

2015

HISTORY

( Major )

Paper : 5.4

( **History of Science and Technology  
in Pre-colonial India** )

*Full Marks : 60*

*Time : 3 hours*

*The figures in the margin indicate full marks  
for the questions*

Answer **all** questions

1. Answer the following questions in 1 word  
or in 1 sentence each : 1×7=7
- (a) What do you understand by the term  
*Homo erectus* ?
- (b) Where in India has the first evidence of  
Paleolithic man been found?
- (c) Which age is known as the Microlithic  
Age?

- (d) Name the first metal used by man.
- (e) What is the meaning of 'Ayas'?
- (f) Who was the author of *Aryabhatia* ?
- (g) What is 'Naria'?

2. Answer the following questions : 2×4=8

- (a) Name any two Neolithic sites of India.
- (b) Name two occupations of the Iron Age.
- (c) Name two famous mathematicians of Ancient India.
- (d) Name two archaeologists who were associated with the excavations at Harappa and Mohenjo-Daro.

3. Write short notes on any *three* of the following : 5×3=15

- (a) Paleolithic Age
- (b) Town-planning technology of the Harappan people
- (c) Varahamihira
- (d) Charaka
- (e) Persian Wheel

4. Answer any *three* of the following questions :

10×3=30

- (a) "Since the inception of civilization, technology accompanied human progress." In the light of this statement, trace the technological progress of early men in the Stone Age.
- (b) Write a note on the toolmaking technology in the prehistoric period.
- (c) How did the use of iron change the course of life of the people in early India?
- (d) Write a brief note on the Painted Grey Ware (PGW) culture.
- (e) Make an estimate of early Indian contribution to the field of astronomy with special reference to Aryabhata.
- (f) Make a brief appraisal of the technological developments in Medieval India with special mention of textile and bridge-building technology.

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