Survey form number 1 is related to
a. Fieldbook b. Cadastral Map c. Shrestha d. Teris
19. 1 Ropani of Land is equivalent to
a. 508.74 sq. mts b. 5476 sq. mts c. 10000 sq. mts d. 6772 sq. mts
20. A register with an information of each parcel that has been fragmented is known as
a. Fieldbook b. Plot Register c. Rokka Register d. Moth

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Semester : II
F. M. : 40

SECTION "B"
[40 marks]

Attempt *ALL* questions.

1. How do you define Cadastre? Discuss different types of Cadastre? What type of Cadastre is being adopted in Nepal? [2+2+1]
2. What is Cadastral Surveying? Explain ancient cadastre and the development of Cadastre in Nepal. [2+4]
3. How do you interpret traditional and modern Cadastre? Discuss shortly on different visions of Cadastre? [2+5]
4. How does International Federation of Surveyor describe LIS? Discuss the major components of LIS. Evaluate the status of LIS in our country. [2+1+3]
5. What are the major legal provisions governing cadastre in Nepal? Explain the legal procedures needed to be followed for Cadastral Surveying? [2+4]
6. What is boundary in Cadastre? Discuss the types of boundaries with their major characteristics. [1+4]
7. Write short notes on (*ANY TWO*): [2×2.5=5]
 - a. Trig sheet and Free sheet
 - b. Parcel numbering system
 - c. 3D Cadastre

