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[ETG]

SEAT No. _____

SARDAR PATEL UNIVERSITY

No. of Printed Pages : 2

B.Ed. (II Semester) Examination

2019

SATURDAY, 30th MARCH

10:00 AM To 11:30 PM

UE02EBD208: PEDAGOGY OF SCIENCE & TECHNOLOGY

TOTAL MARKS: 35

Instruction: All questions are compulsory and marks are indicate right side of the each question

Que-1: Answer any four questions from the following questions

08

- (1) State the law of energy conservation.
- (2) Give the definition of work and write down unit.
- (3) State any four adaption of Amphibians.
- (4) What are isotopes? Give illustrations.
- (5) Give definition : Periodic time, frequency

Que-2: Answer any one question from the following questions

10

- (1) "Demonstration method is more practical approach of science teaching"
Discuss this sentence with reference to following topics
 - Concept of Demonstration method, steps
 - Merits and demerits of Demonstration method
- (2) Principal of Sharda Mandir High School is confused about the organization and implementation of sky gazing ...Make a guide line.

Que-3: Answer any three questions from the following four questions

09

- (1) State any three illustrations and implications of science process skills.
- (2) Explain in brief about the professional development of a science teacher.
- (3) State merits and Demerits of experimental method.
- (4) Which matters keep in mind while doing analysis of std 9th science textbook.

Que-4(A): Write short note (Any one)

04

- (1) Activities of science club
- (2) Constructivist approach

Que-4(B): Write short note (Any one)

04

- (1) Water Cycle
- (2) SONAR

(1)

CP.T.O.)