

BASIC MATHS

Ex.1 3, 11, 15, 24, 26, 38, 41, 47

Ex.2 1, 3, 4, 8, 9, 19, 37, 38, 39

Ex.3 T/F : 2

Fill in the blanks : 1, 7

MTC : 3, 6

A&R: 1, 3, 6

Comprehension : 3, 4

Ex.4A 7, 9, 16, 27

Ex.4B 2, 4, 9, 13, 14

Ex.5 Single : 3, 4, 5

KINEMATICS

Ex.1 1, 4, 9, 12, 14, 20, 22, 25, 29, 34, 38

Ex.2 4, 8, 10, 13, 17, 20, 21, 22, 30, 37, 48

Ex.3 T/F : 3, 12, 13

Fill in the blanks : 1, 3, 4

MTC : 2, 3

A&R: 4, 12, 15

Comprehension : 2, 4, 7

Ex.4A 4, 6, 7, 8, 12, 16, 17, 20, 21, 22, 25

Ex.4B 1, 4, 8, 12, 15

Ex.5 Single : 2, 5

Subjective : 1, 3

NEWTON'S LAWS OF MOTION

Ex.1 3, 5, 7, 8, 11, 14, 16, 17, 19, 20, 23, 6, 31, 33, 36

Ex.2 1, 3, 4, 5, 7, 8, 10, 13, 20, 26, 29

Ex.3 Fill in the blanks : 1, 2

MTC : 2, 3

A&R: 1, 8, 9

Comprehension : 1, 2, 3, 4, 7

Ex.4A 1, 2, 4, 5, 8, 10, 13, 16, 17

Ex.4B 2, 3, 5, 9, 10, 12

Ex.5 Single : 3, 5, 6, 8, 9

A&R: 10, 11

Subjective : 12, 13, 14

CENTRE OF MASS AND COLLISIONS

Ex.1 1, 2, 6, 12, 13, 16, 17, 20, 23, 27

Ex.2 2, 3, 6, 7, 8, 13, 16, 18, 20, 23, 25, 28, 33, 36, 42

Ex.3 T/F : 3

Fill in the blanks : 2, 6, 8

MTC : 1, 4, 5

A&R: 1, 3, 4, 7, 8

Comprehension : 1, 2, 7, 9

Ex.4A 3, 5, 6, 9, 11, 14, 16, 21, 24, 27, 31

Ex.4B 2, 5, 8, 9

WORK-POWER-ENERGY & CIRCULAR MOTION

Ex.1 1, 7, 9, 11, 13, 17, 19, 23, 26, 29, 35, 37, 39, 40, 42, 46, 47

Ex.2 1, 2, 5, 6, 8, 13, 16, 20, 24, 25, 27, 32, 34, 38, 40, 43, 48, 49

Ex.3 T/F : 4

MTC : 1, 3, 5

A&R: 1, 2, 3, 4, 5, 7

Comprehension : 1, 4, 5, 6, 7, 8, 10

Ex.4A 1, 5, 9, 16, 17, 21, 25, 26

Ex.4B 1, 4, 5, 6, 9, 11, 14, 16, 18

ROTATIONAL MOTION

Ex.1 11, 22, 25, 30, 31, 38, 43, 45, 49, 55, 56

Ex.2 1, 5, 10, 13, 14, 16, 17, 20, 22, 25, 28, 31, 32, 35

Ex.3 T/F : 4, 6

Fill in the blanks : 2, 7, 8, 9

MTC : 1, 2, 3, 6

A&R: 1, 6, 7, 10, 11

Comprehension : 3, 4, 5, 9

Ex.4A 2, 4, 6, 9, 16, 17, 20

Ex.4B 3, 4, 5, 7

SHM

Ex.1 2, 6, 8, 10, 12, 14, 15, 21, 26, 30, 32, 39, 43, 44, 45

Ex.2 1, 2, 3, 4, 8, 9, 10, 11, 12, 17

Ex.3 Fill in the blanks : 1, 4, 7

MTC : 2, 3

A&R: 2, 6, 7

Comprehension : 1, 2, 3, 5

Ex.4A 1, 2, 4, 7, 10, 18, 19

Ex.4B 2, 6, 8, 9

Ex.5 Single : 1, 2, 3, 4, 7, 9, 11

MCQ : 1, 2

Comprehension 1, 2, 3

Subjective : 1, 3

GRAVITATION

Ex.1 1, 2, 3, 9, 10, 12, 13, 14, 20, 23, 31, 33

Ex.2 2, 6, 7, 9, 12, 25, 26, 31, 32, 33, 35

Ex.3 Fill in the blanks : 1, 2, 3, 4, 6

MTC : 1, 2

A&R: 1, 3, 5, 8, 11

Comprehension : 1, 2

Ex.4A 3, 4, 9, 12, 14

Ex.4B 3, 8, 12, 18

Ex.5 Single : 2, 3, 4

A&R: 1

Subjective : 1

THERMAL PHYSICS

- Ex. 1** 1, 3, 5, 6, 10, 13, 17, 20, 21, 22, 23, 24, 27, 29, 30, 36, 41, 42, 47, 57, 59, 62
- Ex. 2** 1, 7, 9, 10, 12, 22, 23, 31, 32, 50, 52, 66, 68, 76, 78, 83
- Ex. 3** Fill in the blanks : 2, 3, 7, 8, 9, 10, 11
MTC : 1, 4, 8, 9, 11
A&R : 1, 4, 5, 6, 8, 12, 19, 22, 23, 24, 26, 29, 32
Comprehension : 1, 2, 4, 5, 7, 9, 14, 15
- Ex. 4A** 2, 3, 4, 9, 10, 11, 15, 22, 25, 26, 33, 39, 41, 43, 47
- Ex. 4B** 2, 5, 7, 8, 15
- Ex. 5** Single 1, 2, 3, 4, 6, 10, 11, 15, 18, 19, 29
MCQ : 1, 4, 5 MTC : 3
Comprehension : 1, 2,
Subjective : 1, 2, 5, 7, 8, 9, 11, 16

ELECTROSTATICS

- Ex. 1** 2, 9, 11, 13, 18, 21
- Ex. 2** 1, 2, 6, 10, 11, 12, 15, 19, 24, 29, 32, 41
- Ex. 3** Match the column : 2, 3, 5, 7
Comprehension : 1, 3, 8
- Ex. 4A** 3, 9, 10, 18, 22, 32
- Ex. 4B** 1, 4, 12, 15, 16, 17
- Ex. 5** All

CURRENT ELECTRICITY

- Ex. 1** 5, 9, 27, 32
- Ex. 2** 2, 5, 7, 10, 20, 23, 25, 28
- Ex. 3** MTC- 1, 3 Comprehension: 1
- Ex. 4A** 3, 4, 6, 7, 9, 16, 21, 22
- Ex. 4B** 1, 3, 7, 10, 12, 14, 16
- Ex. 05** All

CAPACITOR

- Ex. 1** 3, 12, 14, 16, 17, 26
- Ex. 2** 1, 4, 11, 14, 17, 28, 34, 36, 41
- Ex. 3** MTC-1, Comprehension: 2, 3, 4, 5
- Ex. 4A** 3, 4, 8, 10, 18, 24, 26
- Ex. 4B** 2, 4, 6, 8, 9, 12, 14, 17
- Ex. 5** All

MODERN PHYSICS

- Ex. 1** 3, 8, 14, 18, 25, 29, 31, 40, 41, 44, 45, 46, 48, 52, 57, 58
- Ex. 2** 1, 2, 5, 7, 18, 20, 23, 32, 47, 49, 55
- Ex. 3** Fill in the blanks : 1, 2, 3, 4, 7
MTC : 1, 2, 3, 5
A&R : 1, 2, 3, 5, 7, 13, 15
Comprehension : 1, 2, 3, 6
- Ex. 4A** 1, 2, 7, 11, 12, 13, 17, 26
- Ex. 4B** 2, 4, 7, 9, 15
- Ex. 5** Single : 1, 3, 5, 6, 10, 13, 16, 23, 30, 36, 37, 39
MCQ : 2, 4 MTC : 1, 2
Comprehension: 1, 2, 3 A&R : 1
Subjective : 2, 4, 8, 9, 14, 15, 16

RAY OPTICS

- Ex. 1** 3, 6, 7, 9, 10, 11, 13, 14, 22, 24, 25, 26, 27, 31, 33, 34, 35, 37
- Ex. 2** 1, 4, 6, 10, 14, 17, 18, 19, 23, 24, 25, 32, 45, 49
- Ex. 3** MTC : 1, 4, 5, 9, 11
A&R : 4, 5, 6, 7
Comprehension: 1, 2, 5
- Ex. 4A** 1, 2, 4, 5, 11, 15, 16, 18, 22, 23
- Ex. 4B** 1, 5, 7, 12, 13
- Ex. 5** Single 1, 2, 3, 5, 6, 7, 11, 15, 16, 19, 21, 26, 27
MCQ : 1
MTC : 2
A&R : 1
Subjective : 2, 4, 9, 10

PRACTICAL PHYSICS

- Ex-Obj.** 9, 13, 15, 18, 21, 23, 31, 32, 37, 39, 40
- Subj.** 1, 2, 5, 6

Previous Year

- MCQ with one correct : 3, 5, 7, 8
MCQ with multiple correct : 1, 2,

Previous Year Subjective

- 1, 2, 3, 4, 5

MAGNETIC EFFECT OF CURRENT

- Ex. 1** 2, 9, 11, 16, 18, 27, 33, 37, 39
- Ex. 4A** 1, 10, 16, 18
- Ex. 5** MCQ : 1, 8, 10, 15, 16, 17, 19, 21
MTC : 1, 2, 3, 4
Subjective : 1, 6, 8

WAVE THEORY

- Ex. 1** 5, 9, 12, 20, 22, 26, 40, 41, 48, 49, 55
- Ex. 4A** 3, 4, 10, 12, 18, 20, 24, 28, 29
- Ex. 5** MCQ (with one correct) 2, 4, 5, 8, 13, 15, 16
MCQ (with more than one correct) 1, 4
Comprehension : 1, 2
Subjective : 1, 3, 8

EMI & AC

- Ex. 1** 1, 6, 8, 13, 16, 20, 23, 29, 39, 43, 47, 60, 63, 64
- Ex. 4A** 2, 7, 10, 15, 20, 25, 27, 29, 30
- Ex. 5** MCQ (with one correct) 1, 5, 6, 8, 13, 14
MCQ (with more than one correct) 1, 3
A&R : 1
Comprehension : 2
Subjective : 1, 4, 6, 8

FLUID MECHANICS

- Ex. 1** 4, 7, 11, 12, 15, 18, 19, 21, 24, 27, 29, 33, 38, 39, 44, 55, 56, 59, 60, 71, 72
- Ex. 4A** 2, 4, 5, 7, 10, 11, 14, 17, 19, 21, 27, 28, 31, 32, 34, 35
- Ex. 5** MCQ (with one correct) 2, 5, 6, 7, 10, 11
MTC : 1
Comprehension : 1
Subjective : 3, 6, 7, 9