

- ૪ ટૂંકનોંધ લખો : (ગમે તે બે) ૧૪
(૧) એન્થોસીરોસની બીજાણુજનક અવસ્થા
(૨) ઈક્વિસીટમનો શંકુ
(૩) પોલીટ્રાયકમના લિંગી પ્રજનન અવયવો.

ENGLISH VERSION

- Instructions :** (1) As per the instruction no. 1 of page no. 1.
(2) Illustrate answers with neat and labelled diagram.
(3) Figures to the **right** indicate **full** marks of each question.

- 1 Give very short answer as directed : 8
(i) State the name of pigments shown in Blue-Green algae.
(ii) What is called Palmella stage ?
(iii) What is Juvenile stage of Batrachospermum ?
(iv) What is fragmentation ?
(v) What is somatogamy in Peziza ?
(vi) What is Lichen ?
(vii) Classify Polytrichum.
(viii) State the name of cavities shown in Equisetum stem.
- 2 Describe : (any two) 14
(i) Asexual reproduction of Ulothrix
(ii) Alternation of generation in Batrachospermum
(iii) Sporangia of Ectocarpus.
- 3 Write short notes on : (any two) 14
(i) Life of Puccinia on wheat
(ii) Apothecium of Peziza
(iii) Economic importance of Lichen
- 4 Write short notes on : (any two) 14
(i) Sporophytic stage of Anthoceros
(ii) Cone of Equisetum
(iii) Sexual reproductive organs of Polytrichum