

Geography- 1 (River)

Time- 2h

full marks- 50

Group –A

1. CHOSE THE RIGHT ANSWER

1*10=10

1.1 Which one of these terms is another name for the water cycle?

- A. The Vapour Cycle
- B. The Uni Cycle
- C. The Precipitation Cycle
- D. The Hydrological Cycle

1.2 Which of the following terms is used to describe the point where a tributary river channel meets the main river channel?

- A. Estuary
- B. Watershed
- C. Confluence
- D. Drainage Basin

1.3 What name is given to the erosion of the banks and bed by particles of rock that are thrown against the river channel by the movement of water (known colloquially as the sandpaper effect)?

- A. Hydraulic Action
- B. Attrition
- C. Corrosion
- D. Corrasion

1.4 What is the name given to the erosion process which occurs when material carried by the river collides with other material that is being carried?

- A. Attrition
- B. Solution
- C. Hydraulic Action
- D. Corrosion

1.5 A river's watershed usually coincides with what?

- A. An area of high land
- B. Another river
- C. A built up area
- D. An area of flat land

1.6 Which one of these river transportation processes describes the movement of dissolved material?

- A. Traction
- B. Saltation
- C. Suspension
- D. Solution

1.7 Which one of these river transportation processes describes the dragging of material along the river bed?

- A. Traction
- B. Saltation
- C. Suspension
- D. Solution

1.8 Which one of these river transportation processes describes the bouncing of material along the river bed?

- A. Traction
- B. Saltation
- C. Suspension
- D. Solution

1.9 What is the name given to a river channel that has been separated into a number of different sections by the deposition of sediment?

- A. Fragmented River
- B. Augmented River
- C. Splintered River
- D. Braided River

1.10 Which of the following would not reduce the risk of flooding within a river's flood plain?

- A. Planting new trees within a nearby forest
- B. Building a new car park
- C. Creating a dam and reservoir further up the river's course
- D. Reinforcing the river's channel with concrete

P.T.O

Group –B

2. If the statement is true, write 'T' and if false write 'F' against the following:

1*4=4

- 2.1 Oxbow Lake that becomes cut off from the main river channel by the development of a meander.
- 2.2 Plunge Pool is given to the section of deep water at the foot of a waterfall.
- 2.3 Rapid that results as a waterfall cuts back into the valley in which it was formed.
- 2.4 Flood plain is created near the mouth of a river by the deposition of a large amount of river sediment.

3. Fill in the banks

1*4=4

- 3.1 The process of depositing the eroded material is called-----
- 3.2 Curves and large bends or loops formed by rivers in the plains are known as-----
- 3.3 When a river runs over alternating layers of hard and soft rock----- may form.
- 3.4 In the upper course of a river gradients are ----- and river channels are -----.

4. Match the pillars

1*4=4

PILLAR-1

- 4.1 Transportation
- 4.2 Ghoramara
- 4.3 Sunderbans delta
- 4.4 Levees

PILLAR-2

- A. Ganga- Brahmaputra River
- B. Slightly raised river banks
- C. Sea level rise
- D. Suspension

5. Short type of question

1*2=2

- 5.1 What is the name given to a large depression in a river bed resulting from a rock fragment becoming lodged in a crack? This feature is often combined with a whirlpool on the river's surface.
- 5.2 Give an example of Ideal River?

Group- C

6. Write a short note

2*5=10

- 6.1 Meanders are formed by the rivers in plains. Why?
- 6.2 Why are deltas so fertile?
- 6.3 How does the process of Gradation creates various landforms?
- 6.4 What are river basin and water shade?
- 6.5 How is Oxbow- lake formed?

Group-D

7. Give the answer of the following question:

3*2=6

- 7.1 Give an account on River erosional process?
- 7.2 What are the reasons for the erosion of island in Hooghly Estuary?

Group- E

8. Write brief notes on the following questions:

2*5=10

- 8.1 Give an account on three erosional features of river that found in the upper course?
- 8.2 Briefly discuss about the three depositional features of river?

