No.	of	Printed	<b>Pages</b>	:	2
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RGY-102

00453

## Ph.D. GEOLOGY (PHDGY)

## Term-End Examination December, 2018

## RGY-102 : RESEARCH TECHNIQUES IN GEOLOGY

	GEOLOGI					
Time: 3 hours		Maximum Marks : 10				
Not	te: Answer any five questions. marks.	All questions carry	equa			
1.	Discuss the procedure of observations in the field diary		20			
2.	Discuss in detail the princip Inductively Coupled Plasma Spectrometer (ICPAES). A sample preparation used for t	Atomic Emission dd a note on the	20			
3.	Elaborate different types of with the help of suitable diag		20			
4.	Give an account on the points while planning a geological fi		20			
5.	Discuss the methods of samp sedimentological investigation		20			
6.	Describe applications of remo techniques in geological resea		20			

- 7. Write short notes on any two of the following:
  - (a) Use of GPS in field work

2x10=20

- (b) Heavy mineral separation
- (c) Importance of site selection
- (d) Data collection for geological research
- 8. Write short notes on any two of the following:
  - (a) Scanning electron microscope 2x10=20
  - (b) Field safety measures
  - (c) Grinding and polishing equipment
  - (d) Flame photometer