# BOARD 5 QUESTION PAPER - MARCH 2023 (WITH SOLUTION AND MARKING SCHEME)

# BIOLOGY

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Max. Marks: 70

instructions :

on paper is divided into four sections.

A: Q. No. I contains ten multiple choice type of questions carrying one mark each. we cach multiple choice type of question, it is mandatory to write the correct answer along alphabet, e.g., (a) ....../ (b) ....../ (c) ....../ (d) ...... etc. No mark/s shall be given TONLY the correct answer or alphabet of the correct answer is written.

west of MCQ, evaluation will be done for the first attempt only.

n. No. 2 contains eight very short answer type of questions carrying one mark each.

B: Q. No. 3 to 14 are short answer type of questions carrying two marks each.

C: Q. No. 15 to 26 are short answer type of questions carrying three marks each.

D: Q. No. 27 to 31 are long answer type of questions carrying four marks each. the answer of each section on a new page.

#### SECTION-A

sect and write the correct answer for the following multiple choice type of 1101 spestions :

- Histones are rich in ......
  - (b) Leucine and methionine (a) Lysine and arginine
  - (d) Phenylalanine and lysine (1)(c) Serine and leucine
- (ii) How many mitotic divisions take place during the formation of a female gametophyte from a functional megaspore?
  - (a) One (b) Two
  - (1)(d) Four (c) Three
- Which of the following is the only gaseous plant growth regulator?
  - (b) Cytokinin (a) ABA
  - (1)(d) Gibberellin (e) Ethylene
- (b) The pH of nutrient medium for plant tissue culture is in the range of .......
  - (a) 2 to 4.2 (b) 5 to 5.8
    - (1) (c) 7 to 7.5 (d) 8 to 9.5

BIOLOGY

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**Chao Zhang** 

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