April 11, 2021 416001

# THIS IS THE ANSWER AND SOLUTION FOR PAPER NUMBER 416

In this paper, big questions will be generated in the following order:  $1\ (\ 1\ )$  ,  $2\ (\ 2\ )$  .

## QUESTION 416.1 (1,1,101)

#### **Auto-answer:**

 ${f C}$ . The capital of Canada is Ottawa.

## QUESTION 416.2 ( 2 , 2 , 102 )

#### Auto-answer:

- B. classical dynamics
- C. particle theory of light
- **D.** differential calculus
- F. law of universal gravitation

\*\*\* END OF PAPER, THANKS \*\*\*

In this paper, big questions will be generated in the following order:  $1\ (\ 1\ )$  ,  $2\ (\ 2\ )$  .

## QUESTION 417.1 ( 1 , 1 , 101 )

#### Auto-answer:

 ${f C}$ . The capital of Canada is Ottawa.

## QUESTION 417.2 ( 2 , 2 , 102 )

#### Auto-answer:

- A. particle theory of light
- **D.** law of universal gravitation
- E. classical dynamics
- F. differential calculus
- **G.** dispersive prism

\*\*\* END OF PAPER, THANKS \*\*\*

In this paper, big questions will be generated in the following order: 1 ( 1 ) , 2 ( 2 ) .

## QUESTION 418.1 (1,1,101)

#### **Auto-answer:**

**B.** The capital of Canada is Ottawa.

## QUESTION 418.2 ( 2 , 2 , 102 )

#### Auto-answer:

- B. differential calculus
- C. classical dynamics
- **D.** law of universal gravitation
- E. dispersive prism

\*\*\* END OF PAPER, THANKS \*\*\*

In this paper, big questions will be generated in the following order:  $1\ (\ 1\ )$  ,  $2\ (\ 2\ )$  .

## QUESTION 419.1 ( 1 , 1 , 101 )

#### Auto-answer:

 ${f C}$ . The capital of Canada is Ottawa.

## QUESTION 419.2 ( 2 , 2 , 102 )

#### Auto-answer:

- A. differential calculus
- **B.** dispersive prism
- C. law of universal gravitation
- F. particle theory of light
- G. classical dynamics

\*\*\* END OF PAPER, THANKS \*\*\*

In this paper, big questions will be generated in the following order:  $1\ (1)\ , 2\ (2)$  .

## QUESTION 420.1 (1,1,101)

#### Auto-answer:

**D.** None of above.

### QUESTION 420.2 (2,2,102)

### Auto-answer:

- A. differential calculus
- **D.** law of universal gravitation
- F. particle theory of light
- G. classical dynamics

\*\*\* END OF PAPER, THANKS \*\*\*

In this paper, big questions will be generated in the following order:  $1\ (2)$ ,  $2\ (1)$ .

## QUESTION 421.1 ( 2 , 2 , 102 )

#### Auto-answer:

- B. classical dynamics
- C. particle theory of light
- **D.** dispersive prism
- E. law of universal gravitation

### QUESTION 421.2 ( 1 , 1 , 101 )

### Auto-answer:

**B.** The capital of Canada is Ottawa.

\*\*\* END OF PAPER, THANKS \*\*\*

In this paper, big questions will be generated in the following order:  $1\ (1)\ , 2\ (2)$  .

## QUESTION 422.1 (1,1,101)

#### Auto-answer:

 ${f C}$ . The capital of Canada is Ottawa.

## QUESTION 422.2 ( 2 , 2 , 102 )

#### Auto-answer:

- A. differential calculus
- C. particle theory of light
- **D.** dispersive prism
- G. law of universal gravitation

\*\*\* END OF PAPER, THANKS \*\*\*

In this paper, big questions will be generated in the following order:  $1\ (1)\ , 2\ (2)$  .

## QUESTION 423.1 (1,1,101)

#### Auto-answer:

 ${f C}$ . The capital of Canada is Ottawa.

## QUESTION 423.2 ( 2 , 2 , 102 )

#### Auto-answer:

- **B.** law of universal gravitation
- C. particle theory of light
- $\mathbf{F}$ . classical dynamics
- **G.** dispersive prism

\*\*\* END OF PAPER, THANKS \*\*\*

In this paper, big questions will be generated in the following order:  $1\ (1)\ , 2\ (2)$  .

## QUESTION 424.1 ( 1 , 1 , 101 )

### **Auto-answer:**

**B.** The capital of Canada is Ottawa.

## QUESTION 424.2 ( 2 , 2 , 102 )

#### Auto-answer:

- **B.** particle theory of light
- C. law of universal gravitation
- **D.** differential calculus
- E. classical dynamics
- G. dispersive prism

\*\*\* END OF PAPER, THANKS \*\*\*

In this paper, big questions will be generated in the following order:  $1\ (2)$ ,  $2\ (1)$ .

## QUESTION 425.1 ( 2 , 2 , 102 )

### Auto-answer:

- B. law of universal gravitation
- **D.** classical dynamics
- E. particle theory of light
- F. differential calculus
- **G.** dispersive prism

## QUESTION 425.2 ( 1 , 1 , 101 )

#### Auto-answer:

**B.** The capital of Canada is Ottawa.

\*\*\* END OF PAPER, THANKS \*\*\*

In this paper, big questions will be generated in the following order:  $1\ (1)\ , 2\ (2)$  .

## QUESTION 426.1 (1,1,101)

#### **Auto-answer:**

A. The capital of Canada is Ottawa.

## QUESTION 426.2 ( 2 , 2 , 102 )

### **Auto-answer:**

- A. particle theory of light
- **D.** dispersive prism
- E. classical dynamics
- G. differential calculus

\*\*\* END OF PAPER, THANKS \*\*\*

In this paper, big questions will be generated in the following order:  $1\ (2)$ ,  $2\ (1)$ .

## QUESTION 427.1 ( 2 , 2 , 102 )

### Auto-answer:

- A. dispersive prism
- C. differential calculus
- D. law of universal gravitation
- E. particle theory of light
- G. classical dynamics

## QUESTION 427.2 ( 1 , 1 , 101 )

#### Auto-answer:

**B.** The capital of Canada is Ottawa.

\*\*\* END OF PAPER, THANKS \*\*\*

In this paper, big questions will be generated in the following order: 1 ( 1 ) , 2 ( 2 ) .

## QUESTION 428.1 (1,1,101)

#### Auto-answer:

 ${f C}$ . The capital of Canada is Ottawa.

## QUESTION 428.2 ( 2 , 2 , 102 )

#### Auto-answer:

- A. differential calculus
- **B.** law of universal gravitation
- C. particle theory of light
- **D.** dispersive prism
- F. classical dynamics

\*\*\* END OF PAPER, THANKS \*\*\*

In this paper, big questions will be generated in the following order:  $1\ (1)\ , 2\ (2)$  .

## QUESTION 429.1 (1,1,101)

#### Auto-answer:

**D.** None of above.

### QUESTION 429.2 ( 2 , 2 , 102 )

#### Auto-answer:

- B. differential calculus
- C. particle theory of light
- D. law of universal gravitation
- E. classical dynamics
- G. dispersive prism

\*\*\* END OF PAPER, THANKS \*\*\*

In this paper, big questions will be generated in the following order:  $1\ (\ 1\ )$  ,  $2\ (\ 2\ )$  .

## QUESTION 430.1 ( 1 , 1 , 101 )

#### Auto-answer:

**B.** The capital of Canada is Ottawa.

## QUESTION 430.2 ( 2 , 2 , 102 )

#### Auto-answer:

- A. differential calculus
- C. particle theory of light
- **D.** dispersive prism
- G. classical dynamics

\*\*\* END OF PAPER, THANKS \*\*\*

In this paper, big questions will be generated in the following order:  $1\ (1)\ , 2\ (2)$  .

## QUESTION 431.1 ( 1 , 1 , 101 )

#### Auto-answer:

 ${f C}$ . The capital of Canada is Ottawa.

## QUESTION 431.2 ( 2 , 2 , 102 )

#### Auto-answer:

- A. dispersive prism
- B. differential calculus
- C. classical dynamics
- **D.** particle theory of light
- E. law of universal gravitation

\*\*\* END OF PAPER, THANKS \*\*\*

In this paper, big questions will be generated in the following order:  $1\ (1)\ , 2\ (2)$  .

## QUESTION 432.1 (1,1,101)

#### Auto-answer:

**B.** The capital of Canada is Ottawa.

## QUESTION 432.2 ( 2 , 2 , 102 )

#### Auto-answer:

- A. particle theory of light
- B. differential calculus
- C. classical dynamics
- G. law of universal gravitation

\*\*\* END OF PAPER, THANKS \*\*\*

In this paper, big questions will be generated in the following order:  $1\ (\ 1\ )$  ,  $2\ (\ 2\ )$  .

## QUESTION 433.1 (1,1,101)

#### Auto-answer:

**D.** None of above.

### QUESTION 433.2 ( 2 , 2 , 102 )

### Auto-answer:

- $\mathbf{C}_{ullet}$  particle theory of light
- **D.** classical dynamics
- E. dispersive prism
- F. law of universal gravitation

\*\*\* END OF PAPER, THANKS \*\*\*

In this paper, big questions will be generated in the following order:  $1\ (1)\ , 2\ (2)$  .

## QUESTION 434.1 (1,1,101)

#### Auto-answer:

 ${f C}$ . The capital of Canada is Ottawa.

## QUESTION 434.2 ( 2 , 2 , 102 )

### Auto-answer:

- A. classical dynamics
- **B.** particle theory of light
- C. law of universal gravitation
- **D.** dispersive prism
- $\mathbf{F}$ . differential calculus

\*\*\* END OF PAPER, THANKS \*\*\*

In this paper, big questions will be generated in the following order:  $1\ (2)$ ,  $2\ (1)$ .

## QUESTION 435.1 ( 2 , 2 , 102 )

#### Auto-answer:

- A. differential calculus
- C. particle theory of light
- D. law of universal gravitation
- G. classical dynamics

### QUESTION 435.2 (1,1,101)

### Auto-answer:

A. The capital of Canada is Ottawa.

\*\*\* END OF PAPER, THANKS \*\*\*

In this paper, big questions will be generated in the following order:  $1\ (2)$ ,  $2\ (1)$ .

## QUESTION 436.1 (2,2,102)

### Auto-answer:

- A. differential calculus
- **D.** dispersive prism
- $\mathbf{F}$ . law of universal gravitation
- G. classical dynamics

## QUESTION 436.2 ( 1 , 1 , 101 )

### Auto-answer:

**B.** The capital of Canada is Ottawa.

\*\*\* END OF PAPER, THANKS \*\*\*

In this paper, big questions will be generated in the following order:  $1\ (2\ )$  ,  $2\ (1\ )$  .

## QUESTION 437.1 ( 2 , 2 , 102 )

#### Auto-answer:

- A. classical dynamics
- **B.** differential calculus
- C. particle theory of light
- F. law of universal gravitation

## QUESTION 437.2 ( 1 , 1 , 101 )

### **Auto-answer:**

C. The capital of Canada is Ottawa.

\*\*\* END OF PAPER, THANKS \*\*\*

In this paper, big questions will be generated in the following order:  $1\ (1)\ , 2\ (2)$  .

## QUESTION 438.1 (1,1,101)

#### Auto-answer:

**B.** The capital of Canada is Ottawa.

## QUESTION 438.2 ( 2 , 2 , 102 )

#### Auto-answer:

- A. dispersive prism
- B. law of universal gravitation
- **D.** classical dynamics
- E. particle theory of light
- F. differential calculus

\*\*\* END OF PAPER, THANKS \*\*\*

In this paper, big questions will be generated in the following order:  $1\ (1)\ , 2\ (2)$  .

## QUESTION 439.1 (1,1,101)

#### Auto-answer:

**D.** None of above.

### QUESTION 439.2 ( 2 , 2 , 102 )

#### **Auto-answer:**

- A. differential calculus
- **B.** particle theory of light
- **D.** dispersive prism
- E. classical dynamics
- F. law of universal gravitation

### \*\*\* END OF PAPER, THANKS \*\*\*

In this paper, big questions will be generated in the following order:  $1\ (\ 1\ )$  ,  $2\ (\ 2\ )$  .

## QUESTION 440.1 (1,1,101)

#### Auto-answer:

**B.** The capital of Canada is Ottawa.

## QUESTION 440.2 ( 2 , 2 , 102 )

#### Auto-answer:

- **B.** particle theory of light
- C. law of universal gravitation
- **D.** differential calculus
- G. dispersive prism

\*\*\* END OF PAPER, THANKS \*\*\*

In this paper, big questions will be generated in the following order:  $1\ (2)$ ,  $2\ (1)$ .

## QUESTION 441.1 ( 2 , 2 , 102 )

### Auto-answer:

- B. differential calculus
- C. particle theory of light
- D. law of universal gravitation
- G. classical dynamics

### QUESTION 441.2 (1,1,101)

### Auto-answer:

A. The capital of Canada is Ottawa.

\*\*\* END OF PAPER, THANKS \*\*\*

In this paper, big questions will be generated in the following order:  $1\ (1)\ , 2\ (2)$  .

## QUESTION 442.1 ( 1 , 1 , 101 )

#### Auto-answer:

**B.** The capital of Canada is Ottawa.

## QUESTION 442.2 ( 2 , 2 , 102 )

#### Auto-answer:

- B. classical dynamics
- C. law of universal gravitation
- **D.** differential calculus
- E. dispersive prism

\*\*\* END OF PAPER, THANKS \*\*\*

In this paper, big questions will be generated in the following order:  $1\ (1)\ , 2\ (2)$  .

## QUESTION 443.1 (1,1,101)

#### Auto-answer:

**D.** None of above.

### QUESTION 443.2 ( 2 , 2 , 102 )

#### Auto-answer:

- A. classical dynamics
- **B.** dispersive prism
- C. differential calculus
- D. law of universal gravitation
- E. particle theory of light

\*\*\* END OF PAPER, THANKS \*\*\*

In this paper, big questions will be generated in the following order:  $1\ (\ 1\ )$  ,  $2\ (\ 2\ )$  .

## QUESTION 444.1 (1,1,101)

#### Auto-answer:

A. The capital of Canada is Ottawa.

## QUESTION 444.2 ( 2 , 2 , 102 )

#### Auto-answer:

- A. particle theory of light
- B. differential calculus
- C. dispersive prism
- **D.** law of universal gravitation
- F. classical dynamics

\*\*\* END OF PAPER, THANKS \*\*\*

In this paper, big questions will be generated in the following order:  $1\ (2)$ ,  $2\ (1)$ .

## QUESTION 445.1 ( 2 , 2 , 102 )

### Auto-answer:

- A. differential calculus
- **D.** dispersive prism
- E. particle theory of light
- F. classical dynamics

### QUESTION 445.2 ( 1 , 1 , 101 )

### **Auto-answer:**

A. The capital of Canada is Ottawa.

\*\*\* END OF PAPER, THANKS \*\*\*

In this paper, big questions will be generated in the following order:  $1\ (1)\ , 2\ (2)$  .

## QUESTION 446.1 (1,1,101)

#### **Auto-answer:**

A. The capital of Canada is Ottawa.

## QUESTION 446.2 ( 2 , 2 , 102 )

#### Auto-answer:

- B. differential calculus
- C. law of universal gravitation
- **D.** dispersive prism
- E. particle theory of light

\*\*\* END OF PAPER, THANKS \*\*\*

In this paper, big questions will be generated in the following order:  $1\ (2)$ ,  $2\ (1)$ .

## QUESTION 447.1 ( 2 , 2 , 102 )

#### Auto-answer:

- A. classical dynamics
- C. particle theory of light
- F. differential calculus
- **G.** dispersive prism

### QUESTION 447.2 ( 1 , 1 , 101 )

### Auto-answer:

**B.** The capital of Canada is Ottawa.

\*\*\* END OF PAPER, THANKS \*\*\*

In this paper, big questions will be generated in the following order:  $1\ (1)\ , 2\ (2)$  .

## QUESTION 448.1 (1,1,101)

#### Auto-answer:

A. The capital of Canada is Ottawa.

## QUESTION 448.2 ( 2 , 2 , 102 )

#### Auto-answer:

- C. differential calculus
- **D.** dispersive prism
- E. law of universal gravitation
- G. classical dynamics

\*\*\* END OF PAPER, THANKS \*\*\*

In this paper, big questions will be generated in the following order:  $1\ (1)\ , 2\ (2)$  .

## QUESTION 449.1 (1,1,101)

#### Auto-answer:

**B.** The capital of Canada is Ottawa.

## QUESTION 449.2 ( 2 , 2 , 102 )

#### Auto-answer:

C. differential calculus

E. dispersive prism

F. particle theory of light

G. classical dynamics

\*\*\* END OF PAPER, THANKS \*\*\*

In this paper, big questions will be generated in the following order:  $1\ (1)\ , 2\ (2)$  .

## QUESTION 450.1 (1,1,101)

#### Auto-answer:

 ${f C}$ . The capital of Canada is Ottawa.

## QUESTION 450.2 ( 2 , 2 , 102 )

#### **Auto-answer:**

- A. law of universal gravitation
- C. differential calculus
- $\mathbf{F}_{ullet}$  particle theory of light
- G. classical dynamics

\*\*\* END OF PAPER, THANKS \*\*\*

In this paper, big questions will be generated in the following order:  $1\ (1)\ , 2\ (2)$  .

## QUESTION 451.1 ( 1 , 1 , 101 )

#### Auto-answer:

 ${f C}$ . The capital of Canada is Ottawa.

## QUESTION 451.2 ( 2 , 2 , 102 )

#### Auto-answer:

- A. dispersive prism
- C. classical dynamics
- ${f D}$ . law of universal gravitation
- **F.** particle theory of light

\*\*\* END OF PAPER, THANKS \*\*\*

In this paper, big questions will be generated in the following order:  $1\ (2)$ ,  $2\ (1)$ .

### QUESTION 452.1 (2,2,102)

### Auto-answer:

- **B.** differential calculus
- C. particle theory of light
- **D.** law of universal gravitation
- **F.** classical dynamics
- G. dispersive prism

## QUESTION 452.2 ( 1 , 1 , 101 )

#### Auto-answer:

A. The capital of Canada is Ottawa.

\*\*\* END OF PAPER, THANKS \*\*\*

In this paper, big questions will be generated in the following order:  $1\ (2)$ ,  $2\ (1)$ .

## QUESTION 453.1 (2,2,102)

#### Auto-answer:

- C. particle theory of light
- **D.** classical dynamics
- E. law of universal gravitation
- $\mathbf{F}$ . differential calculus

## QUESTION 453.2 ( 1 , 1 , 101 )

### Auto-answer:

 ${f C}$ . The capital of Canada is Ottawa.

\*\*\* END OF PAPER, THANKS \*\*\*

In this paper, big questions will be generated in the following order:  $1\ (2)$ ,  $2\ (1)$ .

## QUESTION 454.1 ( 2 , 2 , 102 )

### Auto-answer:

- A. particle theory of light
- **B.** classical dynamics
- C. differential calculus
- F. law of universal gravitation

## QUESTION 454.2 (1,1,101)

### Auto-answer:

A. The capital of Canada is Ottawa.

\*\*\* END OF PAPER, THANKS \*\*\*

In this paper, big questions will be generated in the following order: 1 ( 1 ) , 2 ( 2 ) .

## QUESTION 455.1 (1,1,101)

#### Auto-answer:

**B.** The capital of Canada is Ottawa.

## QUESTION 455.2 ( 2 , 2 , 102 )

### **Auto-answer:**

- A. differential calculus
- C. dispersive prism
- E. law of universal gravitation
- F. classical dynamics
- **G.** particle theory of light

\*\*\* END OF PAPER, THANKS \*\*\*

In this paper, big questions will be generated in the following order:  $1\ (1)\ , 2\ (2)$  .

## QUESTION 456.1 (1,1,101)

#### Auto-answer:

C. The capital of Canada is Ottawa.

## QUESTION 456.2 ( 2 , 2 , 102 )

#### Auto-answer:

- **B.** particle theory of light
- C. classical dynamics
- **D.** law of universal gravitation
- E. dispersive prism
- F. differential calculus

\*\*\* END OF PAPER, THANKS \*\*\*

In this paper, big questions will be generated in the following order: 1 ( 1 ) , 2 ( 2 ) .

## QUESTION 457.1 (1,1,101)

### Auto-answer:

**B.** The capital of Canada is Ottawa.

## QUESTION 457.2 ( 2 , 2 , 102 )

#### Auto-answer:

- A. differential calculus
- **B.** dispersive prism
- F. law of universal gravitation
- G. classical dynamics

\*\*\* END OF PAPER, THANKS \*\*\*

In this paper, big questions will be generated in the following order:  $1\ (\ 1\ )$  ,  $2\ (\ 2\ )$  .

## QUESTION 458.1 (1,1,101)

#### Auto-answer:

A. The capital of Canada is Ottawa.

## QUESTION 458.2 ( 2 , 2 , 102 )

#### **Auto-answer:**

- A. differential calculus
- **B.** dispersive prism
- **D.** law of universal gravitation
- E. classical dynamics
- **F.** particle theory of light

\*\*\* END OF PAPER, THANKS \*\*\*

## STATISTICS

Initial seed for random numbers			
First paper number			
Last paper number			
Total papers to be generated			
Total marks from input file	100.00		
Total actual marks	100.00		
Total lines of the input file			
Total QUESTIONs in input file	2		
Total CHOOSEs in input file	0		
Total NOTEs in input file	0		
Total (big) questions in each paper			
Total actual (sub)questions in each paper			
Total (sub)questions to be answered in each paper			

## For each big question

Big question	Choose?	Questions needed	Questions from	Question IDs
1 ( 4 ,50.00 )	No	1(1,1)	1 ( 1 ,50.00 ,5.00)	101
2 ( 4 ,50.00 )	No	1 (1,1)	2 ( 1 ,50.00 ,5.00)	102