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SANSKRIT

(Major)

Paper : 6.2

Full Marks : 60

Time : 3 hours

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

1. Answer the following questions : 1×7=7

- (a) Who is known as 'कमलभव'?
- (b) How many types of pillars are mentioned in the 'बृहत्संहिता'?
- (c) What do you mean by वास्तुविद्या?
- (d) What is the breadth of the first house of the king?
- (e) What was the name of Bhāskarācārya's father?

(2)

- (f) Name another book ascribed to Bhāskarācārya.
- (g) How much interval is best between two trees?

2. Answer the following questions briefly : $2 \times 4 = 8$

- (a) What are the meanings of the terms 'संकलित' and 'व्याकलित' found in *Lilāvati*?
- (b) What are the four वीथिकाs as found in the 53rd Chapter of 'बृहत्संहिता'?
- (c) What should be the first treatment of soil for cultivation?
- (d) How should grafted plant be watered?

3. Answer the following questions : $5 \times 3 = 15$

- (a) Write briefly about two-halled house (द्विशाला).

Or

Write a short note on वर्धमान वास्तु.

- (b) What, according to Bhāskarācārya, are place values of digits?

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(Continued)

(3)

(c) Explain the following :

- (i) अजातशाखान् शिशिरे जातशाखान् हिमागमे ।
वर्षागमे च सुस्कन्धान् यथादिकस्थान् प्ररोपयेत् ॥

Or

- (ii) प्रान्तच्छायाविनिर्मुक्ता न मनोज्ञा जलाशयाः ।
यस्मादतो जलप्रान्तेष्वारामान् विनिवेशयेत् ॥

4. Present a note on poetic ability of Bhāskarācārya. 10

Or

Discuss the views of Bhāskarācārya on measures for grains in volume.

5. Present a discussion on the salient features of the houses of crowned prince (युवराज). 10

Or

Explain the following verse with reference to the context :

पश्चाश्रमिणाममितं धान्यादुधवद्भिरतिगृहाणां च ।
नेच्छन्ति शाखकारा हस्तशतादुच्छ्रितं परतः ॥

6. Discuss how to increase yield of fruit and flowers in the plants. Name the trees which are grown in moist soil. 10

Or

Write down the steps for sowing the seeds of कपित्थ.

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