



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION

First Term Examination - 2018

Class : 9



SUB : Geography

DURATION: 2 Hrs30Mins

F.M.: 75

DATE:28.04.2018

GROUP - A

1. Choose the correct answer and complete the sentences.

12

- i. Exfoliation produces (spheroidal/angular/cuboidal/granular) pieces.
- ii. The difference between the equatorial diameter and the polar diameter is (63/53/43/33) km.
- iii. A substance's (availability/function ability/potentiality/credibility) marks it as a resource.
- iv. Dhaka stands on the bank of river (Gandak/Karnaphuli/Mahanadi/Buriganga).
- v. Jhum cultivation is also called (subsistence/terrace/shifting/contour) cultivation.
- vi. (Jupiter/Mars/Uranus/Neptune) is smaller than the Earth.
- vii. Rocks get rusted because of (carbonation/solution/oxidation/hydration).
- viii. As per census 2011 West Bengal stands in the (12th/14th/16th/18th) position in terms of area in India.
- ix. It is usually in the (troposphere/stratosphere/mesosphere/thermosphere) layer of the atmosphere that auroras occur.
- x. Resources which do not exhaust after use are called (fund/biotic/mobile/renewable) resources.
- xi. (Pythagoras/Herodotus/Thales/Hecataeus) first stated that the earth is spherical in shape.
- xii. Limestone deposit which grow upward from the cave floor are called (stalactites/helectites/stalagmites/anemolites).

Group B

2. Fill in the blanks:

1x5=5

- a. The difference in distance between the earth and the sun between perihelion and aphelion is _____ km.
- b. The _____ and the Polar Regions are the only two regions which do not experience all four seasons.
- c. _____ in Norway has continuous daylight from May to July.
- d. The first voyage round the earth was undertaken by _____.
- e. The polar diameter is shorter than equatorial diameter by _____ km.

3. State true or false:

1x5=5

- a. The Bedford Level experiment was performed by Bedford.
- b. The speed of the earth's rotation increases from equator towards the Poles.
- c. Feldspar is reduced to kaolin due to hydrolysis.
- d. Oranges and cardamom are main crops of Sikkim.
- e. Dhaka, the capital of Bangladesh is located beside river Meghna.

4. Answer in one or two words:

1x5=5

- a. Who first observed the earth's shape as an oblate spheroid?
- b. What is the speed of revolution of the earth?
- c. What type of rock is mostly affected by exfoliation?

- d. What is disintegration and decomposition of rocks in situ called?
- e. What is the method of protecting resources for future use by banning reckless exploitation called?

5. Match the column and write in pairs (one is extra):

1x3=3

A	B
a. Length of 1° longitude at the equator	I. Heliocentric model
b. GPS	II. Geocentric model
c. Sun at the centre	III. 111.32 km
	IV. Haversine formula

Group C

3. Answer Any 5 of the following: 2X5=10

- a. Define Ferrel's Law.
- b. Name two minerals in Bihar.
- c. Define ubiquitous resource with examples.
- d. What is regolith?
- e. Define denudation.
- f. Define Apehelion.

4. Answer Any 4 of the following: 3X4=12

- a. Describe any three factors causing soil erosion.
- b. Explain the uniqueness of the Earth as the home of mankind.
- c. Describe Foucault's experiment.
- d. Explain the concept of leap year.
- e. Define summer solstice.

Group E

5. Answer Any 3 of the following: 5X3=15

- a. Define carbonation and oxidation.
- b. Explain the causes for the variation of the lengths of days and nights.
- c. Define resource. Classify resource with suitable examples on the basis of resource creating factors and on the basis of availability.
- d. Discuss at least five effects of Earth's rotation on human life.

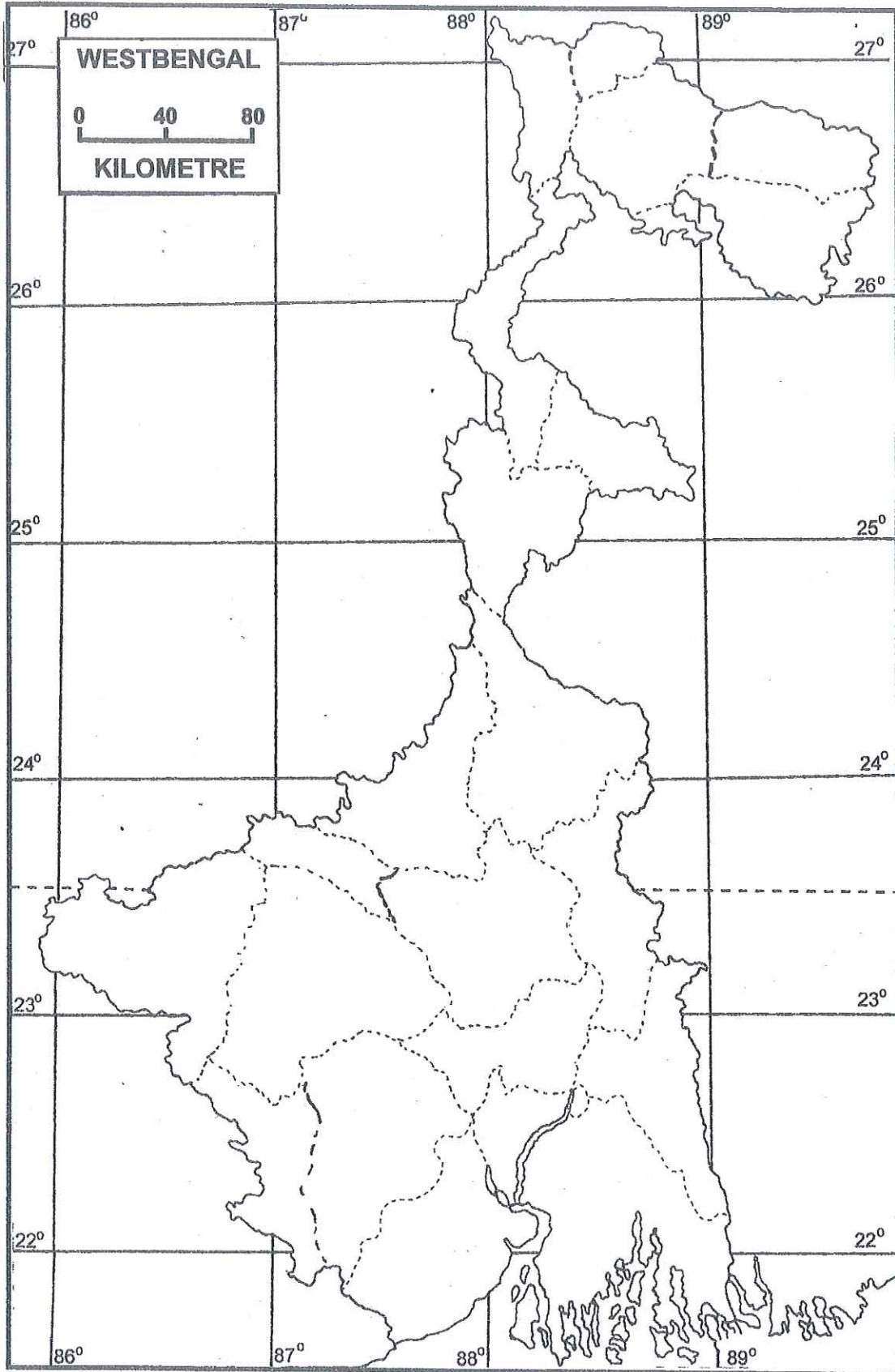
Group F

6. Point out the following in the given map: 1X8=8

- a. Districts: i. Coochbihar ii. South Dinajpur iii. Purba Medinipur iv. Dakshin 24 Parganas.
- b. District Headquarters: i. Siuri ii. Darjeeling iii. Bardhaman iv. Purulia.

WEST BENGAL

Name Class Sec Roll No.





ST. LAWRENCE HIGH SCHOOL

First Term Exam Solution – 2018

Sub: Geography Class: IX F. M. 75

Duration: 2 Hours 30 Minutes Date: 28.04.18

GROUP – A

1. Choose the correct answer and complete the sentences. 12

- i. Exfoliation produces (**spheroidal**/angular/cuboidal/granular) pieces.
- ii. The difference between the equatorial diameter and the polar diameter is (63/53/**43**/33) km.
- iii. A substance's (availability/**functionability**/potentiality/credibility) marks it as a resource.
- iv. Dhaka stands on the bank of river (Gandak/Karnaphuli/Mahanadi/**Buriganga**).
- v. Jhum cultivation is also called (subsistence/terrace/**shifting**/contour) cultivation.
- vi. (Jupiter/**Mars**/Uranus/Neptune) is smaller than the Earth.
- vii. Rocks get rusted because of (carbonation/solution/**oxidation**/hydration).
- viii. As per census 2011 West Bengal stands in the (12th/**14**th/16th/18th) position in terms of area in India.
- ix. It is usually in the (troposphere/stratosphere/mesosphere/**thermosphere**) layer of the atmosphere that auroras occur.
- x. Resources which do not exhaust after use are called (fund/biotic/mobile/**renewable**) resources.
- xi. (**Pythagoras**/Herodotus/Thales/Hecataeus) first stated that the earth is spherical in shape.
- xii. Limestone deposit which grow upward from the cave floor are called (stalactites/helectites/**stalagmites**/anemolites).

Group B

2. Answer the following

a. Fill in the blanks:

1x5=5

- i. 5 million
- ii. Equatorial
- iii. Hammerfest
- iv. Magellan

- v. 43
- b. State true or false: 1x5=5
- i. FALSE
 - ii. FALSE
 - iii. FALSE
 - iv. TRUE
 - v. FALSE
- c. Answer in one or two words: 1x5=5
- i. Jean Richer
 - ii. 30km/sec or 108,000 km/hr
 - iii. Granite
 - iv. Weathering
 - v. conservation
- d. Match the column and write in pairs 1x3=3

A	B
i. Length of 1° longitude at the equator	111.32 km
ii. GPS	Haversine formula
iii. Sun at the centre	Heliocentric model

Group C

3. Answer Any 5 of the following: 2X5=10
- a. Define Ferrel's Law. Pg 20 W Ferrel, 1855 formed the law based on coriolis effect. Explanation.
 - b. Name two minerals in Bihar. Pg 119 Coal and mica
 - c. Define ubiquitous resource with examples. Pg 10, Definition and example
 - d. What is regolith? Pg 77 Definition
 - e. Define denudation. Pg 73 Definition
 - f. Define Apehelion. Pg 22 Definition

Group D

4. Answer Any 4 of the following: 3X4=12
- a. Describe any three factors causing soil erosion. Pg 78.
 - b. Explain the uniqueness of the Earth as the home of mankind. Pg 7, explanation from earth as home of humankind.
 - c. Describe Foucault's experiment. Pg 15 Explanation with diagram
 - d. Explain the concept of leap year. Pg 22 Definition
 - e. Define summer solstice. Pg 24. Explanation with diagram.

Group E

5. Answer Any 3 of the following: 5X3=15
- a. Define carbonation and oxidation. Pg 75 Definition with examples
 - b. Explain the causes for the variation of the lengths of days and nights. Pg 24 Explanation from variation in lengths of days and nights and diagram.

- c. Define resource. Classify resource with suitable examples on the basis of resource creating factors and on the basis of availability. Pg 100, Definition. Classification of resource number 1, number 2 with examples
- d. Discuss at least five effects of Earth's rotation on human life. Pg 17 and 18, any 5 effects. Diagrams.

Group F

- 6. Point out the following in the given map: 1X8=8
 - a. Districts: i. Coochbihar ii. South Dinajpur iii. Purba Medinipur iv. Dakshin 24 Parganas.
 - b. District Headquarters: i. Siuri ii. Darjeeling iii. Bardhaman iv. Purulia.
See map - Page No. 118.

Note: Book is Arun Shankar Pal and Susmita Choudhury, School Geography.

WEST BENGAL

NAME..... CLASS..... SEC..... ROLL NO.....

