

BOWEN UNIVERSITY IWO
COLLEGE OF AGRICULTURE, ENGINEERING AND SCIENCE
PURE AND APPLIED BIOLOGY PROGRAMME
2021/2022 FIRST SEMESTER EXAMINATION

PAB 405: DEVELOPMENTAL BIOLOGY

Answer all questions

Time allowed: 45 minutes

Alternative to Practical

1. a). State some materials required for plant tissue culture experiments. *(5 marks)*
b). Briefly highlight the disinfection protocol for an explant in the process of micropropagation. *(4 marks)*
c). Mention some of the macroelements composition of Murashige and Skoog media for plant tissue culture experiment. *(3 marks)*

2. Draw and label an amniotic egg of a chick embryo *(13 marks)*