

2020  
GEOGRAPHY-HONOURS-PRACTICAL  
Eight Paper  
Group-B  
(Module-16)  
(Contemporary Techniques in Geography)  
Full Marks-50

**UNIT-I**

**Answer any one from the following.**

1. Draw an annual hydrograph for a river with the following data. Separate the base flow and interpret the hydrograph. **17+2+6**

Month	Discharge ( in cumec)	Month	Discharge ( in cumec)
JAN	1.18	JULY	15.48
FEB	1.03	AUG	83.50
MAR	0.86	SEP	58.78
APRIL	0.17	OCT	7.00
MAY	0.56	NOV	2.26
JUNE	3.68	DEC	0.94

2. Draw a Rating Curve on the basis of the following data collected from a gauging station on a river and interpret it : **20+5**

Water level in metres	Discharge in cumec
97.140	768.0
92.100	112.5
97.965	888.9
98.790	998.9
98.000	882.1
96.210	659.7
92.347	150.6
98.500	1016.0

**UNIT-II**

**Answer any one from the following.**

3.(a) Compute the HDI (Human Development Index) of the following countries on the basis of the data provide below. **20**

(b) Rank and interpret the HDI Values. **5**

Country	Life Expectancy at birth(years)	Adult literacy Rate (%)	Combind Gross Enrolment Ratio	GDP per capita (PPPUS \$)
Vietnam	74.3	90.3	62.3	2000
Pakistan	66.2	54.2	39.3	2496
China	72.9	93.3	68.7	5383
India	63.4	66.0	61.0	2753
Sri Lanka	74.0	90.8	68.7	4243

4.(a) Prepare a questionnaire with double and multiple option answer types for people`s perception on Earthquake hazard preparedness. **20**

(b) What is meant by pilot survey ? **5**