

2017

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) State the meaning of 'Vāstu' (वास्तु).
- (b) Which Chapter of the 'बृहत्संहिता' contains 'वास्तुविद्याध्याय'?
- (c) How many houses do Kṣatriyas possess?
- (d) Which type of soil is congenial for growth of all trees?
- (e) What is the last unit of place value as found in 'लीलावती'?

(f) How many methods are found for multiplication in 'लीलावती'?

(g) Define कृति: (square) as found in 'लीलावती'.

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

(a) What are the measurements of walls made of bricks or wood for buildings?

(b) What are the different seasons for planting different trees?

(c) How should plants be watered in different seasons?

(d) Write the names of coins as found in *Lilāvati*.

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

(a) What are the different types of Pillars? Explain briefly.

Or

Write a note on the origin of वास्तुपुरुष.

(b) Show your acquaintance with *Siddhānta-śiromaṇi* of Bhāskarācārya.

(c) Explain the following :

प्रान्तच्छायाविनिर्मुक्ता न मनोज्ञा जलाशयाः ।
यस्मादतो जलप्रान्तेष्वरामान् विनिवेशयेत् ॥

Or

शीतवातातपै रोगो जायते पाण्डुपत्रता ।
अवृद्धिश्च प्रवालानां शाखाशोषो रसस्तुतिः ॥

4. Present a note on Bhāskarācārya's opinion on the measures of length. 10

Or

Write a note on the content of *Lilāvati*.

5. Explain the following verse with reference to the context : 10

श्रेष्ठं नन्द्यावर्त सर्वेषां वर्धमानसं च ।
स्वस्तिकरुचके मध्ये शेषं शुभदं नृपादीनाम् ॥

Or

Discuss the salient features of the residential houses of commander-in-chief.

6. Write what you know about काण्डरोप्य and संक्रामणविरोपण types of planting trees. 10

Or

Write down the steps for growing कपित्थ seeds.
