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HISTORY

(Major)

Paper : 5.4

(**History of Science and Technology
in Precolonial 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 is the meaning of the term 'Paleo'?
 - (b) Which Age in the history is known as the 'Microlithic Age'?
 - (c) Mention the Rigvedic term to denote 'Iron'.
 - (d) Name any one port-city of Harappan Civilization.

- (e) Who is regarded as the 'Father of Indian Medicine'?
- (f) Name the book on Mathematics written by Pingalacharya.
- (g) In which country was gunpowder invented?
2. Answer the following questions in brief : $2 \times 4 = 8$
- (a) Name the present Indian States where Nagarjunakonda and Bhimbetka are situated.
- (b) Name any two contemporary civilizations with whom the Harappans had trade relations.
- (c) Give two features of the Northern black polished ware.
- (d) Mention two characteristics of the 'Iron Age' culture.
3. Write short notes on any *three* of the following : $5 \times 3 = 15$
- (a) Town planning during the Bronze Age
- (b) Painted Grey Ware Culture
- (c) Varahamihira
- (d) Early Indian Contribution to Mathematical Science
- (e) Metal Technology in Medieval India

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

10×3=30

- (a) Examine different stages of technological advancement during the Stone Age. In what ways did the Neolithic Period mark a new beginning?
- (b) Trace the origin and growth of food production among the early men.
- (c) Critically analyze the development of metallurgy and crafts during the Bronze Age.
- (d) Discuss how the use of iron changed the life of the Vedic Aryans.
- (e) Write notes on the following :
 - (i) Brahmagupta
 - (ii) Charaka
- (f) Attempt an appraisal of the technological developments in Medieval India.

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